OVERNIGHT DELIVERY

ENTERED

DEPARTMENT OF THE AIR FORCE
377th Civil Engineer Division (AFMC)

29 May 09

MEMORANDUM FOR MR. WILLIAM C. OLSON, CHIEF
GROUNDWATER QUALITY BUREAU (GWQB)
NEW MEXICO ENVIRONMENT DEPARTMENT (NMED)
PO BOX 26
SANTA FE, NM 87502

RECEIVED JUN 2009 Hazardous Bureau

FROM: 377 MSG/CEANR
2050 Wyoming Blvd SE, Suite 116
Kirtland AFB NM 87117-5270

SUBJECT: Stage 2 Abatement Plan, Semi-Annual Summary and Performance Report, September 2008 through March 2009, Bulk Fuels Facility (ST-106), Kirtland AFB (AFB)

1. The Natural Resource Management Branch at Kirtland AFB is pleased to submit the subject document including one electronic version.

2. Please contact me at 505-853-6534, if you have any questions or comments on this matter.

LUDIE BITNER, YF-02
Chief, Restoration Section

Attachments:
1. Stage 2 Abatement Plan, Semi-Annual Summary and Performance Report, September 2008 through March 2009

2. Electronic Version of the Stage 2 Abatement Plan, Semi-Annual Summary and Performance Report, September 2008 through March 2009

KAFB3283

cc:
VA Hospital, Mr. Reichter, w Atchs
ABCWUA, Ms. Gastian, w Atchs
ABCWUA Advisory Board, Dr. Thompson, w Atchs
COA-AEHD, Mr. Soladay, w Atchs
NMED GWQB, Mr. Swanson, w Atchs
NMED HWB, Mr. Kieling, w Atch 2 only
CAB (all members), Atch 2 only (to be submitted with meeting minutes)
NMED HWB, Mr. McDonald, wo Atchs
USEPA-Region 6 (6PD-N), Ms. King, wo Atchs
HQ AFMC/A7CVQ, Mr. Fort, wo Atchs
AFCEE/EXEC, Ms. Doll, wo Atchs
CH2M, Ms. Minchak, wo Atchs
Admin. Record, CNM, Montoya Campus w Atch 2 only
AR/IR, w Atch 2 only
File

KIRTLAND AIR FORCE BASE, NEW MEXICO

SEMI-ANNUAL SUMMARY AND PERFORMANCE REPORT, OCTOBER 2008 THROUGH MARCH 2009 BULK FUELS FACILITY

May 2009

377 MSG/CEANR
2050 Wyoming Blvd. SE
Kirtland AFB, New Mexico 87117-5670

ENVIRONMENTAL RESTORATION PROGRAM
KIRTLAND AIR FORCE BASE
ALBUQUERQUE, NEW MEXICO

SEMI-ANNUAL SUMMARY AND PERFORMANCE REPORT FOR THE BULK FUELS FACILITY OCTOBER 2008 THROUGH MARCH 2009

MAY 2009

Prepared For
HQ AFCEE/ERD
Environmental Restoration Division
Brooks City-Base, Texas 78235-5344
USAF Contract No. FA8903-08-D-8769 Task Order No. 0038

Prepared By
CH2M HILL, Inc.
4041 Jefferson Plaza NE, Suite 200
Albuquerque, New Mexico 87109

NOTICE

This Semi-Annual Summary and Performance Report has been prepared for the U.S. Air Force by CH2M HILL for the purpose of aiding in the implementation of a final remedial action plan under the Environmental Restoration Program (ERP). As the report relates to actual or possible releases of potentially hazardous substances, its release prior to an Air Force final decision on remedial action may be in the public's interest. The limited objectives of this report and the ongoing nature of the ERP, along with the evolving knowledge of site conditions and chemical effects on the environment and health, must be considered when evaluating this report, since subsequent facts may become known which may make this report premature or inaccurate.

A copy of this document is available for public review at the Central New Mexico Community College, Montoya Campus Library Reference Section, at 4700 Morris NE, Albuquerque, New Mexico.

Government agencies and their contractors registered with the Defense Technical Information Center should direct requests for copies of this plan to: Defense Technical Information Center, Cameron Station, Alexandria, Virginia 22304-6145.

Non-government agencies may purchase copies of this document from: National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161.

REPORT DOCUMENTATION PAGE	Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, Virginia 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, D.C. 20503.

1. AGENCY USE ONLY	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED
	December 2008	Semi-Annual Report October 2008 through March 2009

4. TITLE AND SUBTITLE	5. FUNDING NUMBERS
Kirtland Air Force Base, New Mexico Semi-Annual Summary and Performance Report for the Bulk Fuels Facility, October 2008 through March 2009	USAF Contract No. FA8903-04-D-8670 Task Order No. 0221
6. AUTHOR(S) Meredith Brislen and Sharon Minchak., CH2M HILL	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) CH2M HILL 4041 Jefferson Plaze NE, Suite 200 Albuquerque, New Mexico 87109	**8. PERFORMING ORGANIZATION REPORT NUMBER**
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) Air Force Center for Engineering and the Environment (AFCEE) Environmental Restoration Division (AFCEE/ERD) 3300 Sidney Brooks Brooks City-Base, Texas 78235-5344 COR: Ms. Kristi Doll	**10. SPONSORING / MONITORING AGENCY REPORT NUMBER**

11. SUPPLEMENTARY NOTES

12a. DISTRIBUTION/AVAILABILITY STATEMENT	12b. DISTRIBUTION CODE

13. ABSTRACT (Maximum 200 words)

This Semi-Annual Summary and Performance Report describes the operations, maintenance, and monitoring activities and results related to the operation of a soil vapor extraction and treatment system and a phase-separated hydrocarbon skimmer system at the Bulk Fuels Facility, Kirtland Air Force Base, New Mexico.

14. SUBJECT TERMS	15. NUMBER OF PAGES
Semi-Annual Report October 2008 through March 2009	1386
	16. PRICE CODE

17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION	20. LIMITATION OF ABSTRACT
UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED	SAR

NSN 7540-01-280-5500

Standard Form 298 (Rev 2-89)
Prescribed by ANSI Std 239-18 298-102

DOCUMENT CERTIFICATION
May 2009

This document has been approved for public release in accordance with Department of Defense Directives and Air Force Instructions.

KIRTLAND AIR FORCE BASE
377th ABW Public Affairs

THIS PAGE INTENTIONALLY LEFT BLANK

PREFACE

This Semi-Annual Summary and Performance Report for the Bulk Fuels Facility, describes the operations, maintenance, and monitoring activities and results associated with the soil vapor extraction and treatment systems and the ongoing groundwater investigation activities conducted from October 2008 through March 2009 at Kirtland Air Force Base, New Mexico. The main body of ths report primarily addresses the requirements of the U.S. Air Force (USAF) statement of work (SOW) for Task Order 0038 dated 28 April 2008. However, reporting in this document also fulfills partial requirements under USAF Contract F41624-03-D-8595 Task Order 561 SOW dated 1 May 2007, USAF Contract FA8903-04-D-8670 Task Order 313 SOW dated 13 May 2008, and FA8903-08-D-8769 Task Order 0096 SOW dated 12 November 2008.

This semi-annual report was prepared by CH2M HILL in May 2009. The work was performed under the authority of the Air Force Center for Engineering and the Environment, Contract Number FA8903-08-D-8769, Task Order 0038. Ms. Kristi Doll served as the Contracting Officer's Representative.

Sharon L. Minchak, P.G.
CH2M HILL Program Manager

Jeffrey W. Johnston
CH2M HILL Project Manager

THIS PAGE INTENTIONALLY LEFT BLANK

CONTENTS

Section **Page**

EXECUTIVE SUMMARY ES-1

1. INTRODUCTION 1-1

1.1 Remedial Action Objectives 1-2
1.2 Report Organization 1-3

2. REMEDIATION SYSTEM OPERATIONS AND MAINTENANCE 2-1

2.1 Remediation Systems 2-1
2.1.1 Soil Vapor Extraction and Treatment Systems 2-1
2.2 SVE System Operating Hours 2-2
2.2.1 Operating Hours 2-3
2.2.2 Maintenance Activities and Downtime 2-5
2.2.3 SVE System Condensate Generation 2-11
2.3 SVE System Extraction Details and Operational Modifications 2-11
2.4 SVE System VOC Destruction Efficiency Monitoring 2-13
2.4.1 Former Fuel Offloading Rack SVE System 2-13
2.4.2 KAFB-1065 SVE System 2-16
2.4.3 Applicability of Bernalillo County Air Emissions 2-16
2.5 SVE System Hydrocarbon Extraction Quantities 2-20
2.5.1 Former Fuel Offloading Rack SVE System 2-21
2.5.2 KAFB-1065, KAFB-1006, and KAFB-1068 SVE Systems 2-24
2.5.2 Hydrocargon Recovery Rate Trends 2-26
2.6 Treatment System Operational Summary 2-27

3. SITEWIDE MONITORING 3-1

3.1 Monitoring Infrastructure Additions and Enhancements 3-1
3.2 Soil Vapor Monitoring 3-2
3.2.1 Soil Vapor Data 3-35
3.2.2 SVE System Radius of Influence 3-37
3.2.3 Soil Vapor Summary 3-38
3.3 Groundwater Monitoring 3-39
3.3.1 Groundwater Monitoring Data 3-57
3.3.2 Groundwater Conclusions 3-60

4. SUMMARY AND RECOMMENDATIONS 4-1

REFERENCES R-1

APPENDICES

A Reference Data

B Waste Disposal Documentation

C Well Completion Report Fall 2008

D Soil Vapor, Groundwater, and Production Wells Data Quality Evaluation Reports and Tables

FIGURES

Figure **Page**

1-1 Site Location Map for the Bulk Fuels Storage Facility 1-5

2-1 Location of Soil Vapor Monitoring and Extraction Wells, Bulk Fuels Facility 2-9

3-1 Groundwater Monitoring Well Locations 3-3

3-2 Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs, October 24 through December 17, 2008 3-15

3-3 Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs, October 24 through December 17, 2008 3-17

3-4 Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs, October 24 through December 17, 2008 3-19

3-5 Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs, October 24 through December 17, 2008 3-21

3-6 Hydrocarbon Vapor Plume Beneath Former Offloading Rack, December 17, 2008, ST-106, Buld Fuels facility, Kirtland AFB 3-23

3-7 Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs, January 29 through February 19, 2009 3-25

3-8 Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs, January 29 through February 19, 2009 3-27

3-9 Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs, January 29 through February 19, 2009 3-29

3-10 Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs, January 29 through February 19, 2009 3-31

3-11 Hydrocarbon Vapor Plume Beneath Former Offloading Rack, February 19, 2009, ST-106, Buld Fuels facility, Kirtland AFB 3-33

3-12 Groundwater Elevations and Flow Direction, October 2008 3-41

3-13 Groundwater Elevations and Flow Direction, January 2009 3-43

3-14 Groundwater Analytical Results and PSH Thickness, October 2008 and January 2009 3-45

TABLES

Table **Page**

2-1 Quarterly SVE Operations Summary, Fourth Quarter 2008 and First Quarter 2009, Bulk Fuels Facility 2-4

2-2 Quarterly SVE System Maintenance and Down Time Summary, Fourth Quarter 2008 and First Quarter 2009, Bulk Fuels Facility 2-7

2-3 Former Fuel Offloading Rack SVE System, Extraction Well Number and Depth of Screened Interval 2-12

2-4 KAFB-1065, KAFB-1066, and KAFB-1068 SVE Systems Extraction Well Number and Depth of Screened Interval 2-12

2-5 Summary of Vapor Inlet and Exhaust Detected Laboratory Sample Results, October 2008 through March 2009, Former Fuel Offloading Rack SVE System 2-14

2-6 Summary of Vapor Inlet and Exhaust Detected Laboratory Sample Results, October 2008, KAFB-1065 SVE System 2-17

2-7 Summary of Vapor Inlet and Exhaust Detected Laboratory Sample Results, February 2009, KAFB-1065 SVE System 2-18

2-8 20.11.41 NMAC Permit #1984 Emission Limits for Eight SVE Engines 2-20

2-9 Cumulative Hydrocarbon Recovery Data, October 2008 through March 2009, Former Fuel Offloading Rack 2-22

2-10 Cumulative Hydrocarbon Recovery Data, October 2008 through March 2009, KAFB-1065 SVE System 2-25

2-11 Hydrocarbon Recovery Data, March 5 through March 31, 2009, KAFB-1068 SVE System 2-26

3-1 Soil Vapor Monitoring Summary, Bulk Fuels Facility 3-5

3-2 Monitoring Well Construction Details and Groundwater Elevations, through First Quarter 2009, Bulk Fuels Facility 3-47

3-3 Summary of Groundwater Analytical Results, Bulk Fuels Facility 3-51

ACRONYMS AND ABBREVIATIONS (Continued, Page 1 of 2)

AEHD	Albuquerque Environmental Health Department
AFB	Air Force Base
atm	atmosphere pressure unit
bgs	below ground surface
Btu	British thermal unit(s)
C	vapor concentration
cfm	cubic feet per minute
CO	carbon monoxide
CO_2	carbon dioxide
DO	dissolved oxygen
DQE	data quality evaluation
DRE	destructive removal efficiency
DRO	diesel range organics
EDB	1,2-dibromethane
EPA	U.S. Environmental Protection Agency
ft	foot(feet)
ft/ft	foot(feet) per foot (gradient)
gpm	gallon(s) per minute
GRO	gasoline range organics
HAP	hazardous air pollutant
ICE	internal combustion engine
J	estimated value; The analyte was positively identified but the associated numerical value is below the reporting limit
K	Kelvin
kg	kilogram; mass
kg/m^3	kilogram per cubic meter
lb/hr	pound(s) per hour
lb/yr	pound(s) per year
μg/L	microgram(s) per liter
MCL	maximum contaminant level
MEK	methyl ethyl ketone
m^3/hr	cubic meters per hour
mg/kg	milligram(s) per kilogram
mg/L	milligram(s) per liter

ACRONYMS AND ABBREVIATIONS (Concluded, Page 2 of 2)

NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMED-GWQB	New Mexico Environment Department – Groundwater Quality Bureau
O_2	oxygen
O&M	operations and maintenance
ORP	oxidation-reduction (redox) potential
PAH	polycyclic aromatic hydrocarbon
pH	hydrogen (ion) concentration
ppbv	parts per billion by volume
ppmv	parts per million by volume
PSH	phase-separated hydrocarbon
QA/QC	quality assurance/quality control
RCRA	Resource Conservation and Recovery Act
redox	oxidation-reduction
RL	reporting limit
rpm	revolutions per minute
RSI	Remediation Services International
SVE	soil vapor extraction
SVEW	soil vapor extraction well
SVMW	soil vapor monitoring well
SVOC	semi-volatile organic compound
SWMU	solid waste management unit
ton(s)/yr	ton(s) per year
TPH	total petroleum hydrocarbon
U	undetected value;The analyte was not detected. The numerical value is the reporting limit
USAF	U.S. Air Force
VA	Veterans Affairs
VOC	volatile organic compound
WQCC	Water Quality Control Commission (New Mexico)

EXECUTIVE SUMMARY

CH2M HILL has prepared this report to summarize ongoing investigation and remedial activities at the Bulk Fuels Facility. Activities during this reporting period included operational data from the existing soil vapor extraction (SVE) system at the Bulk Fuels Facility; installation and start-up information for two additional SVE systems at wells KAFB-1066 and KAFB-1068; and ongoing investigation and monitoring activities at the site including installation of 10 additional groundwater monitoring wells. This report documents the activities and results for the October 2008 through March 2009 period.

The primary objectives of operating the SVE system at the Former Fuel Offloading Rack continue to be the following:

- Recover vapor-phase VOCs from the vadose zone at the former offloading rack.
- Prevent additional horizontal and vertical migration of the vapor-phase hydrocarbon plume at the former fuel offloading rack and maintain pneumatic containment of the vapor plume by inducing flow to the extraction wells.
- Recover residual sorbed-phase VOCs in soil that are amenable to extraction via SVE.
- Remove vapor-phase and sorbed-phase VOCs in the vadose zone with the intent to minimize impacts of these compounds on groundwater quality.
- Destroy the extracted VOCs using the internal combustion engine (ICE) system and catalytic converters to prevent adverse impacts to ambient air.

To meet these objectives, the SVE system at the Former Fuel Offloading Rack of the Bulk Fuels Facility has and continues to operate continuously with limited downtime for maintenance and repairs.

Following discovery of PSH in monitoring well KAFB-1065 and the start of remedial actions at that well to address PSH-impacted groundwater, the remedial action now includes the following objectives:

- Delineate the nature and extent of PSH on the groundwater table and dissolved phase compounds in groundwater.
- Ongoing PSH recovery from the groundwater surface.

This objective to recover PSH from the water table surface was preliminarily addressed through the emergency operation of a hydrophobic skimmer system. Actions to meet this objective were escalated during the prior reporting period with the installation of the interim KAFB-1065 SVE system to substantially increase mass removal rates at that location and from the PSH-impacted groundwater surface as a whole. During this reporting period two additional SVE systems have been added to the efforts to target PSH-impacted groundwater remedial efforts. With the operation of these additional SVE systems the overarching objectives of recovering residual sorbed-phase VOCs, removing vapor and sorbed-phase VOCs in the vadose zone to minimize impacts to groundwater, and destroying VOCs using ICEs now applies to the PSH-impacted groundwater as well.

The Former Fuel Offloading Rack SVE system extracted and destroyed approximately 16,590 equivalent gallons of petroleum hydrocarbons during the six month reporting period. The KAFB-1065 SVE system extracted and destroyed approximately 31,228 equivalent gallons of petroleum hydrocarbons during the six month reporting period. During its brief period of operation during the reporting period, the KAFB-1068 SVE system extracted and destroyed approximately 2,509 equivalent gallons of petroleum hydrocarbons. A hydrocarbon recovery total was not calculated for the KAFB-1066 SVE system installed at the end of March. The combined petroleum hydrocarbon recovery from all SVE systems for the six-month reporting period was roughly 50,000 equivalent gallons of petroleum hydrocarbons.

Data indicate that the operation of the two newest SVE systems at KAFB-1066 and KAFB-1068 is producing subsurface interference between the systems. Additionally, a slight yet definable downward trend in gross hydrocarbon concentration of the extracted subsurface vapors can be seen during this period. System operational modifications and optimization strategies will be evaluated in the next period to maximize overall mass recovery from the subsurface using all the SVE systems.

During the third quarter of 2008, field work was initiated to install additional groundwater monitoring wells at the site. During the fourth quarter of 2008, field work continued to install additional groundwater monitoring wells at the site. Well installation proceeded according to the *Stage 2 Abatement Plan Modification* (USAF, 2007a) and the *Stage 2 Abatement Plan Modification Addendum* (USAF, 2008) approved by the New Mexico Environment Department (NMED)-Groundwater Quality Bureau (GWQB). Between October and December 2008, six new groundwater monitoring wells were completed as part of the ongoing field investigation. These new wells are designated KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620. The new wells supplement not only the four other groundwater monitoring wells installed in September 2008 (KAFB-10611 through -10614) as part of the same drilling program but also the other 10 wells that had been installed prior to the 2008 drilling effort.

In the ten new groundwater monitoring wells, PSH was detected in only two new well locations. As identified following well installation during the third quarter of 2008, roughly 1.5 feet of PSH is present at the KAFB-10614 location. Also, PSH is detected in well KAFB-10618 which was completed during the fourth quarter of 2008. However, the PSH KAFB-10618 appears to be a very thin sheen of product that produces inconsistent detections with the oil-water interface measurement probe. The probe provides a brief indication of product present on the water table but at such a small thickness that it can not even be definitively measured as being greater than 0.01 feet, which is the smallest unit of measurement on the instrument.

During the reporting period, high soil-vapor concentrations continued to persist in the vicinity of the former fuel offloading rack. These concentrations indicate that a significant source of soil vapor remains in that general area of the site, which is expected since it is a primary fuel release area. While a core of some of the highest observed total petroleum hydrocarbon (TPH) vapor concentrations remain in the former fuel offloading rack area, this reporting period's data continue to support an overall slight, yet consistent, decrease in petroleum hydrocarbon concentrations relative to system start-up concentrations throughout the depth profile in the former fuel offloading rack area. Focused extraction at discrete depths continues to have the localized effect of drawing high-concentration soil vapors to those extraction points. Although absolute vapor concentrations remain generally high, the overall decreasing trend in vapor concentrations suggests that definable remediation of not only the developed soil vapor plume but also the volatile fraction of the sorbed petroleum hydrocarbon mass in the soil in the area of the former fuel offloading rack is occurring. Continued quarterly data collection and evaluation will provide further information on this trend and the ongoing remediation of the former fuel offloading rack area.

As previously observed, elevated soil-vapor concentrations persist at different depths in areas of the site distal from the former fuel offloading rack. The presence of PSH on the groundwater table at wells KAFB-1065, KAFB-1066, KAFB-1068, KAFB-1069, KAFB-10610, KAFB-10614, and possibly KAFB-10618 coupled with residual fuel product along fuel migration pathways within the vadose zone are most likely the source of the persistent, elevated vapor concentrations that have always been observed in the eastern area of the site. Additional investigation and data evaluation will continue to more fully determine how the elevated vapor concentrations correlate with both the PSH on the water table and with preferential fuel migration pathways or smear zones that remain in the vadose zone on the eastern side of the site.

The measured groundwater elevations from the fourth quarter of 2007 and the first quarter of 2008 indicate that the groundwater flow direction beneath the Bulk Fuels Facility site is to the north-northeast. During this reporting period, the positively detected compounds in the site monitoring wells installed prior to 2008, and their relative concentrations, are generally consistent with previous quarters' sampling data. Data from new wells installed during 2008 have further supplemented and defined the general understanding of the nature and extent of the PSH and dissolved phase constituents in groundwater.

With the installation of the new wells the boundaries of both the PSH plume and the associated dissolved phase plume are largely delineated with plume bounding monitoring points installed to the east, south, and northwest. Many detected compound concentrations are relatively low-level, often laboratory J-flagged values that are below applicable groundwater standards. Detections of benzene and EDB during October 2008 in KAFB-1061 on the southwest portion of the plume exceeded the EPA MCLs but are well delineated by wells with concentrations below MCLs. Wells KAFB-10617 and KAFB-10619 to the north east have concentrations of EDB in both wells, and benzene in KAFB-10617, that exceed applicable EPA MCLs. These concentrations are grossly delineated to the northeast by well KAFB-10615. Refining the delineation of these regulatory exceedances is merited extending out to the north and northeast from the PSH plume boundaries. As discussed previously, the naturally occurring physical and biological processes are expected to result in the dissolved phase exceedances in this direction being fairly self-limiting with distance moving away from the PSH plume itself.

Thicknesses of PSH are detected on the water table surface at a total of seven well locations: KAFB-1065, KAFB-1066, KAFB-1068, KAFB-1069, KAFB-10610, KAFB-10614, and KAFB-10618. During the reporting period the thickness of PSH in the wells ranged from a sheen of less than 0.01 ft to 1.92 ft. The additional wells installed in 2008 have nearly fully delineated the extent of the PSH plume. Further investigation of the less than 0.01 ft PSH sheen in KAFB-10618 to the north should complete delineation of the PSH body.

The preparation of future reports will include results of soil vapor and groundwater sampling, reporting of additional well installations, summaries of operations data and optimization activities, and discussions regarding the ongoing remedial process as outlined in the *Stage 2 Abatement Plan, Summary and Performance Report for the Soil Vapor Extraction and Treatment System, Bulk Fuels Facility (ST-106), Kirtland Air Force Base* (U.S. Air Force, 2006a) and the *Stage 2 Abatement Plan Modification* (USAF, 2007).

THIS PAGE INTENTIONALLY LEFT BLANK

1. INTRODUCTION

CH2M HILL has prepared this report to summarize ongoing investigation and remedial activities at the Bulk Fuels Facility, located within the western part of Kirtland Air Force Base (AFB), New Mexico (Figure 1-1). Activities during this reporting period included operation and optimization of existing soil vapor extraction (SVE) systems at the Bulk Fuels Facility; installation, start-up, and operation and optimization of two additional SVE systems at groundwater monitoring wells KAFB-1066 and KAFB-1068; groundwater monitoring well installation activities; and ongoing investigation and monitoring activities at the site. This report documents the activities from October 2008 through March 2009.

The Bulk Fuels Facility is comprised of two Air Force sites designated as ST-106 and SS-111. In January 2008, the U.S. Air Force officially designated the PSH-impacted groundwater component of the Bulk Fuels Facility project as site SS-111, Bulk Fuels Facility PSH Remediation. The aspect of the project related to the vadose zone investigation and remediation in the vicinity of the former fuel offloading rack is designated as site ST-106. These site designations are an internal Air Force site naming convention. Overall planning and reporting for both sites will remain integrated and the site name usages in this document will typically utilize the more generic term of Bulk Fuels Facility as opposed to the numeric site designations unless the information being discussed is specific to one site.

The *Stage 2 Abatement Plan Report for the Bulk Fuels Facility* (U.S. Air Force [USAF], 2002a) identified SVE as the preferred abatement option for the volatile organic compound (VOC) contamination within the vadose zone at the former fuel offloading rack at the site. The SVE system was designed to abate sorbed-phase and vapor-phase VOCs present within the vadose zone. Regular semi-annual reporting now details the operation and associated monitoring of the SVE system at the former fuel offloading rack area of the site. Additionally, based on the successful mass recovery of fuel constituents at the former fuel offloading rack, the same SVE remedial technology is being applied to interim remediation of the PSH-impacted groundwater. During the prior reporting period an additional interim SVE remediation system was installed at groundwater monitoring well KAFB-1065, the location where PSH was first identified on the water table. This semi-annual report now includes operational and monitoring data for that system and also provides information on the installation and operation of two additional interim SVE remediation systems. The two new SVE systems were installed at wells KAFB-1066 and KAFB-1068, other groundwater monitoring wells where PSH is present on the water table surface, during this reporting period. All of the SVE systems located at PSH-containing monitoring well locations are operating in interim configurations while ongoing investigation and delineation of the nature and extent of the PSH-impacted groundwater progresses in parallel.

The operation, optimization, and monitoring of the Bulk Fuels Facility remedial systems is ongoing and includes maintenance of the equipment, SVE system performance monitoring, and the collection of subsurface pressure measurements and soil vapor samples for field and laboratory analyses. Groundwater sampling of the Bulk Fuels Facility groundwater monitoring wells continues on a quarterly basis and the overall groundwater investigation is ongoing, including additional groundwater monitoring well installation that continued through the fourth quarter 2008 and was completed early in the first quarter of 2009.

1.1. Remedial Action Objectives

As described in the *Stage 2 Abatement Plan, Summary and Performance Report* (USAF, 2006a), the primary objectives of operating the former fuel offloading rack SVE system are the following:

- Recover vapor-phase VOCs from the vadose zone at the former offloading rack.
- Prevent additional horizontal and vertical migration of the vapor-phase hydrocarbon plume at the former fuel offloading rack and maintain pneumatic containment of the vapor plume by inducing flow to the extraction wells.
- Recover residual sorbed-phase VOCs in soil that are amenable to extraction via SVE.
- Remove vapor-phase and sorbed-phase VOCs in the vadose zone with the intent to minimize impacts of these compounds on groundwater quality.
- Destroy the extracted VOCs using the internal combustion engine (ICE) system and catalytic converters to prevent adverse impacts to ambient air.

To meet these objectives, the SVE system at the Former Fuel Offloading Rack of the Bulk Fuels Facility has and continues to operate continuously with limited downtime for maintenance and repairs.

Following discovery of PSH on the groundwater and the start of remedial actions to address PSH-impacted groundwater, the remedial action now includes the following objectives:

- Delineate the nature and extent of PSH on the groundwater table and dissolved phase compounds in groundwater.
- Ongoing PSH recovery from the groundwater surface.

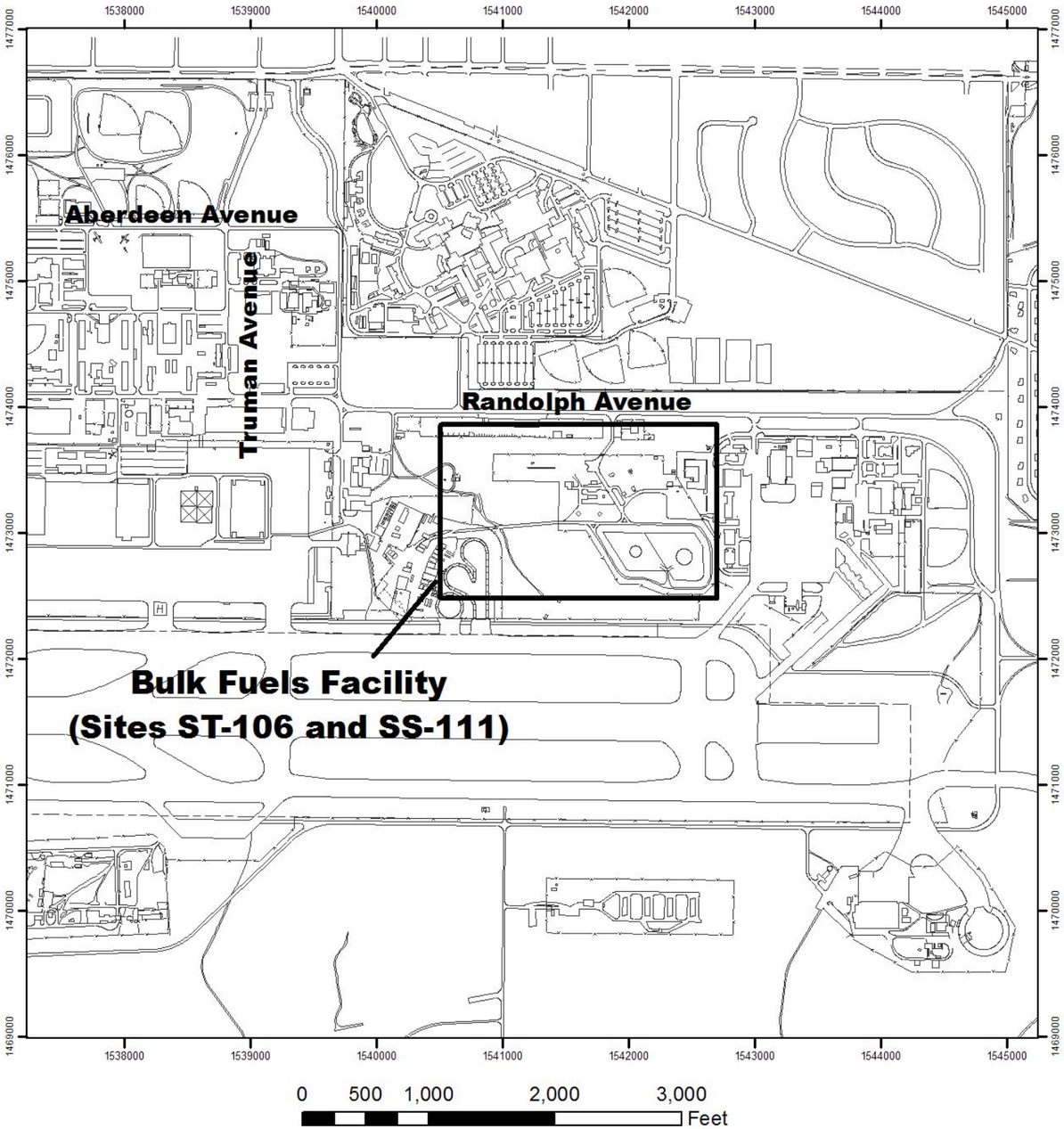
This objective to recover PSH from the water table surface was preliminarily addressed through the emergency operation of a hydrophobic skimmer system. Actions to meet this objective were escalated during the prior reporting period with the installation of the interim KAFB-1065 SVE system to substantially increase mass removal rates at that location and from the PSH-impacted groundwater surface as a whole. During this reporting period two additional SVE systems have been added to the efforts to target PSH-impacted groundwater remedial efforts. With the operation of these additional SVE systems the overarching objectives of recovering residual sorbed-phase VOCs, removing vapor and sorbed-phase VOCs in the vadose zone to minimize impacts to groundwater, and destroying VOCs using ICEs now applies to the PSH-impacted groundwater as well.

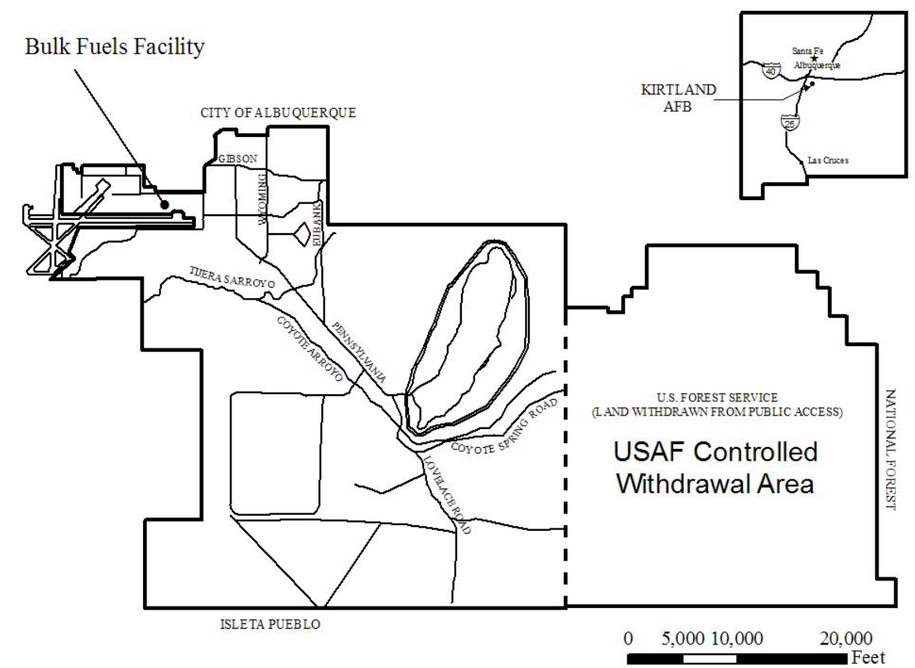
The implementation of SVE at the site follows a performance-based approach with ongoing data collection and evaluation to direct future activities to best achieve the site objectives. The specific activities and results for the period October 2008 through March 2009, to meet these objectives, are described in this Semi-Annual Summary and Performance Report.

1.2. Report Organization

This report is organized into four sections, with this Introduction as Section 1. Section 2 discusses the optimization and operation of the SVE remedial system infrastructure including operational hours, maintenance activities, and modifications to the system to improve its operation or to better meet the remedial action objectives. Section 2 also presents system performance monitoring data and calculation of extracted petroleum hydrocarbon quantities. Section 3 discusses the monitoring activities and data associated with quarterly soil vapor and groundwater monitoring, as well as discussion of any new data collected this reporting period, including the groundwater monitoring well installation activities conducted during this period. Section 3 provides a summary of the nature and extent of vapor-phase and groundwater compounds of concern and PSH delineation. The section also discusses site-wide trends in soil vapor and groundwater data and how the observations relate to meeting the remedial action objectives. Section 4 presents recommendations for continued system optimization and operation, investigation, and monitoring at the Bulk Fuels Facility.

THIS PAGE INTENTIONALLY LEFT BLANK.





N

1545000 NM Central State Plane Feet, NAD 83

Semi-Annual Summary and Performance Report Bulk Fuels Facility
Figure 1-1
Site Location Map for the Bulk Fuels Facility
Revision Date: 14 May 2008

THIS PAGE INTENTIONALLY LEFT BLANK

2. REMEDIATION SYSTEMS OPERATION AND MAINTENANCE

The sections below provide a brief overview of the soil vapor extraction (SVE) system components, discuss the operation of these remediation systems, and summarize operational and infrastructure modifications that have been performed from October 2008 through March 2009. A comprehensive discussion of remediation progress at the site as a whole is presented in Section 3.

2.1 Remediation Systems

2.1.1 Soil Vapor Extraction and Treatment Systems

Each of the SVE treatment units in use at the Bulk Fuels Facility consist of trailer-mounted pairs of computer-controlled, 460-cubic-inch displacement Ford Model LSG-875 internal combustion engines (ICEs). These ICEs have been modified and remanufactured to the specifications of Remediation Services International (RSI). The complete trailer-mounted SVE systems were supplied by RSI. Within each SVE system the engines act both as a vacuum pump and as a means to destroy hydrocarbon vapors removed from the vadose zone. The engine manifold vacuum is applied to the subsurface via extraction wells and piping. The vacuum is used to extract soil vapor from soil vapor extraction wells in the vadose zone or to volatilize PSH directly from the water table surface in groundwater monitoring wells and extract the vapor-phase hydrocarbons. The hydrocarbon vapors are mixed with ambient dilution air to achieve the proper combustion ratio and processed through the engine intakes and combustion chambers, where the hydrocarbon vapors are burned as fuel to run the engines. The exhaust stream of each engine is fitted with a post-combustion catalytic converter to destroy unburned hydrocarbons remaining in the exhaust.

At the Former Fuel Offloading Rack, the SVE system includes the ICE unit connected to nine soil vapor extraction wells (SVEWs), as shown in Figure 2-1. Each of the nine SVEWs is plumbed via buried piping to a central manifold located adjacent to the SVE treatment unit. The manifold allows the flow of soil vapors from each well to be regulated and the soil vapors to then be uniformly mixed prior to entering the treatment unit. In addition, the manifold provides a central location from which to collect soil vapor samples and monitor pressures within individual extraction wells.

Additional SVE systems are installed at groundwater monitoring wells KAFB-1065, KAFB-1066, and KAFB-1068. The KAFB-1065 system was installed during August 2008 and was fully operational during the reporting period. The KAFB-1068 system was installed during early March 2009 and was operational on a limited basis from March 5, 2009 through the end of the reporting period. The KAFB-1066 system was installed on March 26, 2009 and was operating in a startup and troubleshooting period at the end of the reporting period.

Due to the flexibility of the SVE ICE technology, the SVE systems installed at the groundwater monitoring wells that contain PSH are able to be directly connected to the existing wells with no other infrastructure modifications. At KAFB-1065, KAFB-1066, and KAFB-1068 the SVE units are directly connected to the well head with flexible hose. Currently, there is no manifold system or mixing with other hydrocarbon vapor sources at these locations. The application of the engine manifold vacuum at the wellhead of KAFB-1065, KAFB-1066, and KAFB-1068 induces volatilization of fuel from the PSH surface. The volatilized fuel stream is extracted via the well casing to the ground surface to directly operate the ICEs of the interim remedial system.

At the SVE system locations, each engine is fitted with a computer-controlled carburetor that controls the mixing of hydrocarbon vapors from the subsurface and ambient dilution air to maintain the proper air/fuel ratio to support combustion. Propane is used as the fuel source during engine starting and warm-up, after which the system consumes recovered petroleum hydrocarbon vapors as the primary fuel source, using propane as needed to help stabilize engine performance. If soil vapor concentrations are sufficiently high minimal propane relative to recovered hydrocarbon consumption is required to maintain optimum performance.

The SVE systems installed at monitoring wells KAFB-1065, KAFB-1066, and KAFB-1068 have several differences from the SVE unit in place at the Former Offloading Rack. These SVE units are fitted with adjustable hydraulic loading modules that apply resistance to the engines, therefore allowing the engines to do more work and subsequently have a greater hydrocarbon mass recovery from the subsurface. When operating with the hydraulic loading modules engaged, the new SVE systems operate at higher engine speeds (that is, 2,250 revolutions per minute [rpm]) to maintain the vacuum necessary for the higher extraction flow rates. The hydraulic loading modules on the KAFB-1068 and KAFB-1066 systems had not yet been engaged during preliminary startup and troubleshooting phase within this reporting period. The flow rate from well KAFB-1065, the only well with an engaged hydraulic load module during the reporting period, was approximately 100 cubic feet per minute (ft^3/min). The KAFB-1066 and KAFB-1068 SVE systems are expected to draw similar flow, from their associated wells, once the hydraulic loading modules are engaged. As discussed previously, the vacuum is applied directly to the PSH layer floating on the water table surface which volatilizes the PSH. The vapor-phase hydrocarbons are then extracted through the well casing and burned directly in the SVE unit.

These additional SVE systems have been installed to continue aggressive direct recovery of PSH from the groundwater table. However, this application of SVE ICE technology to remediate PSH on the groundwater is currently being used as an interim approach. The KAFB-1065 SVE system and the newly installed SVE systems at KAFB-1066 and KAFB-1068 will continue to operate in this interim configuration at these locations for the foreseeable future. Ongoing investigation to delineate the overall PSH plume and data collection as the systems operate will factor into the final selection of an overall remedial approach for the PSH on groundwater aspect of the fuel release.

Appendix A presents historical operation and monitoring data for the Former Fuel Offloading Rack SVE system and the KAFB-1065 SVE system. Table A-1 presents the historical soil vapor monitoring summary, Table A-2 presents the historical influent and exhaust soil vapor samples and cumulative hydrocarbon recovery quantities, and Table A-3 presents historical soil vapor analytical results. As data are collected for the new KAFB-1066 and KAFB-1068 SVE systems, that information will be tabulated in similar comprehensive tables. Soil vapor data from the current reporting period is discussed in this section and in Section 3 and the data quality evaluation report for the soil vapor samples is included in Appendix B with all other site analytical data for this reporting period. Groundwater monitoring well installation activities and data are primarily presented in Section 3 in association with discussions on sitewide monitoring activities with the specific Well Completion Report for the new monitoring wells presented specifically as Appendix C.

2.2 SVE System Operation

The following sections summarize the operation of the SVE system during each of the reporting period's quarters.

2.2.1 Operating Hours

Table 2-1 summarizes the operational run time percentages for the Former Fuel Offloading Rack and KAFB-1065 SVE systems for each month within the reporting period, and the operational run time percentage for the KAFB-1068 SVE system for the portion of March 2009 that the system was operational.

During the combined two quarters of the reporting period from October 1, 2008 through March 31, 2009, the Former Fuel Offloading Rack SVE system was operational 92.8 percent of the total time. Individually, engine E1 was operational 4,142 hours out of a possible 4,368 hours, a 94.5 percent operational time. Engine E2 was operational 3,961 hours out of a possible 4,368 hours, a 90.7 percent operational time. At least one engine was operational and actively removing and destroying contaminated subsurface soil vapor during all days of the reporting period, a 100 percent effective operation for the period.

During the combined two quarters of the reporting period, the KAFB-1065 Rack SVE system was operational 81.3 percent of the total time. Individually, engine E1 was operational 3,581 hours out of a possible 4,368 hours, an 82.0 percent operational time. Engine E2 was operational 3,519 hours out of a possible 4,368 hours, an 80.6 percent operational time. At least one engine was operational and actively removing and destroying contaminated subsurface soil vapor during all 156 of the available 182 days of the reporting period, an 85.7 percent effective operation for the period.

The new KAFB-1068 SVE system was installed during early March 2009, and following a startup and troubleshooting period, the system was operating full time as of March 5, 2009. From March 5, 2009 through the end of the quarter, the system was operational 88.4 percent of the total time. At least one engine was operational and actively removing and destroying contaminated subsurface soil from the time of KAFB-1065 system start up through the end of the reporting period, a 100-percent effective operation for the period.

The new KAFB-1066 SVE system was installed during late March 2009. The quarter ended during the startup and troubleshooting period. Due to the short operational time of this system during the reporting period, this system will be discussed only on a limited basis in this report.

Table 2-1. SVE Operations Summary, Fourth Quarter 2008 and First Quarter 2009, Bulk Fuels Facility

Operational Period	Hours in Period	Former Fuel Offloading Rack SVE System			
		Operational Hours	Percent Operational	Operational Hours	Percent Operational
		Engine 1		Engine 2	
October	744.0	547.0	73.5%	366.0	49.2%
November	720.0	702.6	97.6%	702.6	97.6%
December	744.0	740.9	99.6%	740.9	99.6%
Fourth Quarter Total	2208.0	1990.5	90.1%	1809.5	82.0%
January	744.0	741.4	99.7%	741.4	99.7%
February	672.0	669.7	99.7%	671.3	99.9%
March	744.0	740.0	99.5%	738.9	99.3%
First Quarter Total	2160.0	2151.1	99.6%	2151.6	99.6%

Operational Period	Hours in Period	KAFB-1065 SVE System			
		Operational Hours	Percent Operational	Operational Hours	Percent Operational
		Engine 1		Engine 2	
October	744.0	392.7	52.8%	393.1	52.8%
November	720.0	710.4	98.7%	583.5	81.0%
December	744.0	444.0	59.7%	510.2	68.6%
Fourth Quarter Total	2208.0	1547.1	70.1%	1486.8	67.3%
January	744.0	712.1	95.7%	706.6	95.0%
February	672.0	660.0	98.2%	645.5	96.1%
March	744.0	661.8	89.0%	679.7	91.4%
First Quarter Total	2160.0	2033.9	94.2%	2031.8	94.1%

Operational Period	Hours in Period	KAFB-1068 SVE System			
		Operational Hours	Percent Operational	Operational Hours	Percent Operational
		Engine 1		Engine 2	
March 5 through March 31	637.5	495.2	77.7%	631.5	99.1%

2.2.2 Maintenance Activities and Downtime

Since the SVE systems consist of ICEs that operate continuously, they require the same type of regular maintenance as an engine in any motor vehicle, such as changing the oil, oil filter, spark plugs, air filter, and coolant, and other general maintenance items. Routine system maintenance is performed in accordance with the *Operations and Maintenance Manual for the Soil Vapor Extraction and Treatment System, Bulk Fuels Facility (ST-106)* (USAF, 2005).

The primary maintenance interval for the SVE systems ICEs is every 360 hours (approximately 2 weeks), as recommended by the system manufacturer. Routine biweekly maintenance includes changing the oil, oil filter, and spark plugs; checking the coolant level and adding coolant as needed; cleaning the air filter; and checking all belts hoses and connections. Additionally, changing the air filter and fan belt are also considered routine maintenance although these activities are only performed on a monthly basis. Also, the propane tank for each SVE system is routinely filled weekly to maintain sufficient quantities of supplemental fuel at all times for optimal system operation and as needed for restart conditions.

In addition to routine maintenance activities, the following tasks, which are also considered expected maintenance activities although required on a less frequent basis, were performed during the current reporting period:

Former Fuel Offloading Rack SVE system
- Replaced E2 carburetor.
- Replaced E1 engine hour counter.

KAFB-1065 SVE system
- Replaced E1 starter.
- Replaced E1 starter solenoid.
- Replaced E1 alternator.
- Replaced E1 distributor cap and rotor.
- Replaced E2 spark plug wires.

Due to the recent installation of the KAFB-1068 SVE system, no additional maintenance activities were required during the remainder of the reporting period for that system.

As with the operational hours, the SVE systems' maintenance, downtime, and upset condition information is summarized in tabular format as Table 2-2. The Former Fuel Offloading Rack SVE system experienced limited downtime during the fourth quarter of 2008. Both E1 and E2 were shut down during October for the troubleshooting and replacement of the E2 carburetor, following carburetor replacement the system was operational for the remainder of the quarter. During the first quarter of 2009, E1 and E2 of the Former Fuel Offloading Rack SVE system were only shut down during routine maintenance events.

The KAFB-1065 SVE system experienced moderate downtime during the fourth quarter of 2008. During October 2008 both E1 and E2 were shut down for design and construction of the condensate recovery system. During December, E1 was shut down during troubleshooting and replacement of the starter and starter solenoid, and E2 automatically shut down on several occasions due to high water condensate conditions. During the first quarter of 2009, E1 and E2 of the KAFB-1065 SVE system experienced limited downtime. The engines were shut down for during routine and occasional high water condensate

conditions. At the end of March, E1 was shut down for troubleshooting of the electrical system and replacement of the alternator, spark plug wires, and distributor cap and rotor.

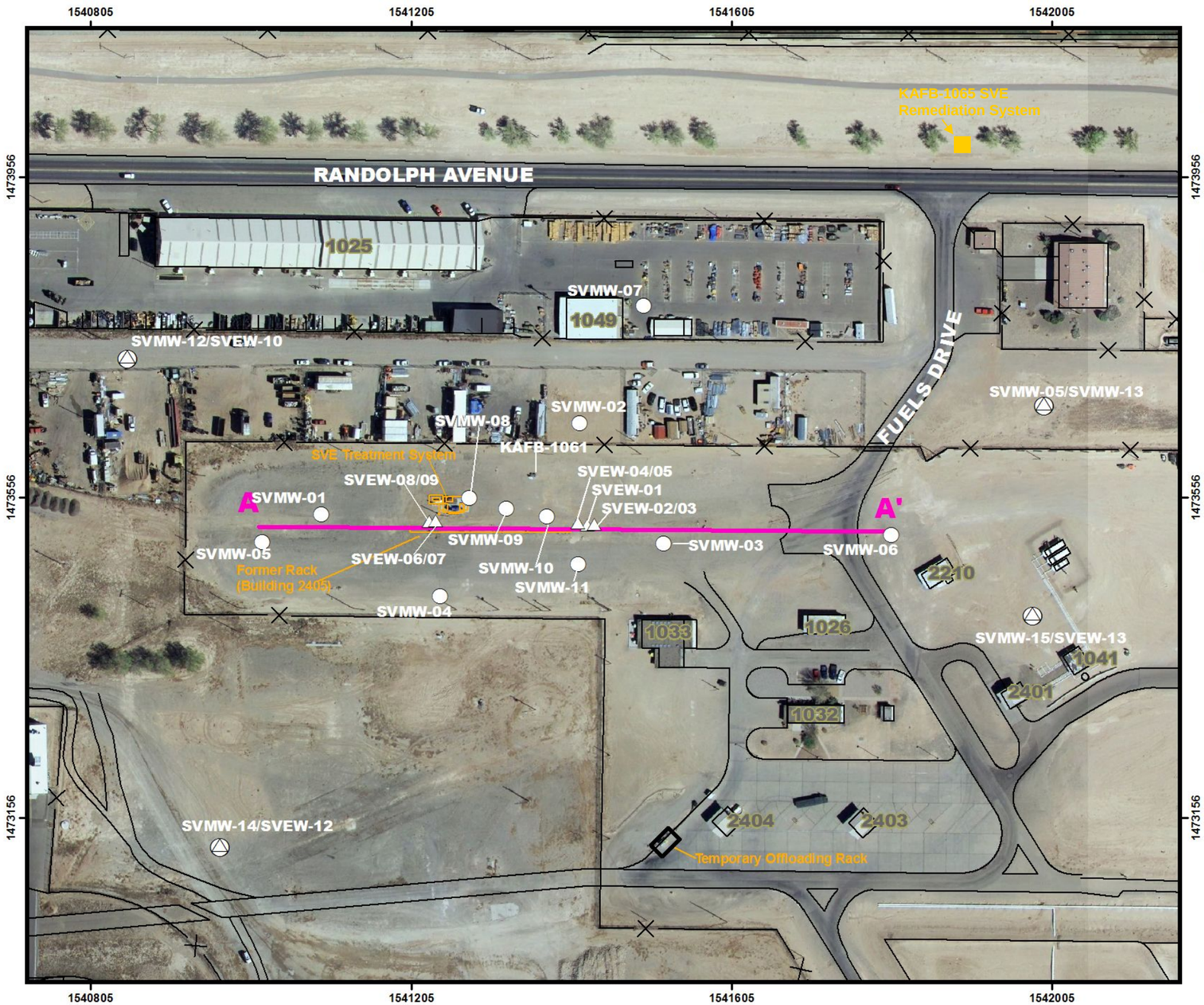
During the period that the KAFB-1068 SVE system operated in this reporting period, E2 experienced downtime only in response to shutdowns for routine maintenance, and E1 experienced downtime at the end of March for troubleshooting.

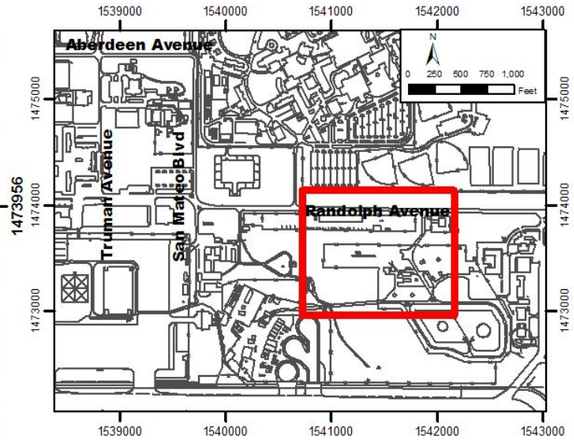
The SVE system maintenance activities generate both non-hazardous and Resource Conservation and Recovery Act (RCRA) hazardous wastes that are routinely removed from the site for proper disposal by a certified waste hauler. During the reporting period non-hazardous waste materials removed from the site for disposal included two 30-gallon drums of used motor oil. These materials were disposed of by fuels blending and recycling. Waste disposal documentation is provided in Appendix D.

Table 2-2. Quarterly SVE System Maintenance and Down Time Summary, Fourth Quarter 2008 and First Quarter 2009, Bulk Fuels Facility

Month	Fuel Rack SVE System Maintenance and System Down Time
October	10/10 routine maintenance 10/16 troubleshoot Fuel Rack SVE system carburetors 10/21 condensate system hooked up 10/23 new carburetor installed on E1 10/29 routine maintenance
November	11/17 routine maintenance
December	12/3 routine maintenance 12/17 routine maintenance 12/31 routine maintenance
January	1/13 routine maintenance 1/16 new engine hour counter installed on E1 1/28 routine maintenance
February	2/13 routine maintenance 2/26 routine maintenance
March	3/13 routine maintenance 3/26 routine maintenance
Month	**1065 SVE System Maintenance and Down Time**
October	10/10 routine maintenance 10/16 start of condensate recovery system design and construction 10/29 routine maintenance
November	11/17 routine maintenance 11/21 E2 off for high condensate alarm
December	12/3 routine maintenance 12/17 routine maintenance 12/23 E1 starter and start solenoid replaced 12/31 routine maintenance
January	1/13 routine maintenance 1/28 routine maintenance
February	2/13 routine maintenance 2/26 routine maintenance
March	3/13 routine maintenance 3/17 hydraulic fluid drain and replacement 3/20 E1 alternator, spark plug wires, distributor cap and rotor replaced 3/26 routine maintenance
Month	**1068 SVE System Maintenance and System Down Time**
March	3/5 system installed, system troubleshooting and startup 3/26 routine maintenance
Month	**1066 SVE System Maintenance and System Down Time**
March	3/26 system installed 3/30 system troubleshooting and startup

THIS PAGE INTENTIONALLY LEFT BLANK.





LEGEND

- △ Soil vapor extraction well
- ○ Soil vapor monitoring well
- 1541812 NM Central State Plane Feet, NAD 83

N

0 100 200 300 Feet

Semi-Annual Summary and Performance Report
October 2007 through March 2008
Bulk Fuels Facility

Figure 2-1

Location of Soil Vapor Monitoring and Extraction Wells.
Bulk Fuels Facility

Revision Date: 14 May 2008

THIS PAGE INTENTIONALLY LEFT BLANK

2.2.3 SVE System Condensate Generation

Liquid condensate is primarily generated during cooler-season months (typically October through April). The condensate liquid is generated as warm, moisture-laden subsurface soil vapor moves up the extraction wells to the surface and is transported through the cold surface piping. The significant change in soil vapor temperature as it moves from the extraction well screens to the well SVE systems causes the moisture in the influent vapor stream to condense. On each of the SVE systems, a primary, standalone, 40- or 55-gallon-capacity moisture separator was added to the SVE system to allow additional condensate removal capacity to the moisture knockout system provided on the SVE system by the manufacturer. The Former Fuel Offloading Rack system has a 40-gallon capacity moisture separator. Each of the KAFB-1065, KAFB-1066, and KAFB-1068 systems has a 55-gallon capacity separator. As shipped from the manufacturer, the SVE and treatment system includes two moisture knockout systems. The larger of the two systems includes one 20-gallon collector tank mounted on the front of the system trailer. The smaller knockout system includes separate, smaller 5-gallon tanks, one per engine, located in the vapor stream inlet piping inside the center compartment of the SVE trailer.

Currently, at all systems, the process vapor and condensed-liquid stream is directed from the well manifold into the primary 40-gallon moisture separator where liquid condensate is collected in the drum. The vapor flow is then directed to the secondary moisture separator unit located on the front of the treatment unit trailer, and then to the ICEs. At each engine's vapor intake, the smaller moisture separators serve as tertiary knockouts to remove any remaining moisture present in the vapor stream. The secondary moisture separator on the front of the treatment unit trailer includes a condensate transfer pump, which was plumbed to allow draining of the primary, secondary, and tertiary moisture separators.

Due to benzene concentration and flammability, generated condensate is profiled, transported, and disposed of as a RCRA hazardous waste. Eleven drums of condensate (nine 55-gallon drums and two 30-gallon drums) totaling 3,545 pounds, were removed from the site during the reporting period and were taken to a permitted offsite waste disposal facility for incineration. Waste disposal documentation is provided in Appendix D.

2.3 SVE System Extraction Details and Operational Modifications

During the reporting period of October 2008 through March 2009, the Former Fuel Offloading Rack SVE system was actively extracting soil vapor from extraction wells SVEW-01, SVEW-04, SVEW-05, SVEW-08, and SVEW-09, as indicated in Table 2-3. Soil vapors from the active wells comprised the system's combined influent vapor (well locations are shown in Figure 2-1.) Wells SVEW-01 and SVEW-08 have been included as extraction locations since system operation began because they are screened immediately above the clay horizon, which is believed to have trapped a large volume of fuel product as it moved downward from the leaking offloading rack through the soil profile. During July 2008, extraction wells SVEW-05 and SVEW-09 were reintroduced as active extraction points. Field measurements from these wells had indicated slight, but apparently increasing, hydrocarbon concentrations at the 450-ft interval during the second quarter of 2008 relative to the first quarter and 2007 conditions. Active extraction at the 450-ft interval had been stopped in November 2006 because it was inferred that focused extraction at the mid-level depths may provide sufficient pneumatic containment to prevent high-concentration vapors from the rack area from penetrating deeper into the vadose zone and potentially impacting groundwater. However, the identification of a substantial PSH plume on the groundwater relatively proximal to the Former Fuel Offloading Rack area in 2007, suggested that vapor migration from the shallow vadose zone to the groundwater probably had less impact on groundwater quality than did the nearby PSH. Therefore, within the context of the slightly

increasing concentrations observed throughout the second quarter of 2008 in the 450-ft interval extraction wells, it was determined the reactivation of these deeper extraction wells was merited.

Table 2-3. Former Fuel Offloading Rack SVE System Extraction Well Number and Depth of Screened Interval

Extraction Well	Depth of Screened Interval (ft bgs)	Active Extraction Well During October 2008 through March 2009
SVEW-01	245 - 260	Yes
SVEW-02	45 – 60	No
SVEW-03	145 – 160	No
SVEW-04	298 - 313	Yes
SVEW-05	445 - 460	Yes
SVEW-06	45 – 60	No
SVEW-07	145 – 160	No
SVEW-08	245 - 260	Yes
SVEW-09	435 - 450	Yes
ft bgs = feet below ground surface.		

Since the first quarter of 2006, the well-control manifold vapor sampling ports for the inactive vapor extraction wells have been open to the atmosphere to allow atmospheric oxygen to be drawn by vacuum into the subsurface through the inactive well screens. The ports remained open during this reporting period.

Currently, the KAFB-1065 SVE system is only extracting vapors from well KAFB-1065, the KAFB-1066 SVE system only from well KAFB-1066, and the KAFB-1068 system only from well KAFB-1068. The extraction well information is summarized in Table 2-4.

Table 2-4. KAFB-1065, KAFB-1066, and KAFB-1068 SVE Systems Extraction Well Number and Depth of Screened Interval

Extraction Well	Depth of Screened Interval (ft bgs)	Active Extraction Well During October 2008 through March 2009
KAFB-1065	484 – top of water table	Yes
KAFB-1066	483.5 – top of water table	No [a]
KAFB-1068	486 – top of water table	Yes [b]
ft bgs = feet below ground surface. a - system installed in late March 2008, system operating in start up and troubleshooting mode, extraction not active at the end of the reporting period. b - system installed in early March 2008, active from March 5 through the end of the reporting period.		

2.4 SVE System VOC Destruction Efficiency Monitoring

2.4.1 Former Fuel Offloading Rack SVE System

Analytical samples of the combined influent soil vapor and the pre-catalytic converter and post-catalytic converter exhaust streams were collected on October 21, 2008 and February 19, 2009. These samples were collected into pre-evacuated stainless steel summa canisters. The canisters were packaged and shipped under chain of custody to the CH2M HILL Applied Sciences Laboratory in Corvallis, Oregon, for the following analyses:

- VOCs including acetone, methyl tertiary butyl ether (MTBE), and 2-butanone (MEK) by Method TO-14.
- Acetone by Method TO-12.
- Fixed gases (oxygen, nitrogen, carbon monoxide, carbon dioxide, and methane) by Method SM 2720C.
- Total petroleum hydrocarbon (TPH) gasoline range organics (GRO) by Method SW8015.

The laboratory analytical results are summarized in Table 2-5. The analytical data for the influent and exhaust samples provide information on the nature of the subsurface vapor constituents. As historically has been the case, during this reporting period most positively detected compounds in the influent soil vapor samples and those with the highest relative concentrations were fuel-related compounds. Also as discussed during previous reporting periods, concentrations of the compounds acetone and methyl ethyl ketone (MEK) continue to be detected in substantial quantities in the SVE influent. It has now been determined that these ketone compounds are byproducts associated with the degradation of fuel-related volatile organic compounds (VOCs). Low concentrations of some chlorinated compounds were detected during this reporting period in the post-catalytic samples from the engines. Similar low, transient concentrations of chlorinated compounds have been historically observed and the presence of such compounds in the post-catalytic samples will continue to be monitored.

The complete laboratory analytical data packages for vapor samples collected this reporting period are included with all other site analytical data in Appendix B. The cumulative summary of influent and exhaust soil vapor results to date, including this period, are presented in Appendix A.

Table 2-5. Summary of Vapor Inlet and Exhaust Detected Laboratory Sample Results, October 2008 through March 2009, Former Fuel Offloading Rack SVE System (Continued, Page 1 of 2)

Analytes	SVE System Inlet and Outlet Sample ID and Date Collected		
Fourth Quarter 2008 Sampling Event	**SVE Inlet**	**SVE PostCat, Engine E1 [a)]**	**SVE PostCat, Engine E2**
	10/21/08		**10/21/08**
VOCs (ppbv)			
1,2,4-Trimethylbenzene	2,630 J	---	32.1
1,3,5-Trimethylbenzene	< 1,677	---	14.3
Methylene Chloride	6170 J	---	16.6
Acetone	70,000	---	75
Benzene	234,000	---	70
Bromomethane	<1,408	---	2.69 J
Chloromethane	<1,392	---	1.48 J
Ethylbenzene	22,700	---	38.4
m,p-Xylenes	74,500	---	109
o-Xylenes	17,600	---	37.9
MEK (2-Butanone)	12,100 J	---	8.18
Methyl-tert-butyl ether (MTBE)	<1,082	---	10.7
Toluene	587,000	---	179
Petroleum Hydrocarbons (μg/L)			
TPH – Gasoline	73,900	---	<14.7
Fixed Gases (percent)			
Oxygen	17	---	7.15
Nitrogen	81.2	---	88.3
Carbon Dioxide	0.8 J	---	10.5

a) At the time of sampling, the E1 engine was undergoing repairs and was not operating; therefore, a sample could not be collected.

Table 2-5. Summary of Vapor Inlet and Exhaust Laboratory Sample Results, October 2008 through March 2009, Former Fuel Offloading Rack SVE System (Concluded, Page 2 of 2)

Analytes	SVE System Inlet and Outlet Sample ID and Date Collected		
First Quarter of 2009 Sampling Event	SVE Inlet	SVE PostCat, Engine E1	SVE PostCat, Engine E2
	02/19/09	02/19/09	02/19/09
VOCs (ppbv)			
Acetone	468,000	1,300	2,350
Chloromethane	<1,168	4.16 J	<4.63
Benzene	223,000	464	213
Bromomethane	<633	168	56.1
Ethylbenzene	33,600	34.6	30.6
Ethylene Dibromide (EDB)	664 J	<5.25	0.54 J
m,p-Xylenes	89,200	106	102
MEK (2-Butanone)	61,900	83.8	1,350
o-Xylene	24,700	41.3	38.8
1,1-Dichloroethane	<145	12 J	<0.58
1,1-Dichloroethene	<310	14.8 J	<1.23
1,2-Dichloroethane (EDC)	5,010 J	<2.96	5.13 J
1,2-Dichlorobenzene	<948	5.58 J	<3.76
Trichloroethene	<344	14.1 J	<1.36
Tetrachloroethane	<190	26.3	<0.76
Toluene	474,000	162	161
1,2,4-Trimethylbenzene	6,660 J	28.8	25 J
1,3,5-Trimethylbenzene	2,840 J	12.2 J	11.1 J
1,1,1-Trichloroethane	<213	53.8	<0.85
1,1,2-Trichloro-1,2,2-trifluoroethane	<145	9.68 J	<0.85
Petroleum Hydrocarbons (μg/L)			
TPH – Gasoline	32,100	284	309
Fixed Gases (percent)			
Oxygen	16	5.52	4.24
Nitrogen	72.5	74	76.6
Carbon Dioxide	1.2	8.84	10.1

J The analyte was positively identified, but the numerical value is below the reporting limit (RL).
μg/L microgram per liter.
ppbv parts per billion by volume.
< The analyte was not detected. The associated numerical value is the reporting limit (RL).

The analytical data from the SVE systems' influent and exhaust streams provide information on the nature of subsurface vapor compounds, but these analytical data are primarily used to monitor system destruction efficiency. The destructive removal efficiency (DRE) of the SVE systems is a principal measure of the system performance. The DRE is calculated as follows:

$$Destruction\ Efficiency = \left(\frac{C_{inlet} - C_{outlet}}{C_{inlet}} \times 100 \right)$$

where:

C_{outlet} is the TPH concentration of the exhaust.
C_{inlet} is the TPH concentration of the SVE and treatment system inlet.

For the Former Fuel Offloading Rack SVE system, the October 2008 laboratory reported exhaust TPH concentrations for engine E2 was <14.7 μg/L. The DRE calculation using the laboratory-measured combined vapor inlet and exhaust TPH concentrations (Table 2-5) for the period of October through December 2008 is shown below.

$$Destruction\ Efficiency = \left(\frac{73{,}500 - 14.7}{73{,}500} \times 100 \right) = 99.9\%$$

When using the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream (data presented Table 3-1) the DREs for October and December 2008 were 95.3 and 98.5 percent, respectively. Horiba measurements were not collected during November 2008 due to instrument malfunctions.

The February 2009 laboratory reported exhaust TPH concentrations for engines E1 and E2 were 284 μg/L and 309 μg/L, respectively (averaging 296 μg/L). The actual DRE calculation using the laboratory-measured combined vapor inlet and average exhaust TPH concentrations (Table 2-3) for the period of January through March 2009 is as follows:

$$Destruction\ Efficiency = \left(\frac{32{,}100 - 296}{32{,}100} \times 100 \right) = 99.0\%$$

When using the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream (data presented in Table 3-1), the calculated DRE for January and February 2009 were 99.7 and 99.8 percent, respectively.

2.4.2 KAFB-1065 SVE System

The KAFB-1065 SVE system was installed in August 2008 and the first series of influent and exhaust samples were collected from that system on October 21, 2008 and February 21, 2009. Those data are presented in Tables 2-6 and 2-7, respectively.

Table 2-6. Summary of Vapor Inlet and Exhaust Detected Laboratory Sample Results, October 2008, KAFB-1065 SVE System

Analytes	SVE System Inlet and Outlet Sample ID and Date Collected		
Fourth Quarter 2008 Sampling Event	KAFB-1065 Inlet	KAFB-1065 PostCat, Engine E1	KAFB-1065 PostCat, Engine E2
	10/21/08	10/21/08	10/21/08
VOCs (ppbv)			
1,2,4-Trichlorobenzene	<17,150	29.1 J	<21
1,2,4-Trimethylbenzene	15,300 J	325	<21
1,3,5-Trimethylbenzene	9,220 J	145	<21
1,2-Dichloroethane (EDC)	4,070 J	<84.5	<21
Acetone	<17,150	230	51.5
Benzene	780,000	3,250 J	850
Bromomethane	<17,150	10.5 J	2.59 J
Chloroethane	4,040 J	<84.5	<21
Ethylbenzene	91,600	530	<21
m,p-Xylenes	215,000	1,390	<21
MEK (2-Butanone)	<17,150	<84.5	6.42 J
MTBE (Methyl tert-Butyl Ether)	<17,150	10.4 J	<21
Methylene chloride	3,290 J	33.1 J	4.64 J
o-Xylene	58,600	510	<21
Styrene	<17,150	17.5 J	<21
Toluene	996,000	2,830	11.5 J
Petroleum Hydrocarbons (μg/L)			
TPH – Gasoline	215,000	488	141
Fixed Gases (percent)			
Oxygen	8.59	4.70	10.8
Nitrogen	85.2	83.9	83.3
Carbon Dioxide	3.03	10.6	6.90

J The analyte was positively identified, but the associated numerical value is below the reporting limit (RL).
μg/L microgram per liter.
ppbv parts per billion by volume.

< The analyte was not detected. The associated numerical value is the reporting limit (RL).

Table 2-7. Summary of Vapor Inlet and Exhaust Detected Laboratory Sample Results, February 2009, KAFB-1065 SVE System

Analytes	SVE System Inlet and Outlet Sample ID and Date Collected		
First Quarter of 2009 Sampling Event	SVE Inlet	SVE PostCat, Engine E1	SVE PostCat, Engine E2
	02/19/09	02/19/09	02/19/09
VOCs (ppbv)			
Acetone	<1,896	47.3 J	185
Benzene	490,000	4,700	9,100
Bromomethane	<1,025	20.5 J	<12.45
Ethylbenzene	42,500	270	103 J
Ethylene Dibromide (EDB)	<1,928	3.94 J	<23.42
m,p-Xylenes	120,000	973	<16.43
MEK (2-Butanone)	<831	115	72.8 J
o-Xylene	34,900	319	147
1,2-Dichloroethane (EDC)	2,820 J	81.8	22.1 J
Toluene	704,000	1,740	822
1,2,4-Trimethylbenzene	7,310 J	161	67.6 J
1,3,5-Trimethylbenzene	4,150 J	72.5	31.7 J
1,1,1-Trichloroethane	<1,103	<1.67	778
1,1-Dichloroethane	<1,052	<1.14	75J
1,1-Dichloroethene	<878	<2.43	29 J
1,1-Trichloroethane	<2,289	<1.22	34.2 J
1,1,2-Trichloro-1,2,2-trifluoroethane	<836	<1.14	24.8 J
Petroleum Hydrocarbons (μg/L)			
TPH – Gasoline	75,300	843	1,230
Fixed Gases (percent)			
Oxygen	11.1	2.72	4.48
Nitrogen	76.2	74.2	74.4
Carbon Dioxide	2.38	9.79	8.75

J The analyte was positively identified but the associated numerical value is below the reporting limit (RL).
μg/L microgram per liter.
ppbv parts per billion by volume.
< The analyte was not detected. The associated numerical value is the reporting limit (RL).

The DRE calculations for the KAFB-1065 SVE system are performed in the same manner as those for the Former Fuel Offloading Rack SVE system. For the KAFB-1065 SVE system, the October 2008 laboratory reported exhaust TPH concentrations for engines E1 and E2 were 488 μg/L and 141 μg/L, respectively (averaging 314.5 μg/L). The DRE calculation using the laboratory-measured combined vapor inlet and exhaust TPH concentrations (Table 2-5) for the period of October through December 2008 is as follows:

$$Destruction\ Efficiency = \left(\frac{215{,}000 - 314.5}{215{,}000} \times 100 \right) = 99.85\%$$

When using the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream (data presented in Table 3-1), the calculated DRE for October 2008 is 99.8 percent. Horiba field measurements were not collected during November and December 2008 due to instrument malfunctions.

For the KAFB-1065 SVE system, the February 2009 laboratory reported exhaust TPH concentrations for engines E1 and E2 were 843 μg/L and 1,230 μg/L, respectively (averaging 1036 μg/L). The DRE calculation using the laboratory-measured combined vapor inlet and exhaust TPH concentrations (Table 2-5) for the period of January through March 2009 is as follows:

$$Destruction\ Efficiency = \left(\frac{73{,}500 - 1{,}036}{73{,}500} \times 100 \right) = 98.6\%$$

When using the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream (data presented in Table 3-1), the calculated DREs for January and February 2009 are 99.4 and 99.2 percent, respectively.

2.4.3 Applicability of Bernalillo County Air Emissions

Kirtland AFB has reviewed the potential applicability of the Albuquerque/Bernalillo County Air Quality Control Board Source Registration regulation, 20.11.40 New Mexico Administrative Code (NMAC), and the Authority to Construct regulation, 20.11.41 NMAC for the SVE and treatment system.

The Source Registration regulation requires that a Source Registration be obtained from the Albuquerque Environmental Health Department (AEHD) if the source's potential emissions exceed 2,000 pounds per year (lb/yr) of any air contaminant or any hazardous air pollutant (HAP). The Authority to Construct Regulation requires a permit for any source, new or modified, that has a potential, pre-controlled emission rate exceeding 10 pounds per hour (lb/hr) or 25 tons per year (tons/yr) of any regulated air contaminant for which there are federal or New Mexico Ambient Air Quality Standards. A source that requires an Authority to Construct Permit incorporates the requirements of a Source Registration, so if the thresholds for Source Registration are exceeded, only an application for an Authority to Construct Permit needs to be submitted to the AEHD. The initial emission calculations for the SVE system assumed the worst case condition of no emission controls and a fuel source consisting solely of propane because the actual composition of the soil gas is variable and unknown. It was also assumed that the engines operate a maximum of 8,760 hours per year.

Based upon these initial conditions, carbon monoxide (CO) annual emissions were calculated to be 0.040 ton/yr (80 lb/yr), nitrogen oxides annual emissions were calculated to be 0.29 ton/yr (580 lb/yr), and VOCs annual emissions were calculated to be 0.29 ton/yr (580 lb/yr). As configured in the field, the SVE system is not capable of having uncontrolled emissions, since ICEs, by their operation, destroy the VOCs during the combustion process. If the engines are operational, then the VOCs are being destroyed; if the engines are not operational, then no VOCs are being processed and cannot be emitted. Based on the calculated emissions, Kirtland AFB initially determined that the project would not emit criteria pollutants in quantities that would exceed either the Source Registration or Authority to Construct regulatory thresholds.

In August 2008, the Albuquerque Environmental Health Department provided Kirtland AFB direction that the SVE systems are considered stationary sources subject to permitting in accordance with 20.11.41 NMAC and that potential emissions should be calculated based on the worst-case fuel mixture entering the SVE system based on historical data. The 20.11.41 NMAC permit application for the SVE system was submitted to AEHD in December 2008, and 20.11.41 NMAC Permit #1984 for the eight SVE engines was issued on 30 April 2009. The permit authorizes the engines to run continuously.

Total permitted emission limits for the eight engines are summarized in Table 2-8.

Table 2-8. 20.11.41 NMAC Permit #1984 Emission Limits for Eight SVE Engines

Pollutant	Pounds per hour	Tons per year
Nitrogen Oxides (NOx)	1.94	8.48
Carbon Monoxide (CO)	17.03	74.58
Sulfur Dioxide (SO2)	0.34	1.50
Volatile Organic Compounds (VOC)	8.72	38.21
Total Suspended Particulate (TSP)	0.092	0.40
Particulate Matter less than 10 micrometers in diameter (PM10)	0.092	0.40
Particulate Matter less than 2.5 micrometers in diameter (PM2.5)	0.092	0.40
Hazardous Air Pollutants (HAPs)	0.39	1.70

2.5 SVE System Hydrocarbon Extraction Quantities

Vapor samples from all SVEWs, soil vapor monitoring wells (SVMWs), and the SVE system inlet and exhausts were analyzed onsite using a Horiba Mexa 554J emissions analyzer for petroleum hydrocarbon concentration in parts per million by volume (ppmv) and for percent oxygen (O_2), carbon monoxide (CO), and carbon dioxide (CO_2). Pressure measurements were collected with Magnehelic® gauges in units of inches of water. The soil vapor samples and subsurface pressure measurements were collected through the sample ports installed below each well's shutoff valve at the base of the well-control manifold.

For the SVE system at the Former Fuel Offloading Rack the hydrocarbon concentrations from the SVE system influent as measured in the field with the Horiba instrument are used in the hydrocarbon recovery calculations. The other field measured parameters and pressure measurements are used to support system operational modification decisions. For the KAFB-1065 SVE system the hydrocarbon concentrations of the SVE influent are directly recorded by the system.

2.5.1 Former Fuel Offloading Rack SVE System

The pressure monitoring data, Horiba field data, and other operational parameters for the Former Fuel Offloading Rack SVE system are summarized in Table 2-9. The table also shows the calculated hydrocarbon recovery amounts. Table A-2 in Appendix A presents the historical field data and cumulative recovery amounts for the Former Fuel Offloading Rack system.

Table 2-9 presents the calculated cumulative hydrocarbon quantity recovered and destroyed by the SVE system at the Former Fuel Offloading Rack since initiation of soil vapor recovery at the site through the end of September 2008. Table 2-9 presents only the calculated monthly recovery quantities and the additive cumulative recovery for the two quarters in the reporting period. Historical hydrocarbon recovery quantities since the start of operation are presented in Appendix A.

Table 2-9. Cumulative Hydrocarbon Recovery Data, October 2008 through March 2009, Former Fuel Offloading Rack

Field Parameter	Sample Date 9/30/2008 [a]		Sample Date 10/24/2008		Sample Date 11/25/2008		Sample Date 12/8/2008		Sample Date 12/31/2008	
Pressure (in H_2O)	-5.2		-30		-30		-29		NA	
HC (ppmv)	28,890		10,872		23,850		23,490		12,447	
O_2 (percent)	13.70		17.56		NA		17.76		17.26	
CO (percent)	0.1		0.02		0.08		0		0.01	
CO_2 (percent)	3.34		0.86		3.50		3.02		2.28	
Active Wells	SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	48	48	35	52	48	46	52	28	53	50
Well Gas Inlet Flow Rate (m3/hr)	81.6	81.6	59.5	88.3	81.6	78.2	88.3	47.6	90.0	85.0
Engine Hours	290.0	297.3	657.5	480.0	1,405.1	1,230.3	1,721.6	1,542.6	2,271.1	2,097.4
Hours of Operation	290.0	297.3	367.5	182.7	747.6	750.3	316.5	312.3	549.5	554.8
Hydrocarbon Recovery (gallons equivalent)	1,033	1,059	359	265	2,199	2,115	993	528	931	887
Cumulative Hydrocarbon Recovery (gallons equivalent)	141,026		141,651		145,965		147,486		149,305	

Field Parameter	Sample Date 1/29/2009 [b]		Sample Date 2/17/2009		Sample Date 3/24/2009		Sample Date 3/31/2009	
Pressure (in H_2O)	-30		-30		-30		-30	
HC (ppmv)	15,201		16,830		15,930		20,970	
O_2 (percent)	17.75		17.70		17.35		17.49	
CO (percent)	0		0.01		0.01		0	
CO_2 (percent)	2.32		2.82		2.20		2.44	
Active Wells	SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	47	51	49	50	41	45	44	33
Well Gas Inlet Flow Rate (m3/hr)	79.9	86.6	83.3	85.0	69.7	76.5	74.8	56.1
Engine Hours	286.4 [c]	2,766.9	760.6	3,241.1	1,598.2	4,079.1	1,777.4	4,258.3
Hours of Operation	669.4	669.5	474.2	474.2	837.6	838.0	179.2	179.2
Hydrocarbon Recovery (gallons equivalent)	1,229	1,334	1,005	1,025	1,406	1,544	425	319
Cumulative Hydrocarbon Recovery (gallons equivalent)	151,868		153,898		156,847		157,591	

c. September 30, 2008 E2 well flow set to be the same as E1.
b. The January 29, 2009 well flow is from February 3, 2009.
c. E1 hour counter was replaced at 2654.1 hours.
m3/hr – cubic meter per hour.
scfm - standard cubic feet per minute.

The vapor stream concentrations are measured by the Horiba instrument in ppmv, which can be converted to kilogram per cubic meter (kg/m^3) for use in the following equation:

$$C = \frac{(conc)(MW)}{RT}$$

where:

conc = vapor concentration (Horiba ppmv reading x 10^{-6})
MW = molecular weight of the vapor (98)
R = gas constant (0.0821) (L·atm/mol·K)
T = temperature (Kelvin [K]) (290)

Mass removal is estimated using the following conversion:

$$M = CQT$$

where:

M = cumulative mass removed (kilogram [kg])
C = vapor concentration (kilogram per cubic meter [kg/m^3])
Q = extraction flow rate (cubic meter per hour [m^3/hr])
T = operational period (hour)

As an example, the mass (kilograms [kg]) of recovered hydrocarbons for engine E1 during the period October 24 to November 25, 2008 can be calculated using the measured influent vapor concentration from November 25 (23,850 ppmv; Table 2-9), the well-gas inlet flow rate (81.6 cubic meters per hour [m^3/hr]; Table 2-2), the engine E1 operational hours during the period (747.6 hours), and the constants defined above as follows:

$$C = \frac{\left(23{,}850 \times 10^{-6}\right) \times 98}{0.0821 \times 290} = 0.098 \text{ kg/m}^3$$

$$M = (0.098)\ (81.6)\ (747.6) = 5{,}985 \text{ kg}$$

The gallons of equivalent hydrocarbon recovery are calculated using a mass to volume conversion of 6 pounds per gallon of HC product and a conversion factor of 1 kg equals 2.205 pounds:

$$\text{Volume (gallons)} = \left(5{,}985 \text{ kg}\right) \times \frac{2.205 \text{ pounds}}{1 \text{ kg}} \times \frac{1 \text{ gallon}}{6 \text{ pounds}} = 2{,}199 \text{ gallons}$$

The hydrocarbon recovery quantities provided in Table 2-9 are calculated in this manner and summed over the historical operation period to determine the cumulative hydrocarbon recovery quantity to date.

The Horiba-measured influent hydrocarbon vapor concentration from Table 2-9 is used along with the molecular weight of the influent vapor stream (98), the gas constant (0.0821), and the standard temperature (290 K) to calculate the vapor concentration (C) in kilogram per cubic meter (kg/m^3). The measured well gas inlet flow rate (m^3/hr) and hours of operation shown in Table 2-9 are then used to calculate recovered mass. The recovered mass is then converted to equivalent gallons. The hydrocarbon recovery is calculated for each engine, and cumulatively summed over the operational period.

The total hydrocarbon recovery for the Former Fuel Offloading Rack SVE system through the end of March 2009 was approximately 157,591 gallons. The SVE system extracted and destroyed approximately 8,279 equivalent gallons of petroleum hydrocarbons from October through December

2008, and approximately 8,286 equivalent gallons from January through March 2009. During the entire 6-month reporting period a total of 16,565 equivalent gallons of petroleum hydrocarbons were destroyed.

2.5.2 KAFB-1065, KAFB-1066, and KAFB-1068 SVE Systems

The more recently installed SVE remediation systems at wells KAFB-1065, KAFB-1066, and KAFB-1068 are equipped with telemetry support that allows routine downloads of a variety of system parameters. Downloaded data includes operational snapshots at 4-hour intervals that record parameters such as the system vapor flow rate and the estimated ppmv concentration of the influent well gas to the system. With these data, essentially the same hydrocarbon mass removal calculations that have historically been done for the SVE system at the Former Fuel Offloading Rack can be performed for each of the new SVE systems. However, these data collected directly from the new SVE systems via remote connection replace the monthly Horiba field measurements used in the cumulative recovered mass calculation at the Former Fuel Offloading Rack SVE system.

The hydrocarbon recovery calculations for the KAFB-1065 SVE system entailed the following:

The estimated hydrocarbon concentrations, in ppmv, of the vapor streams entering each system engine were measured directly by SVE system. Using the same calculations described for the Former Fuel Offloading Rack system, the hydrocarbon concentrations, in ppmv, which can be converted to kilogram per cubic meter (kg/m^3) for use in the following equation:

$$C = \frac{(conc)(MW)}{RT}$$

where:

conc = vapor concentration (Horiba ppmv reading x 10^{-6})
MW = molecular weight of the vapor (98)
R = gas constant (0.0821) (L·atm/mol·K)
T = temperature (Kelvin [K]) (290)

Mass removal is estimated using the same following conversion:

$$M = CQT$$

where:

M = cumulative mass removed (kilogram [kg])
C = vapor concentration (kilogram per cubic meter [kg/m^3])
Q = extraction flow rate (cubic meter per hour [m^3/hr])
T = operational period (hour)

The concentration, C, is derived as an average of the recorded estimated vapor concentrations over the reporting period. The extraction rate, Q, is derived as an average of the recorded SVE system flow rates over the reporting period. A mass value in kilograms is generated and then the gallons of equivalent hydrocarbon recovery are calculated using a mass to volume conversion of 6 pounds per gallon of hydrocarbon product and a conversion factor of 1 kg equals 2.205 pounds:

The hydrocarbon recovery quantities provided in Table 2-10 for KAFB-1065 are calculated in this manner and summed over the historical operation period to determine the cumulative hydrocarbon recovery quantity to date. During the fourth quarter of 2008 the KAFB-1065 system telemetry and remote download functions of the system were still in a start-up/trouble shooting mode and therefore a full set of recorded data is not available for the entire quarter. Quarterly laboratory analytical samples were collected from the vapor inlet during October and are used as the basis for that monthly hydrocarbon recovery calculation. Data that were recorded at the end of the quarter and the subsequent data collected

throughout the first quarter of 2009 were used to estimate average hydrocarbon concentrations and extraction flow rates for the November and December hydrocarbon recovery calculations. Standard monthly hydrocarbon recovery calculations were made for the KAFB-1065 SVE system for the first quarter of 2009 using system recorded data.

Table 2-10. Cumulative Hydrocarbon Recovery Data, October 2008 through March 2009, KAFB-1065 SVE System

Field Parameter	Sample Date 9/30/2008 [a]		Sample Date 10/21/2008		Sample Date 11/30/2008 b)		Sample Date 12/31/2008 b)	
Engine			E1	E2	E1	E2	E1	E2
HC (ppmv)			52234	52234	33199	33199	33199	33199
Well Gas Inlet Flow Rate (SCFM)			50	50	50	50	50	50
Well Gas Inlet Flow Rate (m3/hr)			85.0	85.0	85.0	85.0	85.0	85.0
Hours of Operation			547.0	366.0	702.0	702.0	741.0	741.0
Hydrocarbon Recovery (gallons equivalent)			3,671	2,456	2,994	2,994	3,161	3,161
Cumulative Hydrocarbon Recovery (gallons equivalent)	11,900		18,027		24,016		30,337	
Field Parameter	**Sample Date 1/31/2009**		**Sample Date 2/28/2009**		**Sample Date 3/31/2009**			
Engine	E1	E2	E1	E2	E1	E2		
HC (ppmv)	28913	22933	25559	22578	27329	22423		
Well Gas Inlet Flow Rate (SCFM)	49	56	51	50	47	49		
Well Gas Inlet Flow Rate (m3/hr)	79.9	86.6	86.6	85.0	79.9	83.3		
Hours of Operation	712.0	706.0	660.0	645.0	661.0	680.0		
Hydrocarbon Recovery (gallons equivalent)	2,486	2,122	2,211	1,871	2,182	1,920		
Cumulative Hydrocarbon Recovery (gallons equivalent)	34,945		39,027		43,128			

a. Reprsents starting cumulative recovery at end of prior period.
b. Average extraction rates and hydrocarbon concentration of influent vapors were extrapolated from December/January data.
m3/hr – cubic meter per hour.
scfm - standard cubic feet per minute.

The KAFB-1068 SVE system began operating on March 5, 2009. The system was started in a preliminary troubleshooting mode and a variety of downtime was incurred throughout the remainder of the reporting period while system components were installed and modified as needed. The hydraulic loading units were not engaged on the KAFB-1068 system during the startup period throughout March 2009. A monthly hydrocarbon recovery calculation was made for the KAFB-1068 SVE system using system recorded data for the period that it was operational in March 2009. The recovery quantities are presented in Table 2-11.

The KAFB-1066 SVE system was brought online on March 26, 2009 and operated in only the basic startup configuration during the remainder of the reporting period. The hydraulic loading units were not engaged on the KAFB-1066 system in March. Hydrocarbon recovery calculations were not performed for the KAFB-1066 system for the current reporting period.

Table 2-11. Hydrocarbon Recovery Data, March 5 through March 31, 2009, KAFB-1068 SVE System

Field Parameter	Sample Date	Sample Date	
	3/5/2009 [a]	3/31/2009	
Engine		**E1**	**E2**
HC (ppmv)		32974	29502
Well Gas Inlet Flow Rate (SCFM)		17	28
Well Gas Inlet Flow Rate (m3/hr)		28.9	47.6
Hours of Operation		722.0	692.0
Hydrocarbon Recovery (gallons equivalent)		1,040	1,469
Cumulative Hydrocarbon Recovery (gallons equivalent)	0	2,509	

a. Date of system startup.
m3/hr – cubic meter per hour.
scfm - standard cubic feet per minute.

2.5.3 Hydrocarbon Recovery Rate Trends

The installation of the KAFB-1065 SVE system in August 2008 and the further addition of the KAFB-1066 and KAFB-1068 SVE systems in March 2009 have substantially changed the subsurface vapor extraction regime across the Bulk Fuels Facility site. As a result of the increased subsurface vapor extraction at numerous locations several hydrocarbon recovery rate trends appear to be emerging. These trends are discussed below and will continue to evaluated in future reporting periods.

The preliminary hydrocarbon recovery rates for the KAFB-1065 system in August, September, and even into October 2008 were estimated to be near 300 gallons per day. The analytical sample concentration for the inlet vapor stream at the KAFB-1065 system collected in October 2008 indicated a recovery rate of 292 gallons per day at that time. By the end of the fourth quarter 2008 and into early January 2009 the apparent recovery rate had decreased to roughly 200 gallons per day and a gradual decrease continued through February and March 2009. In early March 2009, a further, noticeable decrease in the gross hydrocarbon concentration of the vapor inlet at the KAFB-1065 SVE system is observed and it coincides nearly exactly with the startup of the KAFB-1068 system on March 5, 2009. However, with the addition of each new SVE system the site-wide mass recovery rate, and cumulative hydrocarbon recovery volume, is increasing just not at a linear rate with the addition of each new system.

It appears two trends in subsurface hydrocarbon vapor concentrations are occurring:

- Overall, while the gross hydrocarbon concentrations in the subsurface vapor remain fairly high, a general decrease in the SVE system influent hydrocarbon concentrations has been observed. The first several months of high recovery rates for the KAFB-1065 system were most likely the result of extracting from a large, static, well developed, vapor plume. The vapor plume had equilibrated in the subsurface overlying the PSH plume and the initial recovery rates were supported for a finite period of time as pneumatic containment of that high concentration vapor plume was being established. The hydrocarbon concentrations of extracted vapors currently appear to be limited by the pore exchange rate and rate at which hydrocarbons can be physically volatilized from the fuel surface into the vapor stream. The net decrease in hydrocarbon concentrations in the SVE inlet streams is not interpreted to be an indication that the volatile constituents of the PSH are nearing full remediation but rather than

optimization efforts are necessary to balance the total mass removal and overlapping impacts of the four SVE systems.

- Secondly, with the addition of the two new systems, KAFB-1066 and KAFB-1068, in March 2009, additional decreases in subsurface vapor hydrocarbon concentrations were observed. These decreases are interpreted to be the result of interferences between the SVE systems. Whether modified radii of influence for the various systems, that may allow individual systems to push pneumatic influence into other areas, will develop over time will continue to be evaluated with longer term operation.

Operational changes and additional infrastructure modifications will be evaluated in the next reporting period to optimize the interim systems operational configurations. The goal of the optimization efforts will be to provide the maximum amount of required combustion constituents (fuel and oxygen) from the subsurface, thereby maximizing overall mass recovery rates, and achieving the highest possible total mass removal from the four combined SVE systems. Depending on conditions at the individual locations the optimization may include connecting additional extraction points to the SVE systems, modifying operational settings on some systems, or pilot tests with SVE systems moved to alternate locations.

2.6 Treatment System Operational Summary

During the combined two quarters of the reporting period from October 1, 2008 through March 31, 2009, the Former Fuel Offloading Rack SVE system was operational 93 percent of the total time and the KAFB-1065 SVE system was operational 81 percent of the total time. Operational percentages for the two new systems at KAFB-1066 and KAFB-1068 were not calculated for this reporting period because these systems primarily operated only in the start-up/troubleshooting configuration for part of March 2009.

At the Former Fuel Offloading Rack SVE system, both analytical and Horiba field sampling results for the SVE influent vapor streams and the average post-catalytic converter exhaust streams indicate DREs throughout the reporting period were greater than 95 percent. Analytical and Horiba field sampling data from the KAFB-1065 SVE system also indicate DREs of greater than 98 percent for that system.

The Former Fuel Offloading Rack SVE system extracted and destroyed approximately 16,590 equivalent gallons of petroleum hydrocarbons during the six month reporting period. The KAFB-1065 SVE system extracted and destroyed approximately 31,228 equivalent gallons of petroleum hydrocarbons during the six month reporting period. During its brief period of operation during the reporting period, the KAFB-1068 SVE system extracted and destroyed approximately 2,509 equivalent gallons of petroleum hydrocarbons. A hydrocarbon recovery total was not calculated for the KAFB-1066 SVE system installed at the end of March. The combined petroleum hydrocarbon recovery from all SVE systems for the six-month reporting period was roughly 50,000 equivalent gallons of petroleum hydrocarbons.

Data indicate that the operation of the two newest SVE systems at KAFB-1066 and KAFB-1068 is producing subsurface interference between the systems. Additionally, a slight yet definable downward trend in gross hydrocarbon concentration of the extracted subsurface vapors can be seen during this period. System operational modifications and optimization strategies will be evaluated in the next period to maximize overall mass recovery from the subsurface using all the SVE systems.

THIS PAGE INTENTIONALLY LEFT BLANK.

3. SITEWIDE MONITORING

The following sections summarize the site-wide monitoring activities performed from October 2008 through March 2009, including the vapor monitoring activities and the October 2008 and January 2009 quarterly groundwater sampling events. The soil vapor extraction (SVE) system monitoring was conducted in accordance with the schedule presented in the *Stage 2 Abatement Plan Summary and Performance Report for the Soil Vapor Extraction and Treatment System, Bulk Fuels Facility (ST-106)* (USAF, 2006a). The SVE system monitoring schedule was utilized for the Former Fuel Offloading Rack SVE and KAFB-1065 SVE system.

As part of the remedial action at the site, routine monitoring is performed on three principal components:

- Performance monitoring of the ICE units as discussed in Section 2.
- Vadose zone monitoring of the petroleum hydrocarbon vapor plume.
- Groundwater monitoring at the site in both the upgradient and downgradient directions.

Routine monitoring not related to SVE system operational monitoring specifically entails the following activities at the indicated frequency:

- Field measurements of in-situ soil vapor chemistry from soil vapor extraction wells (SVEWs) – conducted monthly.
- Field measurements of in-situ soil vapor chemistry from soil vapor monitoring wells (SVMWs), and groundwater monitoring wells – conducted quarterly.
- Field measurements of in-situ vadose zone vacuum/pressure from SVEWs – conducted monthly.
- Field measurements of in-situ vadose zone vacuum/pressure from SVMWs and groundwater monitoring wells – conducted quarterly.
- Depth-to-groundwater measurements and evaluating presence of and, if present thickness of, any PSH in groundwater monitoring wells.
- Laboratory analyses and field parameter measurements of groundwater from monitoring wells that do not contain PSH – conducted quarterly.

Site-wide monitoring remained the same during this reporting period. With the continued operation of the 1065 SVE system as well as the additional of two new SVE systems at the site during this reporting period, data are being evaluated to take into account changes in trends or effects that may be attributable to the operation of these remediation systems.

3.1 Monitoring Infrastructure Additions and Enhancements

The Former Fuel Offloading Rack SVE at the Bulk Fuels Facility includes 13 SVEWs and 15 individual SVMW locations, all completed with three to four nested wells at different depths. During the reporting period two additional SVE systems were installed at the KAFB-1066 and KAFB-1068 locations as described in Section 2.1.1. In the present interim configurations, these two additional SVE systems are

comprised of just the SVE ICE units directly connected to the respective monitoring well extraction points in the same manner as the 1065 SVE system that began operating in August 2008.

During the fourth quarter of 2008, field work continued to install additional groundwater monitoring wells at the site. Well installation proceeded according to the *Stage 2 Abatement Plan Modification* (USAF, 2007a) and the *Stage 2 Abatement Plan Modification Addendum* (USAF, 2008) approved by the New Mexico Environment Department (NMED)-Groundwater Quality Bureau (GWQB). Between October and December 2008, six new groundwater monitoring wells were completed as part of the ongoing field investigation. These new wells are designated KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620. The new wells supplement not only the four other groundwater monitoring wells installed in September 2008 (KAFB-10611 through -10614) as part of the same drilling program but also the other 10 wells that had been installed prior to the 2008 drilling effort.

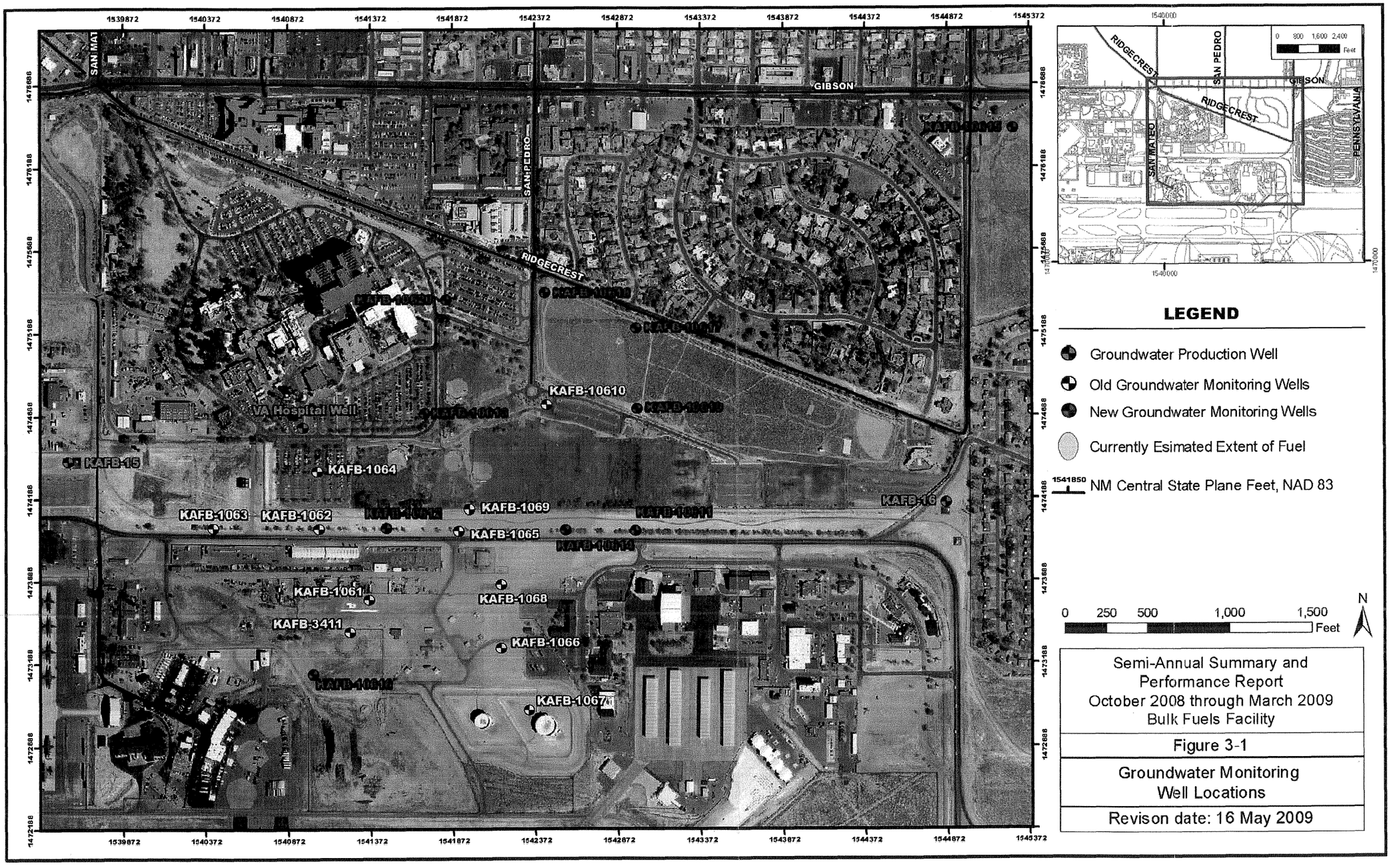
There was only one new well location completed during the reporting period that had PSH detected on the groundwater surface, KAFB 10618. The PSH detected in well KAFB-10618 appears to be a very thin sheen of product that produces inconsistent detections with the oil-water interface measurement probe. The probe provides a brief indication of product present on the water table but at such a small thickness that it can not even be definitively measured as being greater than 0.01 feet, which is the smallest unit of measurement on the instrument. The locations of the new wells that were completed during the reporting period are illustrated on Figure 3-1 along with the locations of the existing site wells. Figure 3-1 also depicts the estimated extent of the PSH on the groundwater surface as understood at the conclusion of the reporting period.

The new groundwater monitoring wells completed during the reporting period are part of the continuing investigation to delineate the PSH on the groundwater originally identified in 2007. A full discussion of the entire monitoring well installation field effort and all associated soil and groundwater data from the new wells is presented in the overall Well Construction Report presented in Appendix C.

3.2 Soil Vapor Monitoring

Soil vapor samples and subsurface pressure measurements were collected for the fourth quarter of 2008 and the first quarter of 2009 from SVMWs, SVEWs, and groundwater monitoring wells on October 10, November 25, December 9 to December 12, December 17, 2008 and January 29, February 1, February 16 through February 19, and March 24, and March 31, 2009. During monitoring events for the SVMWs (SVMW-01 through SVMW-11) and the distal wells (SVMW-12 through SVMW-15), samples and measurements were collected through the sample ports installed at the top of each individual well casing. For the manifold SVEWs, samples and measurements were collected through the sample ports installed immediately below each well's shutoff ball valve at the base of the well-control manifold. The site-wide quarterly pressure monitoring and Horiba field analytical results are summarized in Table 3-1.

During sampling, measurements that indicate the vadose zone is subject to vacuum are reported on field data sheets and data tables as negative numbers. Measurements that indicate the vadose zone is subject to positive pressure are shown as positive numbers. Measurements that indicate the vadose zone is at equilibrium with ambient atmospheric pressure and have neither pressure nor vacuum (zero gauge reading) are reported as atmosphere pressure unit (atm). Collection and field measurements of soil vapor follow the procedures presented in detail in Section 4.6 of the *Operations and Maintenance Manual* (USAF, 2005).


GIBSON
SAN PEDRO
RIDGECREST
VA Hospital Well
KAFB-10610
KAFB-15
KAFB-1064
KAFB-1063
KAFB-1062
KAFB-1069
KAFB-1065
KAFB-1061
KAFB-1068
KAFB-3411
KAFB-1066
KAFB-1067
KAFB-16
PENNSYLVANIA
LEGEND
Groundwater Production Well
Old Groundwater Monitoring Wells
New Groundwater Monitoring Wells
Currently Esimated Extent of Fuel
NM Central State Plane Feet, NAD 83
0 250 500 1,000 1,500 Feet
N
Semi-Annual Summary and Performance Report
October 2008 through March 2009
Bulk Fuels Facility
Figure 3-1
Groundwater Monitoring Well Locations
Revison date: 16 May 2009

THIS PAGE INTENTIONALLY LEFT BLANK

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 1 of 8)

Well Location	Screen Interval [a)]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
Vapor Monitoring Wells							
SVMW-01	50 - 52.5	7/23/04	0.42	0.01	10.14	7.46	262
SVMW-01	50 - 52.5	12/11/08	0.35	0.00	9.14	8.97	31
SVMW-01	50 - 52.5	2/18/09	atm	0.00	7.56	11.06	151
SVMW-01	100 - 102.5	12/11/08	0.48	0.00	12.62	4.63	8,980
SVMW-01	100 - 102.5	2/18/09	atm	0.05	10.84	7.34	5,560
SVMW-01	250.7 - 253.2	12/11/08	4.40	0.00	0.88	18.86	2,510
SVMW-01	250.7 - 253.2	2/18/09	-0.73	0.00	1.72	19.52	294
SVMW-01	308.5 - 310	12/11/08	4.50	0.00	1.98	18.03	497
SVMW-01	308.5 - 310	2/18/09	-0.79	0.00	0.98	18.51	2,360
SVMW-02	50 - 52.5	12/11/08	0.35	0.00	8.76	9.73	745
SVMW-02	97 - 99.5	12/11/08	0.56	0.01	11.38	7.25	16,137
SVMW-02	97 - 99.5	2/19/09	-0.27	0.00	12.16	6.52	13,950
SVMW-02	150 - 152.5	12/11/08	3.90	0.00	1.58	15.75	4,520
SVMW-02	150 - 152.5	2/19/09	-4.00	0.00	1.00	17.21	2,050
SVMW-03	50 - 52.5	12/11/08	0.23	0.00	8.96	9.76	48
SVMW-03	50 - 52.5	2/18/09	-0.18	0.00	6.66	11.86	2,210
SVMW-03	100 - 102.5	12/11/08	0.60	0.02	10.72	6.83	15,516
SVMW-03	100 - 102.5	2/18/09	-0.15	0.00	12.36	4.82	24,210
SVMW-03	250 - 252.5	12/11/08	4.20	0.00	5.08	10.31	6,050
SVMW-03	250 - 252.5	2/18/09	-1.20	0.00	3.96	11.54	4,600
SVMW-03	300 - 302.5	12/11/08	4.00	0.01	2.88	12.90	29,970
SVMW-03	300 - 302.5	2/18/09	-1.50	0.00	3.78	10.55	25,560
SVMW-04	50 - 52.5	12/11/08	0.45	0.00	10.66	5.05	2,090
SVMW-04	50 - 52.5	2/18/09	atm	0.00	8.04	9.77	1,256
SVMW-04	98 - 100.5	12/11/08	0.63	0.02	11.90	4.52	19,800
SVMW-04	98 - 100.5	2/18/09	-0.04	0.01	8.90	8.57	11,673
SVMW-04	250 - 252.5	12/11/08	4.20	0.02	3.30	15.60	9,990
SVMW-04	250 - 252.5	2/18/09	-0.88	0.00	2.00	17.85	3,696
SVMW-04	297.5 - 300	12/11/08	4.60	0.00	0.64	18.68	1,881
SVMW-04	297.5 - 300	2/18/09	-0.84	0.00	0.54	19.39	1,453
SVMW-05	50 - 52.5	12/11/08	0.28	0.00	5.96	13.59	62
SVMW-05	50 - 52.5	2/18/09	atm	0.00	5.58	13.71	348
SVMW-05	100 - 102.5	12/11/08	0.52	0.00	8.16	10.41	466
SVMW-05	100 - 102.5	2/18/09	atm	0.00	7.90	10.77	411
SVMW-05	229.5 - 231	12/11/08	4.80	0.00	1.52	18.98	60
SVMW-05	229.5 - 231	2/18/09	-0.73	0.00	1.50	18.77	97
SVMW-05	287.5 - 290	12/11/08	4.30	0.00	1.50	18.44	1,108
SVMW-05	287.5 - 290	2/18/09	-0.74	0.00	1.40	18.47	1,010
SVMW-06	50 - 52.5	12/11/08	0.42	0.00	3.28	16.15	75
SVMW-06	50 - 52.5	2/18/09	-0.14	0.00	3.40	17.91	667
SVMW-06	99.5 - 102	12/11/08	0.74	0.00	6.28	11.60	66
SVMW-06	99.5 - 102	2/18/09	-0.27	0.00	5.58	14.30	170

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 2 of 8)

Well Location	Screen Interval [a)]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-06	252 - 254.5	12/11/08	3.80	0.00	1.94	13.06	13,500
SVMW-06	252 - 254.5	2/18/09	-4.00	0.01	1.70	16.55	8,380
SVMW-06	302.5 - 305	12/11/08	4.20	0.01	1.58	14.79	18,450
SVMW-06	302.5 - 305	2/18/09	-4.00	0.01	2.12	15.79	19,980
SVMW-07	49.5 - 52	12/12/08		0.00	0.86	15.10	852
SVMW-07	49.5 - 52	2/19/09	-3.50	0.00	0.66	16.88	526
SVMW-07	95.5 - 98	12/12/08		0.01	7.00	12.23	2,630
SVMW-07	95.5 - 98	2/19/09	0.70	0.00	5.20	15.00	1,955
SVMW-07	147.5 - 150	12/12/08		0.00	6.44	13.22	16
SVMW-07	147.5 - 150	2/19/09	0.11	0.00	4.72	15.49	55
SVMW-08	50 - 52.5	12/11/08	0.38	0.00	6.52	11.32	1,760
SVMW-08	50 - 52.5	2/19/09	0.04	0.00	0.28	21.58	125
SVMW-08	100 - 102.5	12/11/08	--	--	--	--	--
SVMW-08	100 - 102.5	2/19/09	--	--	--	--	--
SVMW-08	250 - 252.5	12/11/08	4	0.00	6.92	11.08	3,240
SVMW-08	250 - 252.5	2/19/09	-3.8	0.00	0.00	22.29	85
SVMW-08	266 - 268.5	12/11/08	--	--	--	--	--
SVMW-08	266 - 268.5	2/19/09	--	--	--	--	--
SVMW-09	50 - 52.5	12/11/08	0.40	0.00	6.68	10.01	4,890
SVMW-09	50 - 52.5	2/19/09	atm	0.00	5.90	12.24	3,670
SVMW-09	100 - 102.5	12/11/08	0.66	0.02	9.30	7.80	17,082
SVMW-09	100 - 102.5	2/19/09	-0.09	0.01	7.72	10.77	16,164
SVMW-09	250 - 252.5	12/11/08	4.00	0.00	2.88	16.62	4,870
SVMW-09	250 - 252.5	2/19/09	-4.00	0.00	0.48	21.17	1,140
SVMW-09	266 - 268.5	12/11/08	3.90	0.00	3.14	16.52	4,630
SVMW-09	266 - 268.5	2/19/09	-4.00	0.00	0.10	21.70	486
SVMW-10	50 - 52.5	12/11/08	0.39	0.03	9.74	8.23	19,530
SVMW-10	50 - 52.5	2/19/09	-0.13	0.01	7.80	12.12	15,930
SVMW-10	100 - 102.5	12/11/08	0.56	0.01	3.64	15.76	7,350
SVMW-10	100 - 102.5	2/19/09	-0.18	0.02	9.46	10.31	43,920
SVMW-10	150 - 152.5	12/11/08	4.20	0.02	11.32	5.97	23,580
SVMW-10	150 - 152.5	2/19/09	-4.00	0.00	0.14	23.70	1,352
SVMW-10	250 - 252.5	12/11/08	3.90	0.00	3.32	16.69	6,800
SVMW-10	250 - 252.5	2/19/09	-4.50	0.00	0.24	23.51	1,572
SVMW-11	50 - 52.5	12/11/08	0.42	0.02	15.94	2.02	18,630
SVMW-11	50 - 52.5	2/18/09	-0.14	0.00	8.02	10.64	19,350
SVMW-11	100 - 102.5	12/11/08	0.62	0.02	15.76	1.95	39,060
SVMW-11	100 - 102.5	2/18/09	-0.19	0.02	14.39	3.50	19,350
SVMW-11	250 - 252.5	12/11/08	2.70	0.02	9.20	10.33	41,670
SVMW-11	250 - 252.5	2/18/09	-1.9	0.03	7.42	12.41	26,460
SVMW-11	260-262.5	12/11/08	3.5	0.01	9.96	9.80	29,790
SVMW-11	260-262.5	2/18/09	-1.2	0.02	8.26	11.69	35,820
SVMW-12	150 - 152.5	12/11/08	4.5	0.00	0.18	19.83	25
SVMW-12	150 - 152.5	2/18/09	-1.5	0.00	0.26	20.17	98
SVMW-12	250 - 252.5	12/11/08	4.3	0.00	0.40	19.21	1,839

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 3 of 8)

Well Location	Screen Interval [a)]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-12	250 - 252.5	2/18/09	-1.2	0.00	0.26	19.91	160
SVMW-12	350 - 352.5	12/11/08	4.6	0.00	1.90	9.38	11,250
SVMW-12	350 - 352.5	2/18/09	-1.3	0.00	0.08	20.05	614
SVMW-12	450 - 452.5	12/11/08	4.9	00.0	0.44	19.05	2990
SVMW-12	450 - 452.5	2/18/09	-1.30	0.00	2.40	9.49	12,933
SVMW-13	150 - 152.5	12/11/08	2.9	0.01	1.84	12.83	29,790
SVMW-13	150 - 152.5	2/18/09	-2.0	0.01	1.68	14.60	10,899
SVMW-13	250 - 252.5	12/11/08	2.9	0.00	1.60	13.07	19,620
SVMW-13	250 - 252.5	2/18/09	-1.5	0.00	1.36	15.55	20,430
SVMW-13	350 - 352.5	12/11/08	3.3	0.00	2.38	14.04	305
SVMW-13	350 - 352.5	2/18/09	-1.2	0.00	0.83	17.47	262
SVMW-13	450 - 452.5	12/11/08	3.2	0.00	0.34	18.62	37
SVMW-13	450 - 452.5	2/18/09	-1.3	0.00	0.72	18.91	47
SVMW-14	150 - 152.5	12/11/08	4.8	0.00	0.24	19.32	43
SVMW-14	150 - 152.5	2/18/09	-1.4	0.00	0.12	20.44	41
SVMW-14	250 - 252.5	12/11/08	4.6	0.00	0.28	19.18	187
SVMW-14	250 - 252.5	2/18/09	-1.4	0.00	0.34	19.96	1,380
SVMW-14	350 - 352.5	12/11/08	4.5	0.00	0.22	19.42	1,160
SVMW-14	350 - 352.5	2/18/09	-1.7	0.00	1.16	12.82	6,640
SVMW-14	450 - 452.5	12/11/08	4.50	0.01	3.26	6.44	11,097
SVMW-14	450 - 452.5	2/18/09	-1.50	0.00	0.32	20.34	2,030
SVMW-15	150 - 152.5	12/11/08	4.00	0.00	0.44	15.81	762
SVMW-15	150 - 152.5	2/19/09	-3.50	0.00	0.58	16.75	755
SVMW-15	250 - 252.5	12/11/08	4.20	0.00	0.74	15.64	1,196
SVMW-15	250 - 252.5	2/19/09	-3.70	0.00	0.80	16.45	1,012
SVMW-15	350 - 352.5	12/11/08	4.30	0.00	1.40	14.86	18,900
SVMW-15	350 - 352.5	2/19/09	-4.00	0.00	1.56	14.77	17,280
SVMW-15	450 - 452.5	12/11/08	39.00	0.01	2.36	12.57	31,410
SVMW-15	450 - 452.5	2/19/09	-3.90	0.02	2.28	14.20	26,460
Vapor Extraction Wells							
SVEW-01	245 - 260	10/24/08	-10.00	0.21	9.04	5.98	35,820
SVEW-01	245 - 260	11/25/08	-12.50	0.06	5.34	12.28	40,950
SVEW-01	245 - 260	12/9/08	-4.70	0.32	13.96	10.12	82,980
SVEW-01	245 - 260	1/29/09	-7.60	0.00	6.04	12.98	25,560
SVEW-01	245 - 260	2/17/09	-4.40	0.04	6.68	13.20	29,970
SVEW-01	245 - 260	3/24/09	-5	0.00	5.80	13.47	30,420
SVEW-02	45 - 60	10/24/08	-0.08	0.02	3.82	15.48	3,610
SVEW-02	45 - 60	11/25/08	0.60	0.02	6.72	--	7,370
SVEW-02	45 - 60	12/9/08	0.49	0.03	9.62	8.61	9,850
SVEW-02	45 - 60	1/29/09	atm	0.00	0.68	21.89	1,243
SVEW-02	45 - 60	2/17/09	atm	0.01	5.38	14.00	6,410
SVEW-02	45 - 60	3/24/09	-0.06	0.00	1.44	19.83	2,060
SVEW-03	145 - 160	10/24/08	0.30	0.01	1.30	18.50	1,347
SVEW-03	145 - 160	11/25/08	-1.00	0.02	2.16	26.60	3,860
SVEW-03	145 - 160	12/9/08	2.95	0.01	12.26	5.30	2,830

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 4 of 8)

Well Location	Screen Interval [a)]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVEW-03	145 - 160	1/29/09	1.60	0.00	0.04	23.00	453
SVEW-03	145 - 160	2/17/09	0.94	0.01	4.72	12.95	5,640
SVEW-03	145 - 160	3/24/09	-0.48	0.00	4.48	13.75	6,130
SVEW-04	298 - 313	10/24/08	10.00	0.08	1.16	17.52	17,235
SVEW-04	298 - 313	11/25/08	-12.50	0.05	2.42	--	--
SVEW-04	298 - 313	12/9/08	-5.00	0.15	3.40	17.03	20,250
SVEW-04	298 - 313	1/29/09	-7.50	0.00	1.22	17.87	11,439
SVEW-04	298 - 313	2/17/09	-0.32	0.02	1.58	17.77	22,050
SVEW-04	298 - 313	3/24/09	-7.0	0.00	1.22	17.74	14,940
SVEW-05	445 - 460	10/24/08	-10.00	0.10	4.80	4.54	56,430
SVEW-05	445 - 460	11/25/08	-13.00	0.06	5.06	14.76	--
SVEW-05	445 - 460	12/9/08	-4.80	0.00	0.10	22.15	1,029
SVEW-05	445 - 460	1/29/09	-2.60	0.00	5.92	9.04	30,150
SVEW-05	445 - 460	2/17/09	-4.00	0.02	6.36	9.40	37,890
SVEW-05	445 - 460	3/24/09	-0.78	0.01	5.96	8.68	23,760
SVEW-06	45 - 60	10/24/08	-0.10	0.01	2.40	17.10	588
SVEW-06	45 - 60	11/25/08	0.95	0.00	3.02	--	963
SVEW-06	45 - 60	12/9/08	0.46	0.00	0.26	22.22	656
SVEW-06	45 - 60	1/29/09	atm	0.00	0.22	21.51	301
SVEW-06	45 - 60	2/17/09	0.02	0.00	3.94	16.35	1,389
SVEW-06	45 - 60	3/24/09	-0.12	0.00	0.58	21.17	443
SVEW-07	145 - 160	10/24/08	-0.36	0.00	0.38	19.80	576
SVEW-07	145 - 160	11/25/08	-0.94	0.00	0.28	--	456
SVEW-07	145 - 160	12/9/08	2.30	0.07	6.66	10.45	7,590
SVEW-07	145 - 160	1/29/09	-1.90	0.00	0.04	21.86	162
SVEW-07	145 - 160	2/17/09	2.00	0.02	2.52	17.04	4,300
SVEW-07	145 - 160	3/24/09	-0.28	0.01	1.02	19.92	2,090
SVEW-08	245 - 260	10/24/08	-10.00	0.11	3.56	10.48	23,760
SVEW-08	245 - 260	11/25/08	-12.50	0.07	3.72	--	--
SVEW-08	245 - 260	12/9/08	-5.00	0.16	7.06	12.13	17,658
SVEW-08	245 - 260	1/29/09	-2.05	0.00	4.72	10.33	16,542
SVEW-08	245 - 260	2/17/09	0.06	0.00	1.06	19.50	5,300
SVEW-08	245 - 260	3/24/09	-0.33	0.01	3.70	12.25	13,320
SVEW-09	435 - 450	10/24/08	-10	0.12	3.18	9.78	25,110
SVEW-09	435 - 450	11/25/08	-13	0.04	2.62	20.88	33,930
SVEW-09	435 - 450	12/9/08	-4.9	0.14	6.50	12.62	23,940
SVEW-09	435 - 450	1/29/09	-1.9	0.00	4.54	10.23	17,883
SVEW-09	435 - 450	2/17/09	-2.9	0.00	0.76	21.10	2,950
SVEW-09	435 - 450	3/24/09	-0.62	0.01	4.08	11.25	11,610
SVEW-10	400 - 410	12/11/08	5.4	0.00	0.46	18.72	4,600
SVEW-10	400 - 410	2/18/09	--	--	--	--	--
SVEW-11	400 - 410	12/11/08	4.4	0.00	1.76	12.57	26,550
SVEW-11	400 - 410	2/18/09	-1.20	0.00	0.82	18.05	14,022
SVEW-12	400 - 410	12/11/08	5.3	0.00	0.24	19.38	2,370
SVEW-12	400 - 410	2/18/09	-1.1	0.00	0.24	19.72	2,270

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 5 of 8)

Well Location	Screen Interval [a)]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVEW-13	400 - 410	12/11/08	4.10	0.01	2.00	13.39	31,230
SVEW-13	400 - 410	2/19/09	--	--	--	--	--
Groundwater Monitoring Wells							
KAFB-1061		10/1/08	-1.10	0.01	3.52	14.26	4,000
KAFB-1061		12/10/08	4.00	0.00	0.02	22.13	7
KAFB-1061		2/17/09	1.40	0.00	1.00	17.40	449
KAFB-1062		10/1/08	-1.10	0.00	0.56	15.90	2
KAFB-1062		12/9/08	4.60	0.00	1.80	9.38	33
KAFB-1063		10/1/08	-1.00	0.00	0.04	21.70	3
KAFB-1063		12/9/08	4.20	0.00	0.00	21.11	5
KAFB-1063		2/17/09	1.50	0.00	0.08	20.96	239
KAFB-1064		10/1/08	-1.10	0.00	0.22	19.18	12
KAFB-1064		12/17/08	3.80	0.00	1.44	10.62	5
KAFB-1064		2/17/09	-3.20	0.00	0.20	20.44	15
KAFB-1065		10/1/08	-1.10	0.15	8.06	1.28	33,840
KAFB-1066		10/1/08	-1.00	0.12	2.40	14.92	17,199
KAFB-1066		12/10/08	3.50	0.00	0.34	20.48	6,790
KAFB-1066		2/16/09	0.28	0.01	5.80	9.90	28,260
KAFB-1067		12/10/08	3.00	0.00	0.00	21.09	0
KAFB-1067		2/17/09	1.80	0.00	0.58	17.71	1,010
KAFB-1068		10/1/08	-1.10	0.16	1.26	13.62	44,730
KAFB-1068		12/17/08	3.80	0.00	2.16	10.40	40,590
KAFB-1068		2/16/09	0.44	0.00	2.78	9.66	55,980
KAFB-1069		10/1/08	-1.10	0.02	0.38	19.42	8,400
KAFB-1069		12/17/08	3.50	0.00	6.30	4.03	59,490
KAFB-1069		2/16/09	0.84	0.02	1.06	19.16	36,270
KAFB-10610		10/1/08	-1.10	0.08	0.60	19.90	18,990
KAFB-10610		12/11/08	4.40	0.00	0.08	21.70	83
KAFB-10610		2/18/09	-0.39	0.00	1.39	19.84	27,090
KAFB-10611		12/9/08	4.60	0.00	0.26	19.12	1,647
KAFB-10611		2/16/09	0.36	0.00	0.08	20.53	747
KAFB-10612		12/9/08	4.00	0.00	0.54	17.87	9,900
KAFB-10612		2/16/09	0.14	0.02	2.12	10.48	29,970
KAFB-10613		12/11/08	3.90	0.00	0.16	20.98	23
KAFB-10613		2/18/09	-0.48	0.00	0.34	20.54	26
KAFB-10614		12/9/08	4.60	0.00	2.28	14.49	11,646
KAFB-10614		2/16/09	0.15	0.00	3.72	12.85	26,640
KAFB-10615		12/9/08	4.20	0.00	0.10	21.00	3
KAFB-10615		2/16/09	0.70	0.00	0.18	22.42	277
KAFB-10616		12/17/08	4.40	0.00	0.14	18.41	685
KAFB-10616		2/16/09	0.84	0.00	0.72	12.23	5,960
KAFB-10617		12/11/08	4.40	0.00	0.00	21.43	2
KAFB-10617		2/18/09	-0.25	0.00	0.06	20.64	38
KAFB-10618		12/11/08	4.30	0.00	0.00	21.09	0
KAFB-10618		2/18/09	-0.58	0.00	0.05	21.12	78

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 6 of 8)

Well Location	Screen Interval [a)]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
KAFB-10619		2/18/09	-0.37	0.00	0.10	20.06	88
KAFB-10620		2/18/09	-0.39	0.00	0.16	21.29	39
KAFB-3411		10/1/08	-0.94	0.00	0.04	21.32	0
KAFB-3411		12/17/08	3.60	0.00	2.06	12.00	1,612
KAFB-3411		2/17/09	1.10	0.00	0.78	17.12	581
Vapor Treatment Parameters							
ST106 Vapor Treatment Influent		10/24/08	>-0.3	6.02	0.86	17.56	1,208
ST106 Vapor Treatment Influent		11/25/08	<-30	0.08	3.50	--	--
ST106 Vapor Treatment Influent		12/9/08	-29.5	0.02	3.02	17.76	23,490
ST106 Vapor Treatment Influent		1/29/09	<-30	0.00	2.32	17.75	15,201
ST106 Vapor Treatment Influent		2/17/09	-30	0.01	2.82	17.70	16,830
ST106 Vapor Treatment Influent		3/24/09	>-30	0.01	2.20	17.35	15930
ST106 Vapor Treatment Influent		3/31/09	>-30	0.00	2.44	17.49	20970
ST106 E1 Pre Cat A		10/24/08	7.00	0.48	13.20	1.40	15
ST106 E1 Pre Cat A		11/25/08	11.50	0.42	11.98	2.06	100
ST106 E1 Pre Cat A		12/9/08	15.00	0.45	15.66	1.78	170
ST106 E1 Pre Cat A		1/29/09	2.30	0.35	11.42	3.00	114
ST106 E1 Pre Cat A		2/17/09	14.00	0.34	12.20	1.40	148
ST106 E1 Pre Cat A		3/24/09	11	0.39	12.16	1.37	189
ST106 E1 Pre Cat A		3/31/09	11.5	0.28	9.18	6.72	109
ST106 E1 Pre Cat B		10/24/08	8.20	0.48	12.88	2.08	58
ST106 E1 Pre Cat B		11/25/08	12.50	0.44	12.32	1.12	105
ST106 E1 Pre Cat B		12/9/08	15.50	0.51	15.62	1.76	151
ST106 E1 Pre Cat B		1/29/09	7.10	0.37	11.44	2.84	145
ST106 E1 Pre Cat B		2/17/09	13.00	0.35	12.14	1.42	157
ST106 E1 Pre Cat B		3/24/09	10.5	0.41	12.28	1.14	206
ST106 E1 Pre Cat B		3/31/09	10	0.19	6.42	8.37	170
ST106 E1 Post Cat		10/24/08	1.40	0.01	7.14	10.94	56
ST106 E1 Post Cat		11/25/08	2.05	0.51	12.04	1.54	451
ST106 E1 Post Cat		12/9/08	1.70	0.00	5.08	15.13	26
ST106 E1 Post Cat		1/29/09	1.30	0.00	3.60	15.91	13
ST106 E1 Post Cat		2/17/09	1.80	0.00	3.86	15.45	31
ST106 E1 Post Cat		3/24/09	2	0.00	4.28	14.62	20
ST106 E1 Post Cat		3/31/09	2	0.01	2.44	18.48	16
ST106 E2 Pre Cat A		10/24/08	11.00	0.43	12.68	1.90	96
ST106 E2 Pre Cat A		11/25/08	10.00	0.49	11.92	1.88	483
ST106 E2 Pre Cat A		12/9/08	3.70	0.50	3.06	17.52	753
ST106 E2 Pre Cat A		1/29/09	6.10	0.57	9.68	5.85	495
ST106 E2 Pre Cat A		2/17/09	11.00	0.56	11.50	2.41	678

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 7 of 8)

Well Location	Screen Interval [a)]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
ST106 E2 Pre Cat A		3/24/09	9.5	0.58	11.54	2.31	510
ST106 E2 Pre Cat A		3/31/09	9	0.29	7.48	9.95	389
ST106 E2 Pre Cat B		10/24/08	9.50	0.44	13.42	0.98	70
ST106 E2 Pre Cat B		11/25/08	7.00	0.01	3.48	17.74	6
ST106 E2 Pre Cat B		12/9/08	5.40	0.41	14.32	3.64	1,565
ST106 E2 Pre Cat B		1/29/09	9.20	0.61	10.18	4.88	753
ST106 E2 Pre Cat B		2/17/09	15.00	0.48	11.74	2.01	363
ST106 E2 Pre Cat B		3/24/09	14	0.56	11.90	1.70	447
ST106 E2 Pre Cat B		3/31/09	11.5	0.32	8.40	8.07	278
ST106 E2 Post Cat		10/24/08	1.60	0.01	9.82	6.64	57
ST106 E2 Post Cat		11/25/08	1.90	0.03	7.36	9.88	31
ST106 E2 Post Cat		12/9/08	1.30	.	9.52	9.62	668
ST106 E2 Post Cat		1/29/09	1.20	0.10	5.80	12.55	81
ST106 E2 Post Cat		2/17/09	1.50	0.02	7.22	10.32	37
ST106 E2 Post Cat		3/24/09	2.2	0.04	7.52	9.57	46
ST106 E2 Post Cat		3/31/09	2	0.01	3.46	16.81	51
KAFB-1065 Vapor Treatment Influent		3/24/09	>-30	0.02	4.44	11.79	30690
KAFB-1065 Vapor Treatment Influent		3/31/09	--	0.01	5.52	9.08	34470
KAFB-1065 Vapor Treatment Influent		10/24/08	-30.00	0.16	4.14	8.50	45,180
KAFB-1065 Vapor Treatment Influent		1/29/09	<-30	0.00	5.46	7.62	42300.00
KAFB-1065 Vapor Treatment Influent		2/18/09	<-30	0.00	5.60	9.94	34,830
KAFB-1065 Vapor Treatment Influent		11/25/08	<-30	0.33	10.92	--	--
1065 E1 Pre Cat		3/24/09	16.5	0.32	7.98	7.70	195
1065 E1 Pre Cat		3/31/09	--	0.27	8.72	6.36	90
SVE-1065 E1 Pre Cat A		10/24/08	30.00	0.44	13.44	1.12	115
SVE-1065 E1 Pre Cat A		11/25/08	30.00	0.05	11.08	--	62
SVE-1065 E1 Pre Cat A		1/29/09	18.00	0.31	10.46	3.27	203
SVE-1065 E1 Pre Cat A		2/18/09	19.00	0.34	9.54	4.84	182
SVE-1065 E1 Pre Cat A		3/24/09	16.5	0.26	7.60	8.18	250
SVE-1065 E1 Pre Cat A		3/31/09	--	0.30	9.84	4.36	136
SVE-1065 E1 Pre Cat B		10/24/08	30.00	0.48	13.76	0.62	148
SVE-1065 E1 Pre Cat B		11/25/08	30.00	0.33	9.02	--	91
SVE-1065 E1 Pre Cat B		1/29/09	19.00	0.43	9.72	4.39	241
SVE-1065 E1 Pre Cat B		2/18/09	20.00	0.34	10.86	2.80	171
SVE-1065 E1 Post Cat		10/24/08	5.00	0.03	14.06	0.66	53
SVE-1065 E1 Post Cat		11/25/08	5.00	0.32	9.44	--	142
SVE-1065 E1 Post Cat		1/29/09	2.00	0.10	7.14	9.32	111
SVE-1065 E1 Post Cat		2/18/09	3.50	20.00	9.94	4.43	114
SVE-1065 E1 Post Cat		3/24/09	4.5	0.29	8.88	6.12	150
SVE-1065 E1 Post Cat		3/31/09	--	0.29	9.82	4.35	80

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 8 of 8)

Well Location	Screen Interval [a)]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVE-1065 E2 Pre Cat		3/24/09	17.5	0.23	7.88	8.13	98
SVE-1065 E2 Pre Cat		3/31/09	--	0.24	8.22	7.45	96
SVE-1065 E2 Pre Cat A		10/24/08	6.40	0.44	13.56	0.86	136
SVE-1065 E2 Pre Cat A		11/25/08	>30	0.41	10.94	--	103
SVE-1065 E2 Pre Cat A		1/29/09	17.00	0.34	9.22	5.84	209
SVE-1065 E2 Pre Cat A		2/18/09	14.00	0.42	10.84	4.63	371
SVE-1065 E2 Pre Cat A		3/24/09	17.5	0.28	9.58	5.36	145
SVE-1065 E2 Pre Cat A		3/31/09	--	0.21	7.42	8.82	87
SVE-1065 E2 Pre Cat B		10/24/08	29.00	0.52	13.70	0.62	86
SVE-1065 E2 Pre Cat B		11/25/08	>30	0.41	10.20	--	614
SVE-1065 E2 Pre Cat B		1/29/09	17.00	0.20	7.42	8.68	298
SVE-1065 E2 Pre Cat B		2/18/09	14.00	0.34	8.36	7.03	4
SVE-1065 E2 Post Cat		10/24/08	5.00	0.05	13.62	1.28	64
SVE-1065 E2 Post Cat		11/25/08	6.00	0.02	9.92	--	141
SVE-1065 E2 Post Cat		1/29/09	2.10	0.10	9.88	4.73	244
SVE-1065 E2 Post Cat		2/18/09	3.20	0.11	9.38	5.63	294
SVE-1065 E2 Post Cat		3/24/09	4.0	0.20	8.86	6.37	83
SVE-1065 E2 Post Cat		3/31/09	--	0.21	8.52	7.01	87
SVE-1068 Vapor Treatment Influent		3/31/09	--	0.00	3.40	10.24	46890
SVE-1068 E1 Pre Cat		3/31/09	--	0.28	9.52	4.97	39
SVE-1068 E1 Pre Cat A		3/31/09	--	0.15	6.56	10.27	53
SVE-1068 E1 Post Cat		3/31/09	--	0.25	10.28	3.56	34
SVE-1068 E2 Pre Cat		3/31/09	--	0.30	8.82	7.09	68
SVE-1068 E2 Pre Cat A		3/31/09	--	0.11	3.70	14.88	30
SVE-1068 E2 Post Cat		3/31/09	--	0.28	8.94	5.72	57

[a)]. Screen interval is in feet below ground surface.
ppmv - parts per million by volume
CO - carbon monoxide CO_2 - carbon dioxide O_2 - oxygen HC - hydrocarbon

During both quarterly sampling events, the soil vapor samples were analyzed onsite using the Horiba meter for hydrocarbon concentration (parts per million by volume [ppmv]) and for percent oxygen (O2), carbon monoxide (CO), and carbon dioxide (CO2).

Groundwater well vapor samples and measurements were collected through the sample ports installed in the Bennett pump wellhead fittings. Pressure measurements were collected with Magnehelic® gauges in units of inches of water. Collection of pressure measurements follow the procedures presented in Section 4.5 of the *Operations and Maintenance Manual for the Soil Vapor Extraction and Treatment System, Bulk Fuels Facility (ST-106)* (USAF, 2005).

Figures 3-2, 3-3, 3-4, and 3-5 present a plan view of the approximate soil vapor distribution measured at various depths beneath the Bulk Fuels Facility in December 2008 based on Horiba measurement data provided in Table 3-1. Figure 3-6 presents a cross-section view of the approximate soil vapor distribution measured beneath the former fuel offloading rack in December 2008.

Figures 3-7, 3-8, 3-9, and 3-10 present a plan view of the approximate soil vapor distribution measured at various depths beneath the Bulk Fuels Facility in February 2009 based on Horiba measurement data provided in Table 3-1. Figure 3-11 presents a cross-section view of the approximate soil vapor distribution measured beneath the former fuel offloading rack in February 2009.

For reference, figures of the approximate soil vapor distribution measured beneath the site during prior quarters are presented in Appendix A.

Due to the inherent variability in the dynamic subsurface system and the fact that sampling events portray a single point in time, overall trends over several quarters are more pertinent to long-term system evaluation than variability between one measurement period and the next. Short-term variability in the soil vapor plume presented here and within historical plume maps and cross sections (prior quarters' maps and cross sections are provided in Appendix A) are due to a combination of factors including:

- Individual measurements represent a single point in time of concentrations at individual monitoring and extraction wells that are subject to variation over time.

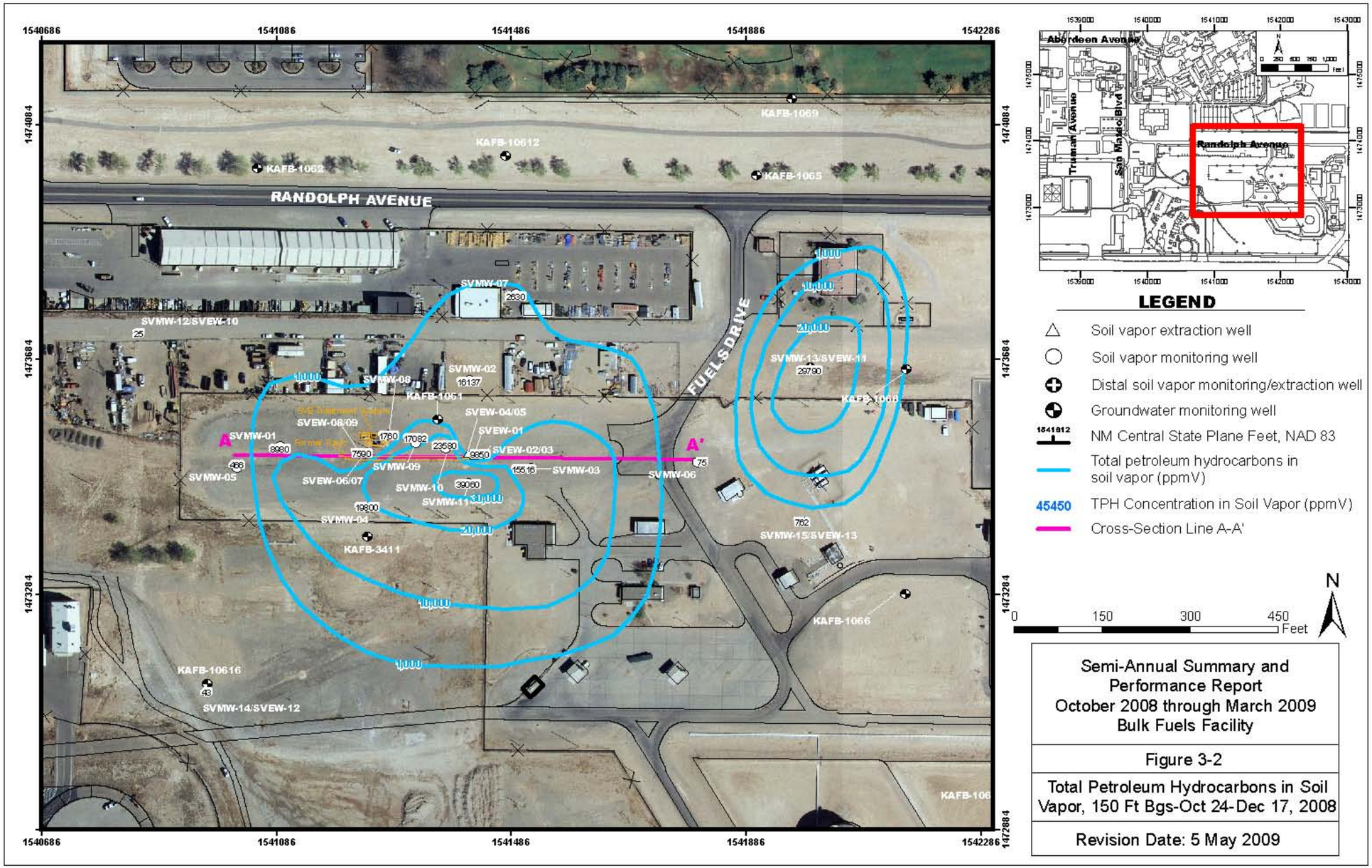
- Atmospheric conditions can impact the overall SVE system as subsurface gas pressure maintains equilibrium with atmospheric pressure. Depending on atmospheric pressure, and on how rapidly atmospheric pressure changes occur, the subsurface can be subject to offgassing to the atmosphere or atmospheric air can be drawn into the subsurface.

- Precipitation events can cause surface sealing, preventing the equilibrium exchange between the atmosphere and the subsurface. Such surface sealing generally results in the SVE system having greater lateral subsurface influence.

- The SVE systems are subject to operational variability and system downtime, which can impact individual sampling events.

The specific reporting period data are discussed in Section 3.2.1. Overriding trends in soil vapor concentrations over time are discussed in Section 3.2.3.

THIS PAGE INTENTIONALLY LEFT BLANK.



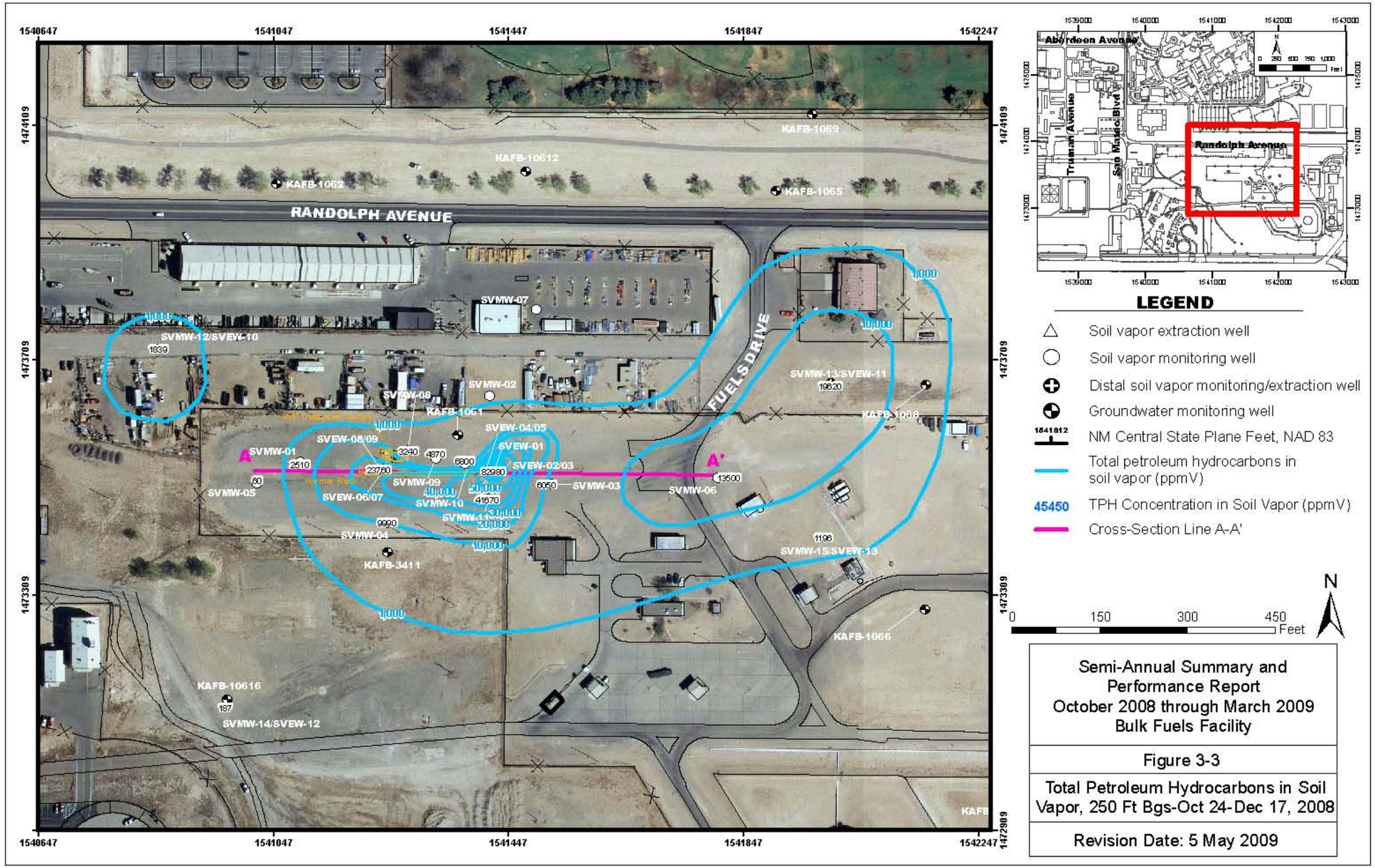
Semi-Annual Summary and Performance Report
October 2008 through March 2009
Bulk Fuels Facility

Figure 3-2

Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-Oct 24-Dec 17, 2008

Revision Date: 5 May 2009

THIS PAGE INTENTIONALLY LEFT BLANK



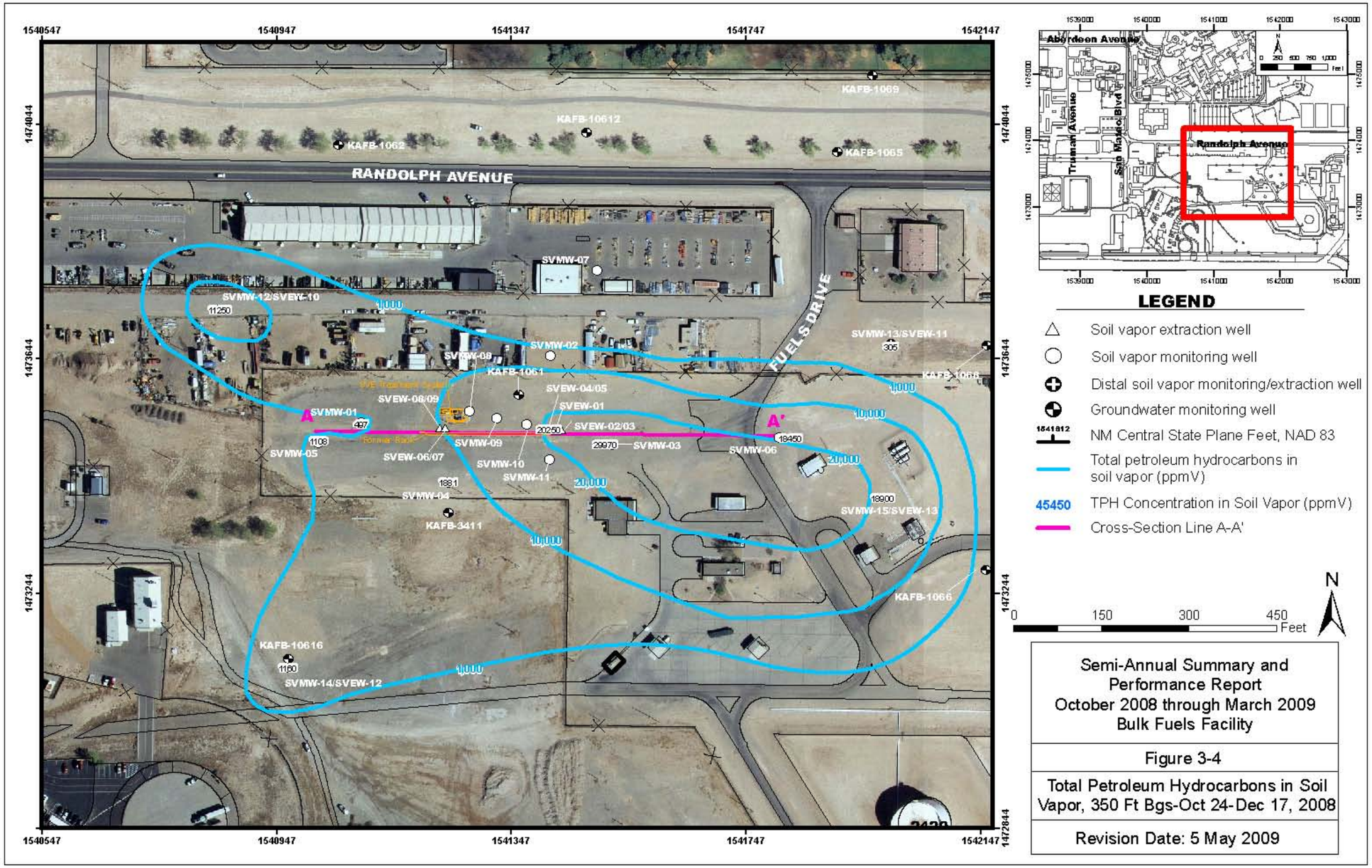
Semi-Annual Summary and Performance Report
October 2008 through March 2009
Bulk Fuels Facility

Figure 3-3

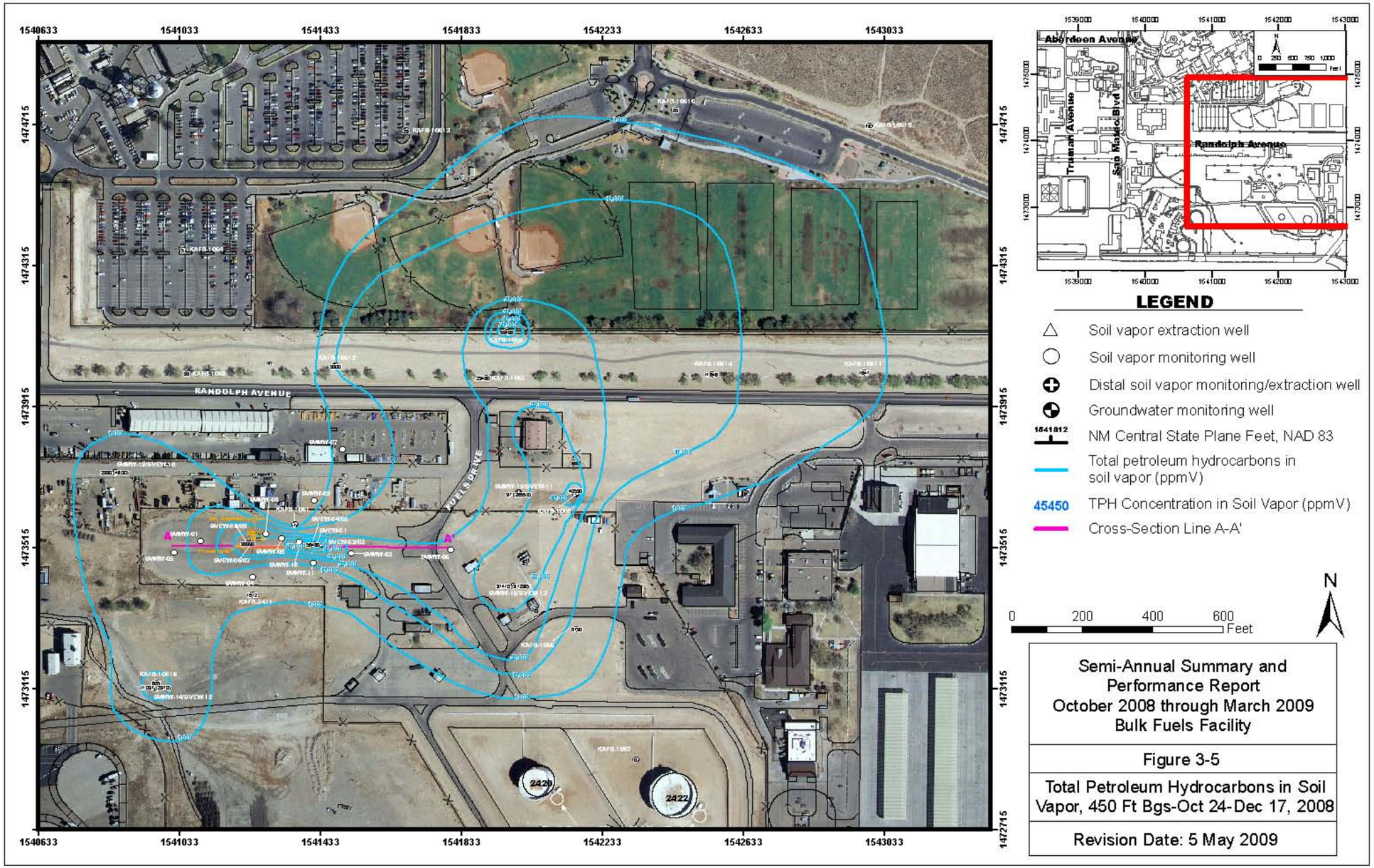
Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-Oct 24-Dec 17, 2008

Revision Date: 5 May 2009

THIS PAGE INTENTIONALLY LEFT BLANK


RANDOLPH AVENUE
FUELS DRIVE
KAFB-1069
KAFB-10612
KAFB-1062
KAFB-1065
SVMW-07
SVMW-12/SVEW-10
SVMW-13/SVEW-11
SVMW-02
SVEW-08
KAFB-1061
SVEW-04/05
SVEW-08/09
SVEW-01
SVMW-01
SVEW-02/03
SVMW-09
SVMW-03
SVMW-05
SVEW-06/07
SVMW-10
SVMW-11
SVMW-06
SVMW-04
KAFB-3411
SVMW-15/SVEW-13
KAFB-1066
KAFB-10616
SVMW-14/SVEW-12
A
A'
1,000
10,000
20,000
1540547
1540947
1541347
1541747
1542147
1474044
1473644
1473244
1472844
Aberdeen Avenue
Truman Avenue
San Mateo Blvd
Randolph Avenue
LEGEND
Soil vapor extraction well
Soil vapor monitoring well
Distal soil vapor monitoring/extraction well
Groundwater monitoring well
1841812
NM Central State Plane Feet, NAD 83
Total petroleum hydrocarbons in soil vapor (ppmV)
45450
TPH Concentration in Soil Vapor (ppmV)
Cross-Section Line A-A'
0
150
300
450
Feet
N
Semi-Annual Summary and Performance Report
October 2008 through March 2009
Bulk Fuels Facility
Figure 3-4
Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-Oct 24-Dec 17, 2008
Revision Date: 5 May 2009

THIS PAGE INTENTIONALLY LEFT BLANK


1540633
1541033
1541433
1541833
1542233
1542633
1543033
1474715
1474315
1473915
1473515
1473115
1472715
RANDOLPH AVENUE
FUELS DRIVE
A
A'
2420
2422
Aberdeen Avenue
Truman Avenue
San Mateo Blvd
Randolph Avenue
LEGEND
Soil vapor extraction well
Soil vapor monitoring well
Distal soil vapor monitoring/extraction well
Groundwater monitoring well
1541812
NM Central State Plane Feet, NAD 83
Total petroleum hydrocarbons in soil vapor (ppmV)
45450
TPH Concentration in Soil Vapor (ppmV)
Cross-Section Line A-A'
0
200
400
600
Feet
N
Semi-Annual Summary and Performance Report
October 2008 through March 2009
Bulk Fuels Facility
Figure 3-5
Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-Oct 24-Dec 17, 2008
Revision Date: 5 May 2009

THIS PAGE INTENTIONALLY LEFT BLANK

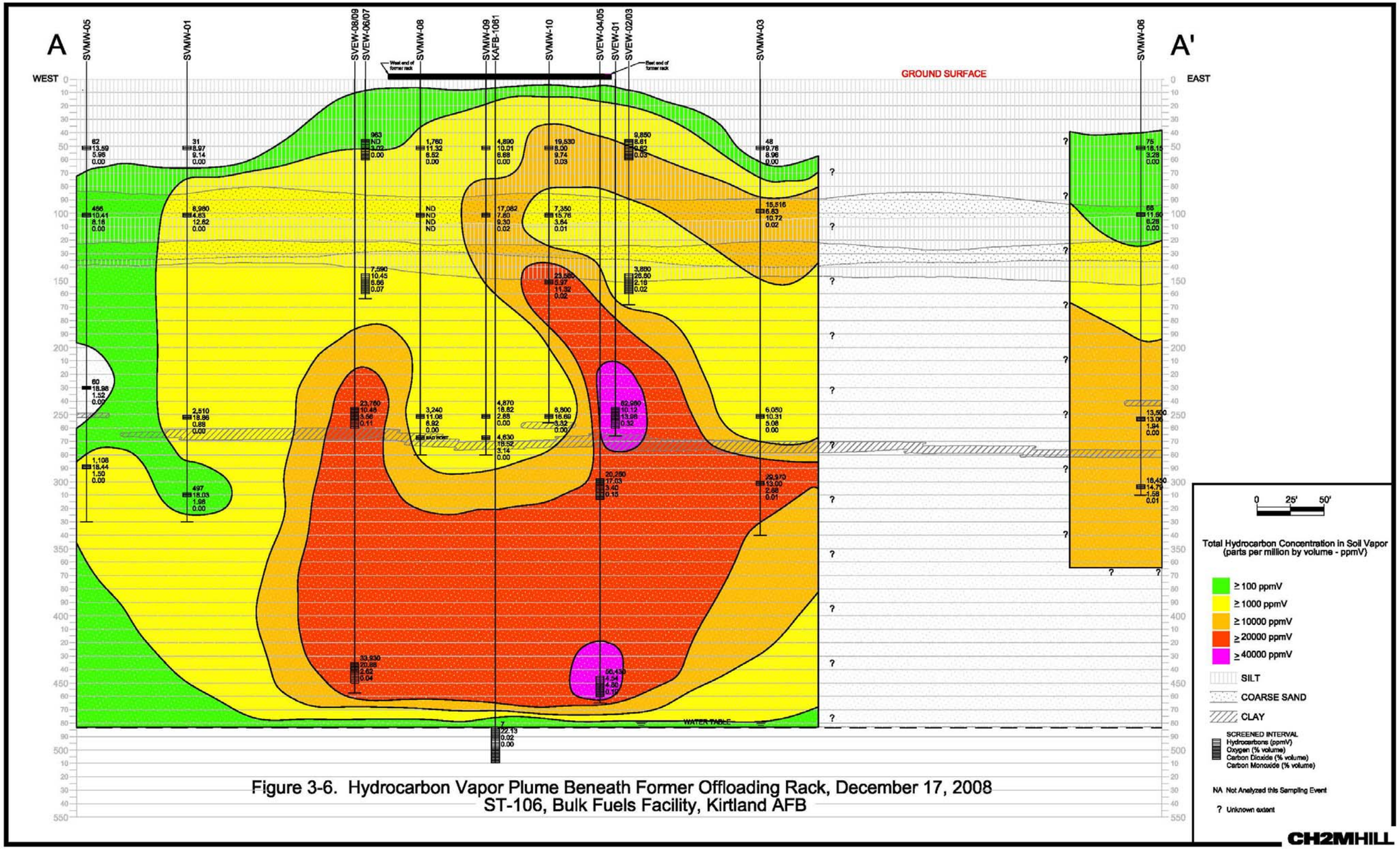
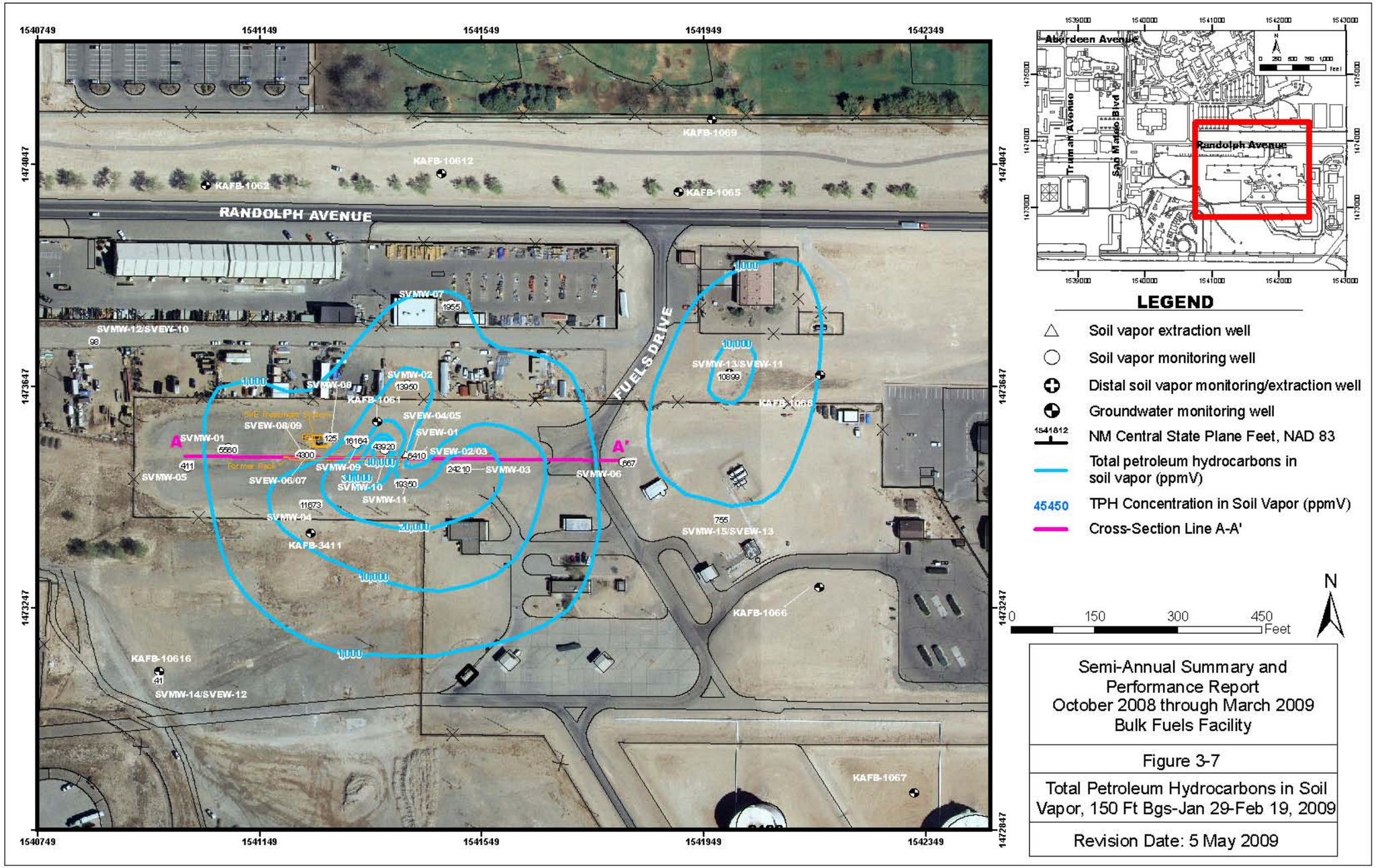


Figure 3-6. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, December 17, 2008
ST-106, Bulk Fuels Facility, Kirtland AFB

THIS PAGE INTENTIONALLY LEFT BLANK



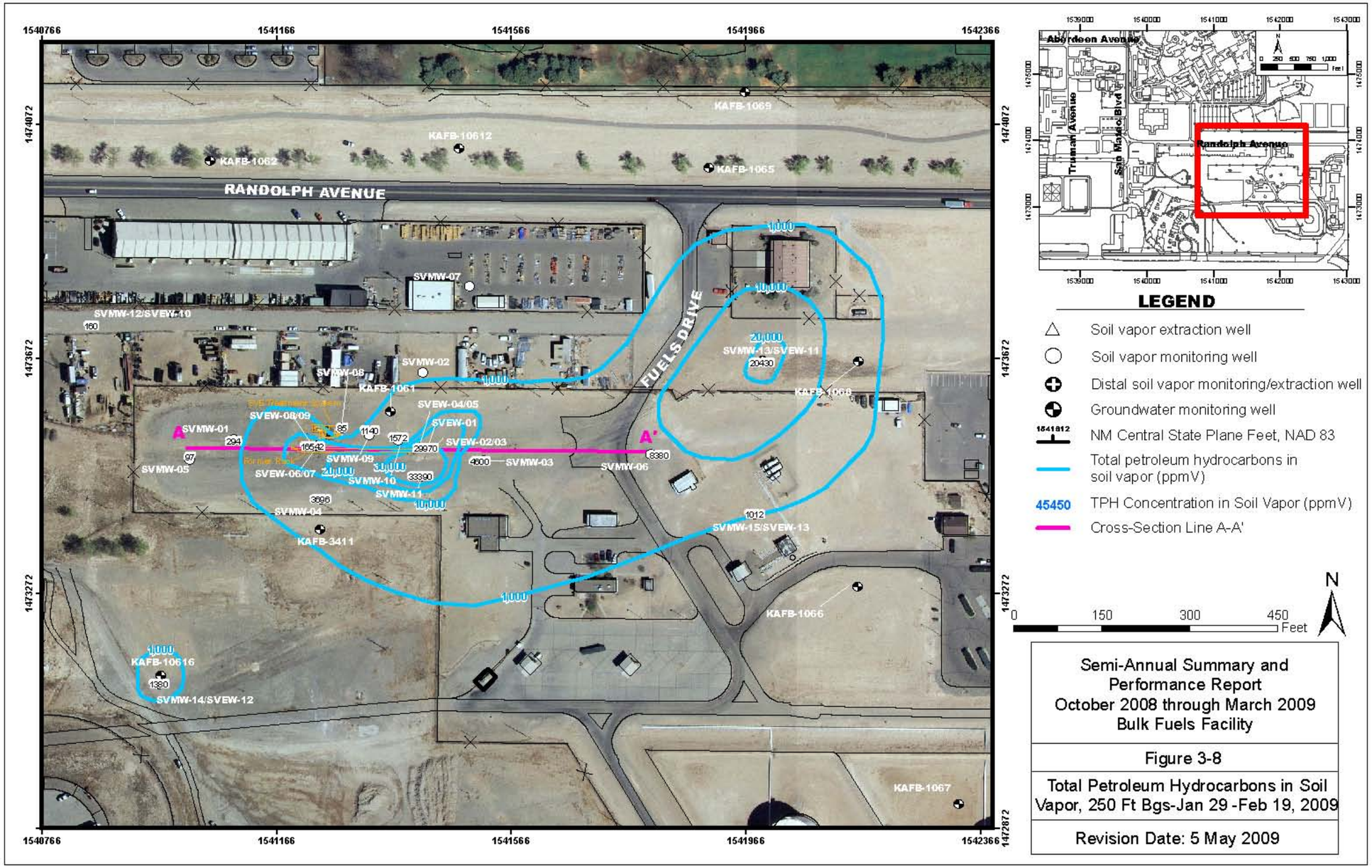
Semi-Annual Summary and Performance Report
October 2008 through March 2009
Bulk Fuels Facility

Figure 3-7

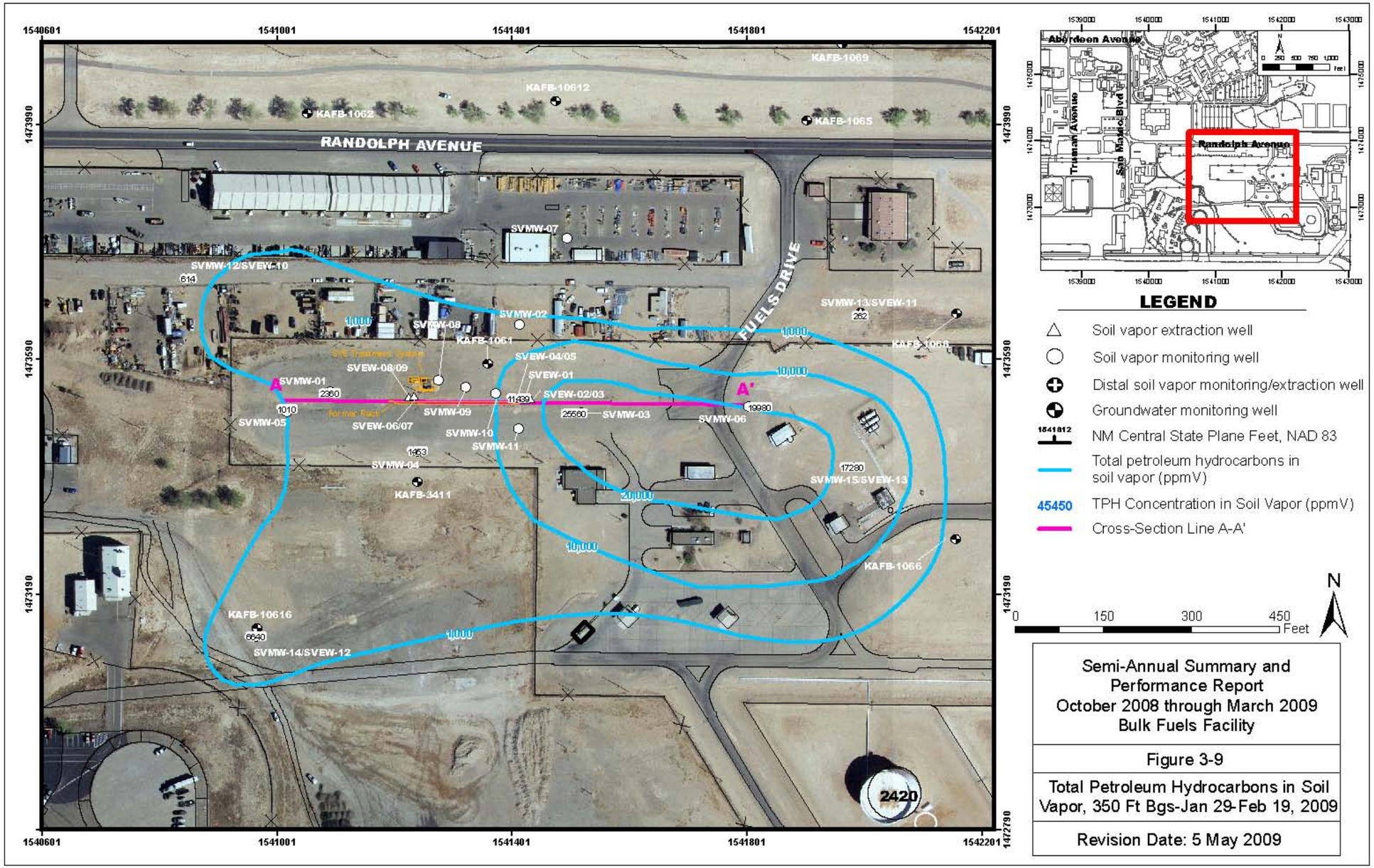
Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-Jan 29-Feb 19, 2009

Revision Date: 5 May 2009

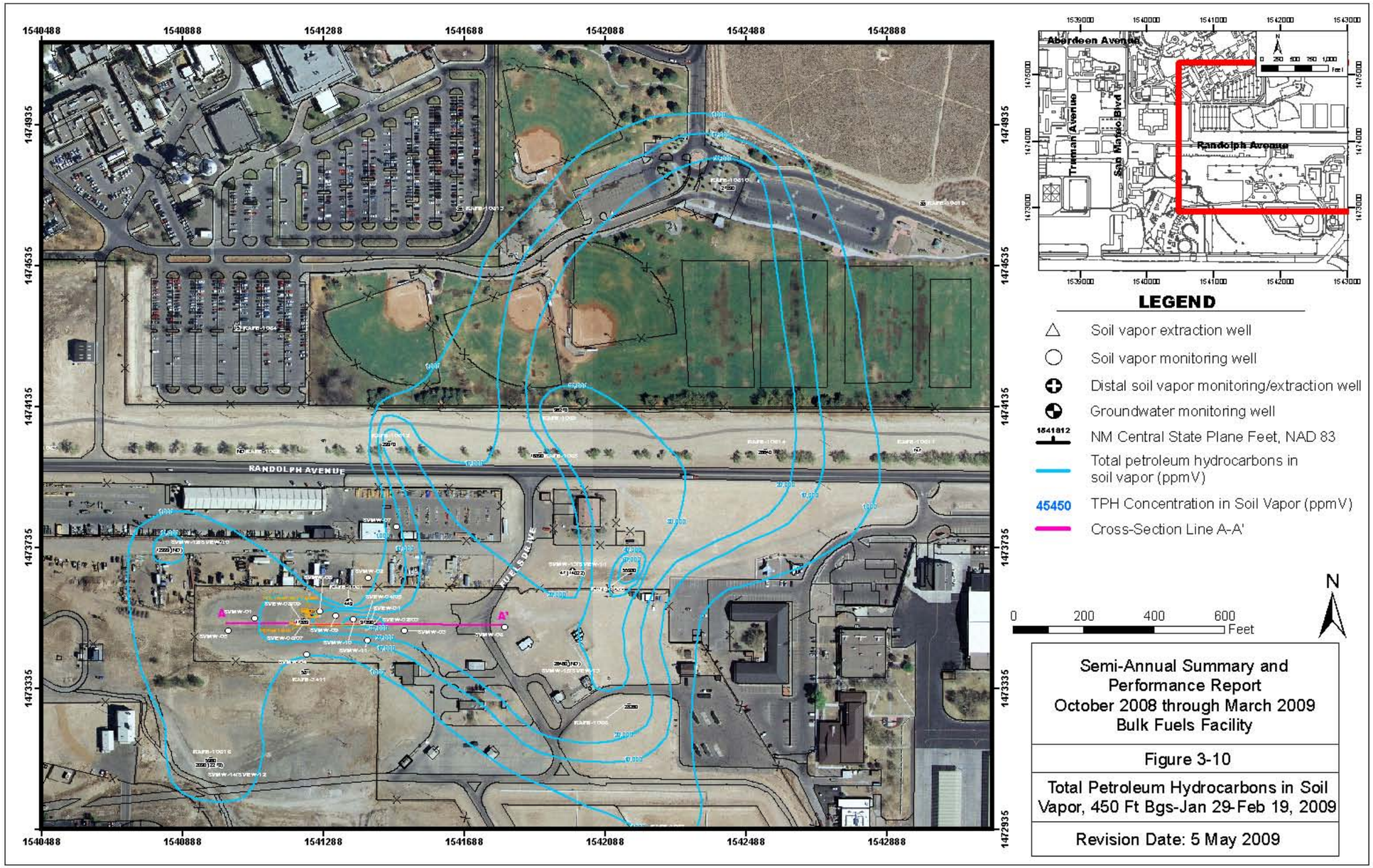
THIS PAGE INTENTIONALLY LEFT BLANK


RANDOLPH AVENUE
FUELS DRIVE
KAFB-1062
KAFB-10612
KAFB-1069
KAFB-1065
KAFB-1061
KAFB-1068
KAFB-3411
KAFB-1066
KAFB-1067
KAFB-10616
SVMW-01
SVMW-02
SVMW-03
SVMW-04
SVMW-05
SVMW-06
SVMW-07
SVMW-08
SVMW-09
SVMW-10
SVMW-11
SVMW-12/SVEW-10
SVMW-13/SVEW-11
SVMW-14/SVEW-12
SVMW-15/SVEW-13
SVEW-01
SVEW-02/03
SVEW-04/05
SVEW-06/07
SVEW-08/09
A
A'
1,000
10,000
20,000
30,000
1540766
1541166
1541566
1541966
1542366
1474072
1473672
1473272
1472872
Aberdeen Avenue
Randolph Avenue
Truman Avenue
San Mateo Blvd
LEGEND
Soil vapor extraction well
Soil vapor monitoring well
Distal soil vapor monitoring/extraction well
Groundwater monitoring well
NM Central State Plane Feet, NAD 83
Total petroleum hydrocarbons in soil vapor (ppmV)
45450 TPH Concentration in Soil Vapor (ppmV)
Cross-Section Line A-A'
0 150 300 450 Feet
N
Semi-Annual Summary and Performance Report
October 2008 through March 2009
Bulk Fuels Facility
Figure 3-8
Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-Jan 29 -Feb 19, 2009
Revision Date: 5 May 2009

THIS PAGE INTENTIONALLY LEFT BLANK


RANDOLPH AVENUE
FUELS DRIVE
KAFB-1069
KAFB-10612
KAFB-1062
KAFB-1065
SVMW-07
SVMW-12/SVEW-10
SVMW-13/SVEW-11
SVMW-02
SVEW-08
KAFB-1061
KAFB-1068
SVEW-04/05
SVEW-08/09
SVEW-01
SVEW-02/03
SVMW-01
SVMW-05
SVEW-06/07
SVMW-09
SVMW-10
SVMW-11
SVMW-03
SVMW-06
SVMW-04
KAFB-3411
SVMW-15/SVEW-13
KAFB-1066
KAFB-10616
SVMW-14/SVEW-12
A
A'
1000
10,000
20,000
2420
1540601
1541001
1541401
1541801
1542201
1473990
1473590
1473190
1472790
Aberdeen Avenue
Randolph Avenue
Truman Avenue
San Mateo Blvd
LEGEND
Soil vapor extraction well
Soil vapor monitoring well
Distal soil vapor monitoring/extraction well
Groundwater monitoring well
NM Central State Plane Feet, NAD 83
Total petroleum hydrocarbons in soil vapor (ppmV)
45450 TPH Concentration in Soil Vapor (ppmV)
Cross-Section Line A-A'
0 150 300 450 Feet
N
Semi-Annual Summary and Performance Report
October 2008 through March 2009
Bulk Fuels Facility
Figure 3-9
Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-Jan 29-Feb 19, 2009
Revision Date: 5 May 2009

THIS PAGE INTENTIONALLY LEFT BLANK


1540488
1540888
1541288
1541688
1542088
1542488
1542888
1474935
1474535
1474135
1473735
1473335
1472935
RANDOLPH AVENUE
FUELS DRIVE
A
A'
Aberdeen Avenue
Truman Avenue
San Mateo Blvd
Randolph Avenue
LEGEND
Soil vapor extraction well
Soil vapor monitoring well
Distal soil vapor monitoring/extraction well
Groundwater monitoring well
1541812
NM Central State Plane Feet, NAD 83
Total petroleum hydrocarbons in soil vapor (ppmV)
45450
TPH Concentration in Soil Vapor (ppmV)
Cross-Section Line A-A'
0
200
400
600
Feet
N
Semi-Annual Summary and Performance Report
October 2008 through March 2009
Bulk Fuels Facility
Figure 3-10
Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-Jan 29-Feb 19, 2009
Revision Date: 5 May 2009

THIS PAGE INTENTIONALLY LEFT BLANK

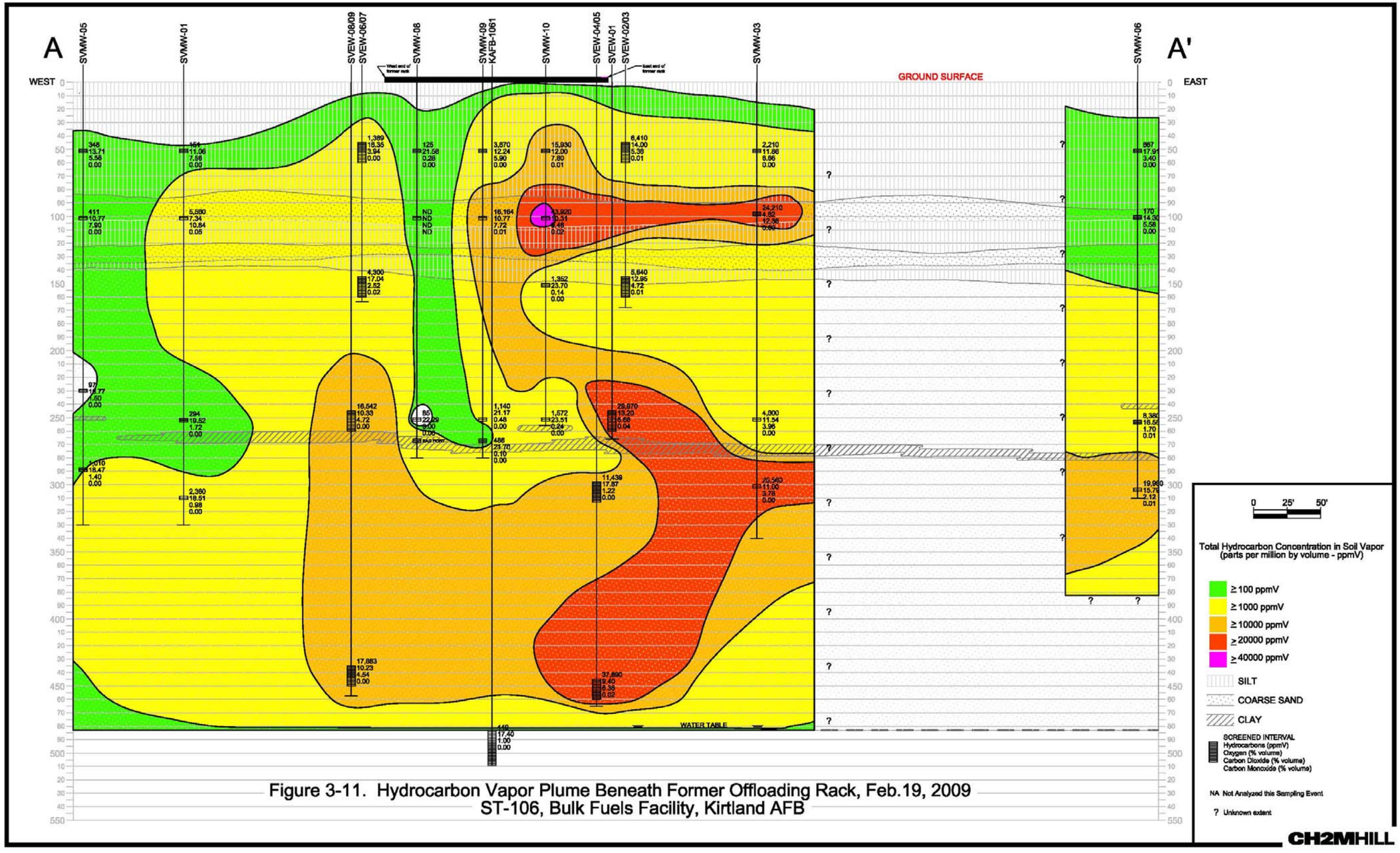


Figure 3-11. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, Feb.19, 2009
ST-106, Bulk Fuels Facility, Kirtland AFB

THIS PAGE INTENTIONALLY LEFT BLANK

3.2.1 Soil Vapor Data

A bulleted series of observations based on the soil vapor for each monitored depth interval and the vapor pressure measurements is provided below followed by a summary evaluation and discussion of the data. All soil vapor data discussed are results for total hydrocarbon concentrations as measured using the Horiba meter unless otherwise noted. Data summary discussions primarily focus on total hydrocarbon results since those are the data that have been historically and most frequently collected.

3.2.1.1 Surface to 150-ft bgs Interval

- High soil vapor concentrations in the shallow depth interval continue to be detected beneath the east end of the former fuel offloading rack (Figures 3-2 and 3-7). However, the general decrease in concentrations at the furthest eastern end of the actual rack that began in 2008 appears to be sustained.

- The highest vapor concentrations now persist in the central area of the former rack and to the south of the eastern end of the former rack.

- The vapor concentrations on the east side of the Bulk Fuels Facility at SVMW-13 continue to have the elevated vapor concentrations that have been observed since monitoring began. Although the gross magnitude of vapor concentrations in that area remain higher than those at the former rack, the SVMW-13 area appears to be displaying a slight decreasing trend in the 150-ft below ground surface (bgs) interval. The elevated soil vapor concentrations at SVMW-13 at the 150-ft bgs interval continue to be separated from those at the former fuel offloading rack area by low vapor concentrations at the SVMW-06 location.

3.2.1.2 250-ft bgs Interval

- At a depth of 250 ft bgs, the highest soil vapor concentrations remain localized around the active extraction wells, below the east and west ends of the former fuel offloading rack (Figure 3-3 and 3-8). Throughout the reporting period, the vapor concentrations in these areas remained quite high (Table 3-1) and are represented as remaining hot spot areas in Figures 3-3 and 3-8.

- Soil vapor concentrations in excess of 10,000 ppmv persist in a larger area extending outward from the former fuel offloading rack, extending slightly south and west, and further in the eastern direction, although these levels did indicate further decreases in gross magnitude to the south and west in this reporting period.

- The area to the west of the west end of the former rack continues to show low vapor concentrations that represent a sustained marked decrease at this depth relative to pre-2006 conditions. An area of slightly higher vapor concentrations (between 1,000 and 10,000 ppmv) routinely observed in the northwest area of the site at SVMW-12 showed an even further decrease during the first quarter of 2009. Continued evaluation of this area is merited to evaluate pneumatic control of these more distal vapor plume areas is being obtained.

- The persistence of elevated vapor concentrations at the 250-ft bgs interval in the SVMW-13 area may indicate residual fuel within migration pathways that extend through the vadose zone on this side of the site. A return to more elevated concentrations at this depth in SVMW-06 in September 2008 and continuing during this reporting period may be an effect of the operation of the new KAFB-1065 SVE

system which may now be competing to draw subsurface vapors towards it as opposed to the Former Fuel Offloading Rack SVE system maintaining pneumatic control in this area.

3.2.1.3 350-ft bgs Interval

- At a depth of 350 ft bgs, the soil vapor concentrations do not display a localized, highest concentration centered under the east end of the former fuel offloading rack (Figures 3-4 and 3-9). Instead, broad, greater-than-20,000 and greater-than-10,000-ppmv plumes of soil vapor extend from the east end of the Former Fuel Offloading Rack southeastward to the distal monitoring point in that direction. The general size and shape of the isopleths at this depth during the reporting period remained consistent with that observed during prior quarters.

- The ability to determine the extent to which more elevated vapor concentrations extend west is limited by the number of monitoring points at this depth interval in that direction. However, the higher concentrations are conservatively delineated by values of less than 1,000 ppmv at SVMW-01.

- An area of higher vapor concentrations routinely observed in the northwest area of the site at SVMW-12 continued to exist at this depth interval during the reporting period although the area appears to show a slightly decreasing trend. During the second to fourth quarter of 2008 the concentration returned to slightly elevated levels of about 10,000 ppmv but decreased back to less than 1,000 ppmv in the first quarter of 2009. Continued evaluation of this area is merited to evaluate whether elevated hydrocarbon values may be indicative of a fuel migration pathway within the vadose zone soils in this area.

3.2.1.4 450-ft bgs Interval and Water Table Interface

Vapor data from the 450-ft bgs and water table interface intervals are jointly considered and contoured. These data are presented in plan view on Figures 3-5 and 3-10 as well as in cross-sectional view on Figures 3-6 and 3-11. The following discussions consider the vapor data from roughly the 400-ft bgs interval to the water table interface. All vapor concentration data are summarized in Table 3-1.

- Elevated soil vapor concentrations at the 450-ft bgs interval continue to persist in the area under the former fuel offloading rack (Figures 3-5, 3-6, 3-10, and 3-11) and are relatively uniform at both the east and west ends of the former rack.

- Elevated vapor concentrations continued to be observed at distal well locations SVEW-11 to the northeast and SVMW-15 to the southeast. The presence of PSH on the water table in this area likely influences the 450-ft bgs interval and accounts for the elevated vapor concentrations that have historically been observed on the eastern side of the site. However, the data from this reporting period indicate a general decreasing trend in concentrations at SVEW-11. This may indicate this area is beginning to be pneumatically contained by the joint operation of the SVE systems at the Former Fuel Offloading Rack and KAFB-165.

- The new groundwater monitoring well KAFB-10616 confirms the elevated vapor concentrations that have been historically seen at the SVMW-14/SVEW-12 location on the southwest area. However, during this reporting period the data from SVMW-14 at this depth interval confirm a continuing decrease in the gross hydrocarbon concentrations in this area, decreasing substantially in the first quarter of 2009. This decrease may indicate that the SVE system at the Former Fuel Offloading Rack is now proving further pneumatic containment in this area as the overlapping effects between it and

the KAFB-1065 SVE system allow the radius of influence from the rack area to be pushed further southwest.

- As in the prior reporting periods, a significantly larger plume of elevated vapor concentrations at the water table interface is now able to be discerned based on the additional groundwater monitoring wells data points now available. As would be expected, elevated petroleum hydrocarbon vapor levels tend to be present in the unsaturated screen intervals of those groundwater monitoring wells that contain PSH or those wells proximal to the inferred edges of the PSH plume. Overall, the boundaries of the vapor plume at this depth are now better delineated with the additional monitoring points of the new groundwater wells.

- During early 2008 a seemingly anomalous trend had been observed in well KAFB-1067, which does not contain PSH. While initial vapor concentrations from the non-PSH containing well had been elevated, presumably because the well was near the likely southern edge of the PSH plume, subsequent quarters' data were markedly lower. However, in the first quarter of 2009 an elevated vapor concentration was again observed in KAFB-1067, measuring roughly 1,000 ppmv. The unsaturated screen intervals of new wells KAFB-10612 and KAFB-10611 which contain no PSH but are also believed to be near the boundary of the PSH plume in their respective areas display a similar trend. The phenomenon of some variability in vapor concentrations across the site as a result of barometric pressure influences is commonly observed, however, the wider range of vapor concentration swings in these wells may suggest they indicate the boundary of the actual PSH body is very near these monitoring locations. The range of vapor concentrations in these locations will continue to be tracked and evaluated.

- The new wells KAFB-10613, KAFB-10615, KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620 all show relatively low vapor concentrations. These data may delineate the north, northeast, and northwest boundaries of the vapor plume. The new well KAFB-10618 did exhibit a sheen of PSH during installation although measured vapor concentrations at this location are quite low. Vapor concentrations in all monitoring wells will continue to be monitored in the future.

- With the operation of not only the new SVE system installed at KAFB-1065 in August 2008, but also the new SVE systems at KAFB-1066 and KAFB-1068, vapor data will continue to be monitored in future quarters to evaluate how operation of these SVE systems influence overall soil vapor magnitudes and trends at these sites.

3.2.2 SVE System Radius of Influence

In previous periods, approximate ROI estimates have been made by evaluating lateral distances at which a subsurface vacuum pressure response, attributable to the vacuum pressure applied by the SVE system, could be observed. However, under low atmospheric barometric pressure regimes vacuum measurements at individual sampling location were often difficult to evaluate because the vacuum induced by the SVE system could not be measured relative to the prevailing, low atmospheric pressure conditions. As a result of this common interference issue, evaluation of changes in subsurface vapor chemistry conditions is now the primary method used to assess ROI.

Review of historic data from the distal monitoring wells (SVMW-12, SVMW-13, SVMW-14, and SVMW-15 which are located roughly 600 ft from the SVE extraction locations) indicate discernible decreasing trends in several of the monitoring intervals at those locations over time; trends that continued to be seen during this reporting period. A significant decreasing trend cannot be strictly discerned in every interval. However, due to subsurface anisotropy, the transient nature of soil vapor plumes, and the

likely presence of PSH along migration pathways within the vadose zone, this is not unexpected. Prior to August 2008, all other general conditions at and around the Bulk Fuels Facility site that would influence the subsurface vapor regime had remained unchanged since operation of the SVE system at the Former Fuel Offloading Rack was initiated. Therefore, the soil vapor chemistry changes and petroleum hydrocarbon concentration decreases have been attributed to the influence of that SVE system and are interpreted to generally verify and confirm the predicted 600-ft radius of influence.

With the installation and start of operation of the KAFB-1065 SVE system in August 2008 and the KAFB-1066 and KAFB-1068 systems in March 2009, additional, more substantial, and possibly competing vacuum effects are now being applied to the subsurface. Also, with the installation of numerous new groundwater monitoring wells in late 2008 additional monitoring points are now available for assessing changes in soil vapor chemistry. Ongoing data collection and assessment of vapor concentrations trends will continue to be evaluated in future periods and used to further evaluate ROI effects of the multiple SVE systems.

3.2.3 Soil Vapor Summary

3.2.3.1 Magnitude and Extent of Soil Vapor Plume

During the reporting period, high soil-vapor concentrations continued to persist in the vicinity of the former fuel offloading rack. These concentrations indicate that a significant source of soil vapor remains in that general area of the site, which is expected since it is a primary fuel release area. While a core of some of the highest observed total petroleum hydrocarbon (TPH) vapor concentrations remain in the former fuel offloading rack area, this reporting period's data continue to support an overall slight, yet consistent, decrease in petroleum hydrocarbon concentrations relative to system start-up concentrations throughout the depth profile in the former fuel offloading rack area. Focused extraction at discrete depths continues to have the localized effect of drawing high-concentration soil vapors to those extraction points. Although absolute vapor concentrations remain generally high, the overall decreasing trend in vapor concentrations suggests that definable remediation of not only the developed soil vapor plume but also the volatile fraction of the sorbed petroleum hydrocarbon mass in the soil in the area of the former fuel offloading rack is occurring. Continued quarterly data collection and evaluation will provide further information on this trend and the ongoing remediation of the former fuel offloading rack area.

As previously observed, elevated soil-vapor concentrations persist at different depths in areas of the site distal from the former fuel offloading rack. The presence of PSH on the groundwater table at wells KAFB-1065, KAFB-1066, KAFB-1068, KAFB-1069, KAFB-10610, KAFB-10614, and possibly KAFB-10618 coupled with residual fuel product along fuel migration pathways within the vadose zone are most likely the source of the persistent, elevated vapor concentrations that have always been observed in the eastern area of the site. Additional investigation and data evaluation will continue to more fully determine how the elevated vapor concentrations correlate with both the PSH on the water table and with preferential fuel migration pathways or smear zones that remain in the vadose zone on the eastern side of the site.

3.2.3.2 Nature of Soil Vapor Plume

A site-wide set of vapor samples for laboratory analysis was not collected from the various SVMWs and SVEWs during this reporting period. However, the laboratory samples collected from the Former Fuel Offloading Rack SVE system and the KAFB-1065 influent streams continue to demonstrate that the highest concentration compounds of concern in the vapor phase at this location continue to be petroleum hydrocarbons and fuel-related VOCs. This is to be expected based on the fuel release history at the site. Additionally, at the Former Fuel Offloading Rack, the volatile compounds acetone and methyl ethyl

ketone (MEK) continue to be detected in the SVE system influent at significant concentrations. The presence of these compounds is recognized to be also consistent with the nature of the fuel release at the site since it has been determined that these ketone-compounds are by-products of fuel biodegradation. Similar ketone-compounds are not currently observed in the inlet vapor stream at the KAFB-1065 system but are seen at low estimated levels in the post-catalytic converter samples suggesting these compounds may be present, but not discernible, in the influent streams due to the elevated reporting limits caused by the high TPH concentrations. The presence of these compounds will continue to be monitored for as indicators of potential increases in biodegradation rates

During the next reporting period routine influent vapor samples will begin to be collected from the two new SVE systems at KAFB-1066 and KAFB-1068.

3.3 Groundwater Monitoring

In addition to the ongoing petroleum hydrocarbon vapor monitoring at the Bulk Fuels Facility, the groundwater investigation includes groundwater elevation monitoring and groundwater sampling on a quarterly basis from associated site monitoring wells and nearby production wells. The new wells installed in the third and fourth quarter of 2008 are discussed in this report. The entire set of groundwater monitoring wells associated with the Bulk Fuels Facility investigation and actively sampled during this reporting period included wells KAFB-1061 through KAFB-10616 and also KAFB-3411 in the fourth quarter of 2008 and wells KAFB-1061 through KAFB-10620 and KAFB-3411 in the first quarter of 2009. Well KAFB-3411 was installed for investigation of another site but provides a monitoring location upgradient of the former fuel offloading rack

The groundwater elevation and, if present, PSH thickness in all groundwater monitoring wells is measured quarterly. Exceptions are those wells that are used as SVE extraction points. Groundwater elevation monitoring for the fourth quarter of 2008 was conducted on October 27, 2008 and groundwater sample collection was conducted on October 28 through October 29, 2008. Groundwater elevation monitoring for the first quarter of 2009 was conducted on January 19 and 20, 2009 and groundwater sample collection was conducted on January 20 through January 23, January 26, 27, 29 and February 2, 2009. Measured groundwater elevations are presented in Table 3-2. The static water level elevations in those wells that contain PSH were corrected to account for the PSH on the water table. It should be noted that several of the new monitoring wells that were installed in September and October 2008 and which were included in the scheduled fourth quarter sampling event displayed anomalous groundwater elevations. Nearly all of the wells that had been recently installed and developed in October had depths to water 1 to 2 ft greater than expected relative to other nearby established monitoring wells. It is inferred that the static water levels in the wells were still depressed due to influences from the recent well drilling and development activities. Overall sitewide groundwater levels and flow direction will continue to be evaluated in future periods when the new groundwater monitoring wells have achieved full equilibrium with the static water levels in the aquifer.

The interpreted groundwater flow directions beneath the Bulk Fuels Facility site in October 2008 and January 2009 are presented in Figures 3-12 and 3-13. Data indicate the general groundwater flow direction is to the north-northeast across the site. As has historically been observed, the groundwater flow direction is slightly more northeastward across the main Bulk Fuels Facility site itself. With the addition of the new monitoring wells north of the Kirtland AFB boundary for the January 2009 event, the data appear to indicate that the groundwater flow direction shifts to a slightly more north-northeastward direction moving from south to north across the site. The groundwater flow gradient is calculated to be roughly 0.001 to 0.003 foot per foot (ft/ft).

The measured thickness of PSH in those groundwater monitoring wells that contain PSH is also presented in Table 3-2. The PSH thicknesses in individual wells over time and from well to well is variable. Generally, the PSH-containing wells located just north and south of Randolph Avenue tend to have thicknesses of 1 to 2 feet. Well KAFB-1066 to the south and well KAFB-10610 to the north have thicknesses of less than 1 foot. The estimated location of PSH on the groundwater table and measured thicknesses, as observed during the reporting period, is depicted on Figure 3-14.

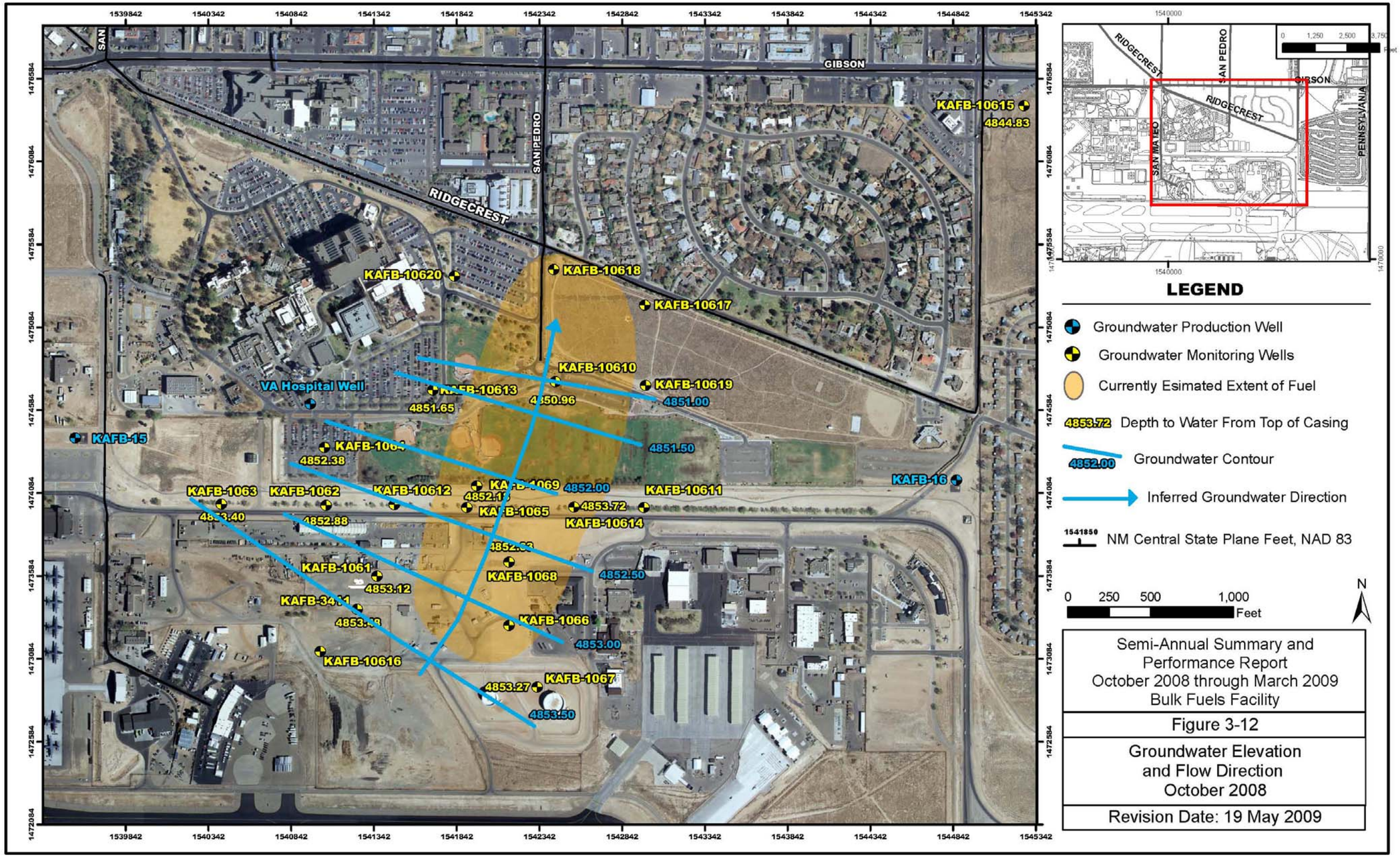
With the installation of the additional groundwater monitoring wells in 2008 the full extent of PSH is delineated in all directions except the most northerly edge. At that location, well KAFB-10618, the PSH thickness is a sheen of fuel less than 0.01 feet thick. This decrease in PSH thickness to nearly non-detect is consistent with the trend observed moving north from well KAFB-10614 to KAFB-10610. In October 2008, the measured PSH thickness in KAFB-10614 was 1.55 ft decreasing to 0.89 ft roughly 700 ft further north at KAFB-10610. In turn, the less than 0.01 ft sheen observed at KAFB-10618, located another roughly 700 ft further north of KAFB-10610, reflects a similar scale decrease in PSH thickness moving further away from the inferred source area at the Bulk Fuels Facility. Based on the decreasing trend in PSH thickness moving north and the presence of the very thin sheen at KAFB-10618 it is anticipated that discernible PSH fuel on the water table surface does not extend much further north beyond well KAFB-10618.

Groundwater samples are collected for laboratory analysis on a quarterly basis from non-PSH-containing groundwater monitoring wells. Those regularly sampled monitoring wells that were installed prior to 2008 contain dedicated Bennett pumps, which allows for sampling through the pump since the groundwater is isolated from the pump internal mechanisms. The new groundwater monitoring wells installed in 2008 did not yet have dedicated pumps installed during the reporting period. Sampling of each groundwater monitoring well included purging one well borehole volume of groundwater, collecting water quality parameters (pH, conductivity, temperature, dissolved oxygen [DO], turbidity, and oxidation-reduction (redox) potential [ORP]) in the field during well purging, and collecting groundwater samples. The water quality parameters values were allowed to stabilize prior to sampling. The wells were purged at a rate of approximately 0.8 to 1.0 gallon per minute (gpm).

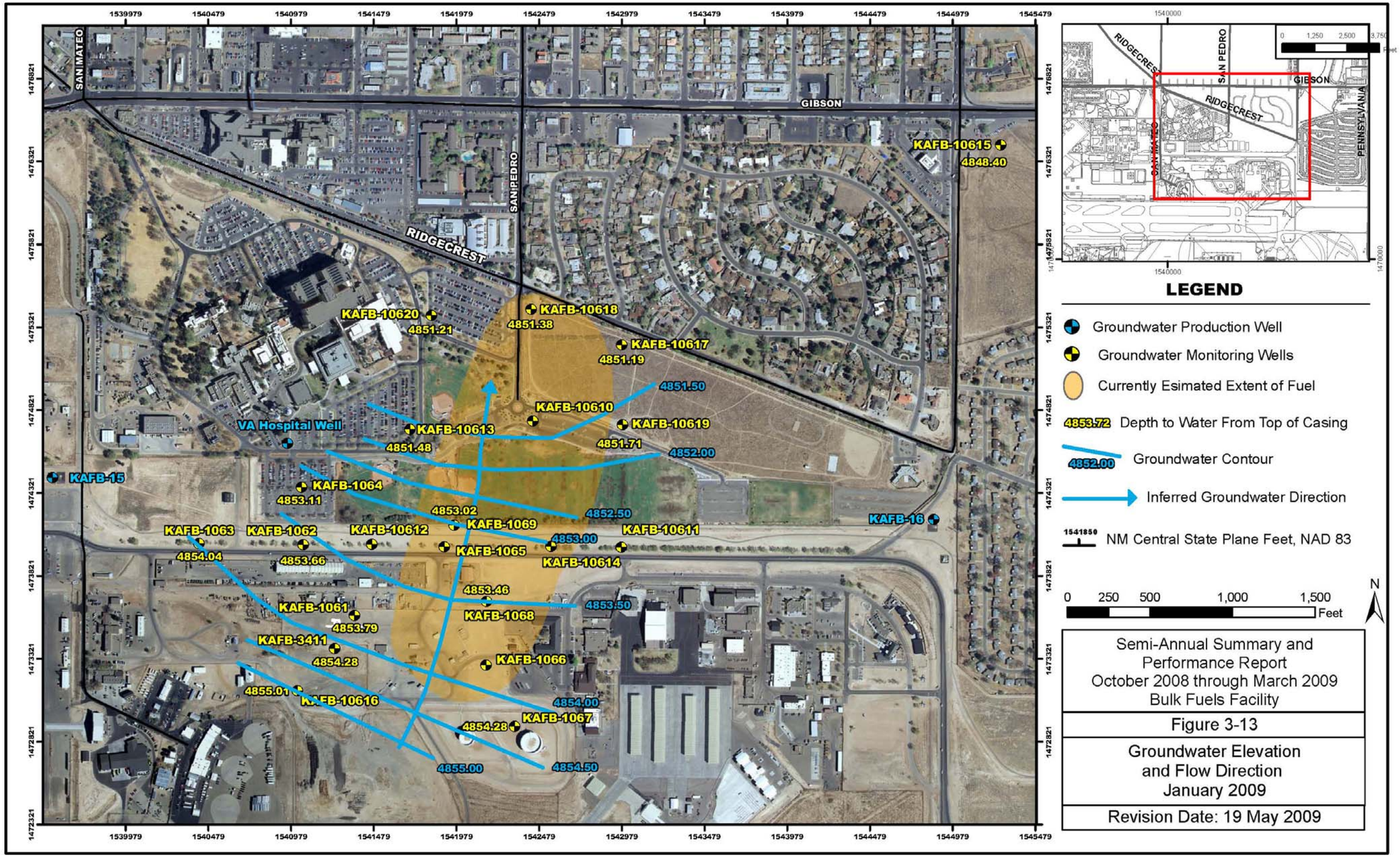
Quarterly groundwater samples for laboratory analysis are also collected from the Kirtland Air Force Base (AFB) production wells KAFB-03, KAFB-15, and KAFB-16. A quarterly sample was collected from the Veterans Affairs (VA) Medical Center production well, VA-2 as usual in October 2008 but not in January 2009. In January, the VA Medical Center's production well was out of service for maintenance so a sample could not be collected. The Kirtland AFB production wells and the VA Medical Center groundwater production well are purged by purging the dedicated sample line, and then collecting the samples. Samples are collected from non-chlorinated taps for the drinking water wells.

Groundwater samples were analyzed by PEL Laboratories of Tampa, Florida, and Test America Laboratories of Denver, Colorado, for the following:

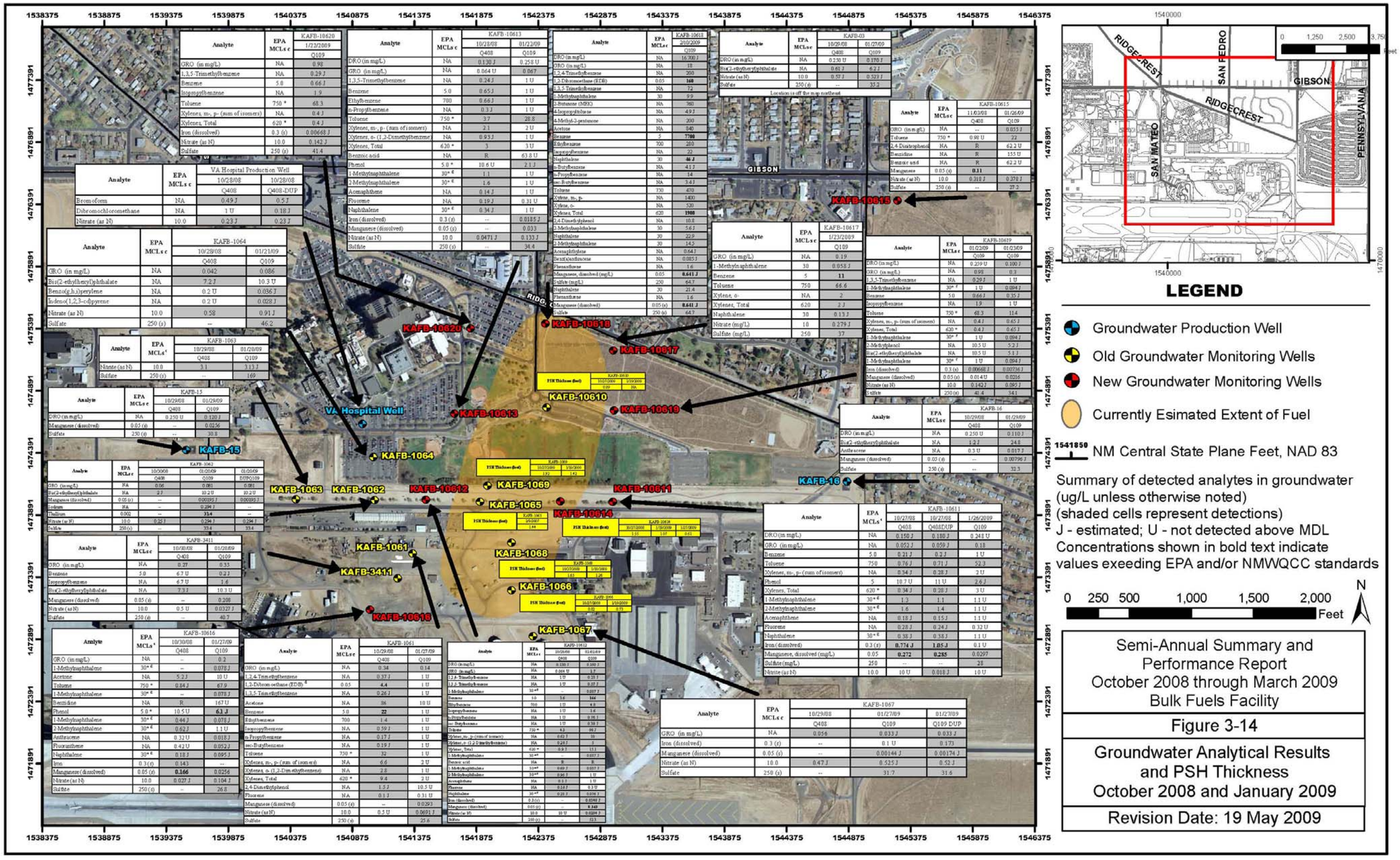
- 1,2-dibromethane (EDB) by Method 504.1
- TPH-gasoline range organics (GRO) and diesel range organics (DRO) by Method 8015B
- VOCs by Method 8260B
- Semi-volatile organic compounds (SVOCs) by Method 8270C
- Polycyclic aromatic hydrocarbons (PAHs) by Method 8310
- Dissolved iron and manganese by Method 6010B
- Nitrate (as nitrogen) by Method 300.0


GIBSON
RIDGECREST
SAN PEDRO
KAFB-10615
4844.83
KAFB-10620
KAFB-10618
KAFB-10617
KAFB-10610
KAFB-10619
4851.00
VA Hospital Well
4851.65
4850.96
4851.50
KAFB-15
4852.38
KAFB-1063
KAFB-1062
KAFB-10612
4852.00
KAFB-10611
KAFB-16
4853.72
KAFB-10614
4852.88
KAFB-1061
4853.12
KAFB-1068
4852.50
KAFB-1066
4853.00
KAFB-10616
KAFB-1067
4853.27
4853.50
LEGEND
Groundwater Production Well
Groundwater Monitoring Wells
Currently Esimated Extent of Fuel
4853.72 Depth to Water From Top of Casing
4852.00 Groundwater Contour
Inferred Groundwater Direction
NM Central State Plane Feet, NAD 83
0 250 500 1,000 Feet
N
Semi-Annual Summary and Performance Report October 2008 through March 2009 Bulk Fuels Facility
Figure 3-12
Groundwater Elevation and Flow Direction October 2008
Revision Date: 19 May 2009

THIS PAGE INTENTIONALLY LEFT BLANK


SAN MATEO
GIBSON
SAN PEDRO
RIDGECREST
KAFB-10615
4848.40
KAFB-10620
4851.21
KAFB-10618
4851.38
KAFB-10617
4851.19
4851.50
KAFB-10610
KAFB-10619
4851.71
VA Hospital Well
KAFB-10613
4851.48
4852.00
KAFB-15
KAFB-1064
4853.11
4853.02
KAFB-1069
4852.50
KAFB-16
KAFB-1063
4854.04
KAFB-1062
4853.66
KAFB-10612
KAFB-1065
4853.00
KAFB-10611
KAFB-10614
4853.46
KAFB-1068
4853.50
KAFB-1061
4853.79
KAFB-3411
4854.28
KAFB-1066
4855.01
KAFB-10616
4854.00
KAFB-1067
4854.28
4855.00
4854.50
LEGEND
Groundwater Production Well
Groundwater Monitoring Wells
Currently Esimated Extent of Fuel
4853.72 Depth to Water From Top of Casing
4852.00 Groundwater Contour
Inferred Groundwater Direction
NM Central State Plane Feet, NAD 83
0 250 500 1,000 1,500 Feet
N
Semi-Annual Summary and Performance Report October 2008 through March 2009 Bulk Fuels Facility
Figure 3-13
Groundwater Elevation and Flow Direction January 2009
Revision Date: 19 May 2009

THIS PAGE INTENTIONALLY LEFT BLANK


KAFB-10620
KAFB-10618
KAFB-10617
KAFB-10610
KAFB-10619
KAFB-10613
VA Hospital Well
KAFB-15
KAFB-1064
KAFB-1063
KAFB-1062
KAFB-10612
KAFB-1069
KAFB-1065
KAFB-10614
KAFB-10611
KAFB-16
KAFB-1061
KAFB-3411
KAFB-1068
KAFB-1066
KAFB-10616
KAFB-1067
KAFB-10615
GIBSON
RIDGECREST
SAN PEDRO
SAN MATEO
PENNSYLVANIA
LEGEND
Groundwater Production Well
Old Groundwater Monitoring Wells
New Groundwater Monitoring Wells
Currently Esimated Extent of Fuel
NM Central State Plane Feet, NAD 83
Summary of detected analytes in groundwater
(ug/L unless otherwise noted)
(shaded cells represent detections)
J - estimated; U - not detected above MDL
Concentrations shown in bold text indicate
values exeeding EPA and/or NMWQCC standards
0 250 500 1,000 1,500 2,000 Feet
N
Semi-Annual Summary and
Performance Report
October 2008 through March 2009
Bulk Fuels Facility
Figure 3-14
Groundwater Analytical Results
and PSH Thickness
October 2008 and January 2009
Revision Date: 19 May 2009

THIS PAGE INTENTIONALLY LEFT BLANK.

Table 3-2. Monitoring Well Construction Details and Groundwater Elevations, through First Quarter 2009, Bulk Fuels Facility (Continued, Page 1 of 3)

Well Number	Location	Measurement Date	Total Well Depth (feet bgs)	Screened Interval (feet bgs)	TIC Elevation [a] (feet MSL)	Depth to Groundwater (feet below TIC)	Groundwater Elevation (feet msl)	PSH Thickness (feet)
KAFB-1061	Along north fenceline in NW portion of facility. South of Contractor's storage yards.	2/9/2007	508.5	483-508	5344.19	488.16	4856.03	
		4/16/2007				487.78	4856.41	
		7/24/2007				489.00	4855.19	
		10/9/2007				489.96	4854.23	
		2/4/2008				489.74	4854.45	
		4/21/2008				488.66	4855.53	
		7/7/2008				489.81	4854.38	
		10/27/2008				491.07	4853.12	
		1/20/2009				490.40	4853.79	
KAFB-1062	North side of Randolph Ave. North of DRMO office.	2/9/2007	505	479-504	5341.82	486.05	4855.77	
		4/16/2007				485.72	4856.10	
		7/24/2007				486.03	4855.79	
		10/8/2007				487.80	4854.02	
		2/4/2008				486.70	4855.12	
		4/21/2008				486.48	4855.34	
		7/7/2008				487.78	4854.04	
		10/27/2008				488.94	4852.88	
		1/19/2009				488.16	4853.66	
KAFB-1063	North side of Randolph Ave. North of DRMO's western yard.	2/9/2007	503	476-501	5339.55	483.46	4856.09	
		4/16/2007				483.08	4856.47	
		7/24/2007				484.09	4855.46	
		10/8/2007				484.94	4854.61	
		2/4/2008				484.00	4855.55	
		4/21/2008				483.89	4855.66	
		7/7/2008				484.94	4854.61	
		10/27/2008				486.15	4853.40	
		1/19/2009				485.50	4854.05	
KAFB-1064	Parking lot south of VA Hospital	2/9/2007	510	484-509	5345.47	490.15	4855.32	
		4/16/2007				489.83	4855.64	
		7/24/2007				491.24	4854.23	
		10/8/2007				491.98	4853.49	
		2/4/2008				490.80	4854.67	
		4/21/2008				490.68	4854.79	
		7/7/2008				493.09	4852.38	
		10/27/2008				493.09	4852.38	
		1/19/2009				492.36	4853.11	

Table 3-2. Monitoring Well Construction Details and Groundwater Elevations, through First Quarter 2009, Bulk Fuels Facility (Continued, Page 2 of 3)

Well Number	Location	Measurement Date	Total Well Depth (feet bgs)	Screened Interval (feet bgs)	TIC Elevation [a] (feet MSL)	Depth to Groundwater (feet below TIC)	Groundwater Elevation (feet msl)	PSH Thickness (feet)
KAFB-1065	North of Fuels Dr. and Randolph Ave. intersection	2/9/2007	507	479-506	5346.59	492.20	4855.50 [b]	1.44
KAFB-1066	1951 Offloading Rack	1/3/2008 [c]	511	483.5-508.5	5351.38	496.99	4855.94 [b]	0.58
		7/7/2008				497.00	4854.60	0.28
		10/27/2008				498.92	4853.09	0.82
		1/19/2009				498.14	4853.80	0.73
KAFB-1067	Inside Tank Berm	2/4/2008	511	484-509	5349.41	493.35	4856.06	N/A
		4/21/2008				493.31	4856.10	
		7/7/2008				494.31	4855.10	
		10/27/2008				495.84	4853.57	
		1/20/2009				495.13	4854.28	
KAFB-1068	South of 90-Day Storage	2/4/2008	513.5	486-511	5351.67	497.30	4855.13 [b]	0.99
		4/21/2008				497.17	4855.29	1.03
		7/7/2008				498.92	4854.19	1.87
		10/27/2008				500.31	4852.63	1.65
		1/19/2009				499.18	4853.46	1.26
KAFB-1069	Base Fence Line	2/4/2008	507.5	480-505	5344.34	490.74	4854.67 [b]	1.39
		4/21/2008				490.64	4854.84	1.48
		7/7/2008				492.08	4853.63	1.78
		10/27/2008				493.64	4852.18	1.92
		1/19/2009				492.41	4853.02	1.42
KAFB-10610	Bullhead Park	2/4/2008	510.5	483-508	5343.20	489.95	4853.72 [b]	0.61
		4/21/2008				489.72	4854.04	0.73
		7/7/2008				491.03	4852.86	0.89
		10/27/2008				492.93	4851.10	0.89
		1/19/2009				--	--	--
KAFB-10611	East of facility on Randolph	10/27/2008	516	511-486	5350.03	501.17	4848.86	N/A
		1/19/2009				500.24	4849.79	
KAFB-10612	North of Fuels Facility	10/27/2008	510.5	505.5-480.5	5342.27	493.31	4848.96	N/A
		1/19/2009				492.40	4849.87	
KAFB-10613	VA Medical Center Parking Lot	10/27/2008	516.5	511.5-486.5	5350.45	498.80	4851.65	N/A
		1/19/2009				498.97	4851.48	
KAFB-10614	East of Fuels Facility on Randolph	10/27/2008	516	511-486	5343.08	498.96	4853.72 [b]	1.55
		1/19/2009				497.77	4846.13	1.07
		1/27/2009				489.95	4853.60	0.61
KAFB-10615	Far northeast corner on base	10/27/2008	515	510-485	5342.44	497.61	4844.83	N/A
		1/19/2009				494.04	4848.40	

Table 3-2. Monitoring Well Construction Details and Groundwater Elevations, through First Quarter 2009, Bulk Fuels Facility (Continued, Page 3 of 3)

Well Number	Location	Measurement Date	Total Well Depth (feet bgs)	Screened Interval (feet bgs)	TIC Elevation[a] (feet MSL)	Depth to Groundwater (feet below TIC)	Groundwater Elevation (feet msl)	PSH Thickness (feet)
KAFB-10616	Southwest of Fuels Facility	10/27/2008	505	500-475	5342.30	490.37	4851.93	N/A
		1/19/2009				487.29	4855.01	
KAFB-10617	VA Property	1/19/2009	512	507-482	5342.51	491.32	4851.19	N/A
KAFB-10618	VA Property	1/19/2009	506	501-476	5335.97	484.59	4851.38	N/A
KAFB-10619	VA Property	1/19/2009	523	518-493	5354.67	502.96	4851.71	N/A
KAFB-10620	VA Parking Lot	1/19/2009	512	507-482	5340.75	489.54	4851.21	N/A
KAFB-3411	South of southern fenceline around western portion of the facility.	2/9/2007	503	477-502	5343.29	486.87	4856.42	
		4/16/2007				486.52	4856.77	
		7/24/2007				487.75	4855.54	
		10/8/2007				488.59	4854.70	
		2/4/2008				487.41	4855.88	
		4/21/2008				487.35	4855.94	
		7/7/2008				488.46	4854.83	
		10/27/2008				489.81	4853.48	
		1/19/2009				489.01	4854.28	

a. The new monitoring well elevations were surveyed during May 2008.

b. Groundwater elevation was calculated accounting for product thickness and density using the following:
groundwater elevation = top of casing elevation - depth to water - (product thickness * specific gravity of product)

c. KAFB-1066 depth to water and depth to product measurements were not collected on 2/4/2008 due to installation of passive sampler. Measurements collected on 1/3/2008 are presented in this table.
feet bgs = Feet below ground surface.

feet msl = Feet above mean sea level.

TIC = Top of inner casing.

THIS PAGE INTENTIONALLY LEFT BLANK.

Table 3-3. Summary of Groundwater Analytical Results, Bulk Fuels Facility (Continued, Page 1 of 6)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-1061		Well KAFB-1062			Well KAFB-1063		Well KAFB-1064		Well KAFB-1067			Well KAFB-10611			Well KAFB-10612		Well KAFB-10613		Well KAFB-10615		Well KAFB-10616	
				10/29/08	01/27/09	10/30/08	01/20/09	01/20/09	10/29/08	01/20/09	10/28/08	01/21/09	10/29/08	01/27/09	01/27/09	10/27/08	10/27/08	01/26/09	10/28/08	02/02/09	10/28/08	01/22/09	11/03/08	01/26/09	10/30/08	01/27/09
				Q408	Q109	Q408	Q109	DUPQ109	Q408	Q109	Q408	Q109	Q408	Q109	Q109 DUP	Q408	Q408DUP	Q109	Q408	Q109	Q408	Q109	Q408	Q109	Q408	Q109
TPH (mg/L) Method 8015B	DRO	NA	NA	< 0.25	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.25	< 0.28	< 0.26	0.15 J	0.18 J	< 0.25	0.13 J	0.16 J	0.13 J	< 0.26	--	< 0.26	--	< 0.27
	MRO	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	GRO	NA	NA	0.34	0.14	0.06	0.081	0.081	< 0.06	< 0.06	0.042	0.086	0.056	0.033 J	0.033 J	0.052 J	0.059 J	0.018	< 0.06	1.7	< 0.06	0.067	--	0.055 J	--	0.2
VOCs (ug/L) Method 8260 (except EDB by method 504.1 and DBCP by method 504.1 beginning 2006)	1,1,1,2-Tetrachloroethane	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1,1-Trichloroethane	NA	60 *	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1,2,2-Tetrachloroethane	NA	10 *	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1,2-Trichloroethane	NA	5.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1-Dichloroethane	NA	25 *	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1-Dichloroethene	NA	5.0 *	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1-Dichloropropene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,2,3-Trichlorobenzene	NA	NA	< 1	< 1.2	< 1	< 1.2	< 1.2	< 1	< 1.2	< 1	< 1.2	< 1	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
	1,2,3-Trichloropropane	NA	NA	< 1	< 1.5	< 1	< 1.5	< 1.5	< 1	< 1.5	< 1	< 1.5	< 1	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
	1,2,4-Trichlorobenzene	NA	70	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,2,4-Trimethylbenzene	NA	NA	0.37 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.23 J	< 1	< 1	< 1	< 1	< 1	< 1
	1,2-Dibromo-3-chloropropane	NA	0.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5J	< 5	< 5	< 5	< 5	< 5	< 5
	1,2-Dibromoethane (EDB) [d]	NA	0.05	4.4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,2-Dichlorobenzene	NA	600	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,2-Dichloroethane (EDC)	NA	5.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,2-Dichloropropane	NA	5.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,3,5-Trimethylbenzene	NA	NA	0.26 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.57 J	0.24 J	< 1	< 1	< 1	< 1	< 1
	1,3-Dichlorobenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1 U	< 1	< 1	< 1	< 1	< 1	< 1
	1,3-Dichloropropane	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1 U	< 1	< 1	< 1	< 1	< 1	< 1
	1,4-Dichlorobenzene	NA	75	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1 U	< 1	< 1	< 1	< 1	< 1	< 1
	1-Methylnaphthalene	NA	30* [g]	--	< 1	--	< 1	< 1	--	< 1	--	< 1		< 1.1	< 1.1			< 1.1	--	0.037 J	--	< 1	--	< 1.1	--	0.078 J
	2,2-Dichloropropane	NA	NA	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	2-Butanone (MEK)	NA	NA	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
	2-Chlorotoluene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	2-Hexanone	NA	NA	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	4-Chlorotoluene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	4-Isopropyltoluene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	4-Methyl-2-pentanone	NA	NA	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	Acetone	NA	NA	86	< 10	< 10	< 10	< 10	< 2.6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	5.2 J	< 10
	Benzene	NA	5.0	22	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.21 J	0.2 J	< 1	3.6	166	0.65 J	< 1	< 1	< 1	< 1	< 1
	Bromobenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Bromochloromethane	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Bromodichloromethane	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Bromoform	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Bromomethane	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2J	< 2	< 2	< 2	< 2	< 2	< 2
	Carbon disulfide	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Carbon tetrachloride	NA	5.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Chlorobenzene	NA	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Chloroethane	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Chloroform	NA	100 *	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Chloromethane	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	cis-1,2-Dichloroethene	NA	70	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	cis-1,3-Dichloropropene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Dibromochloromethane	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Dibromomethane	NA	NA	< 1	< 1.1	< 1	< 1.1	< 1.1	< 1	< 1.1	< 1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
	Dichlorodifluoromethane	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Ethylbenzene	NA	700	1.4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	4.8	0.66 J	< 1	< 1	< 1	< 1	< 1
	Hexachlorobutadiene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Isopropylbenzene	NA	NA	0.59 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.6	< 1	< 1	< 1	< 1	< 1	< 1
	Methyl tert-butyl ether (MTBE)	NA	NA	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	Methylene chloride	NA	5.0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	Naphthalene	NA	30* [g]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1	< 1	< 1	< 1	< 1
	n-Butylbenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	n-Propylbenzene	NA	NA	0.17 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.76 J	0.3 J	< 1	< 1	< 1	< 1	< 1

Table 3-3. Summary of Groundwater Analytical Results, Bulk Fuels Facility (Continued, Page 2 of 6)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-1061		Well KAFB-1062			Well KAFB-1063		Well KAFB-1064		Well KAFB-1067			Well KAFB-10611			Well KAFB-10612		Well KAFB-10613		Well KAFB-10615		Well KAFB-10616	
				10/29/08	01/27/09	10/30/08	01/20/09	01/20/09	10/29/08	01/20/09	10/28/08	01/21/09	10/29/08	01/27/09	01/27/09	10/27/08	10/27/08	01/26/09	10/28/08	02/02/09	10/28/08	01/22/09	11/03/08	01/26/09	10/30/08	01/27/09
				Q408	Q109	Q408	Q109	DUPQ109	Q408	Q109	Q408	Q109	Q408	Q109	Q109 DUP	Q408	Q408DUP	Q109	Q408	Q109	Q408	Q109	Q408	Q109	Q408	Q109
VOCs (ug/L) Method 8260	sec-Butylbenzene	NA	NA	0.19 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.38 J	< 1	< 1	< 1	< 1	< 1	< 1
	Styrene	NA	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	tert-Butylbenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Tetrachloroethene	NA	5.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Toluene	NA	750 *	32	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.76 J	0.71 J	52.3	4.3	98.7	3.7	28.8	< 0.98	22	0.84 J	67.9
	trans-1,2-DCE	NA	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	trans-1,3-Dichloropropene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Trichloroethene	NA	5.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Trichlorofluoromethane	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Vinyl chloride	NA	1.0 *	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Xylenes, m-, p- (sum of isomers)	NA	NA	6.6	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.34 J	0.28 J	< 2	0.62 J	10	2.1	< 2	< 2	< 2	< 2	< 2
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	2.8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.28 J	5	0.93 J	< 1	< 1	< 1	< 1	< 1
	Xylenes, Total	NA	620 *	9.4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 3	< 2	0.34 J	0.28 J	< 3	0.9 J	15.1	3	< 3	< 3	< 3	< 3	< 3
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	--	< 1	NS	< 1	< 1	--	< 1	--	< 1	--	< 1	< 1	NS	NS	< 1	NS	< 1	NS	< 1	NS	< 1	--	< 1
	1,2-Dichlorobenzene	NA	NA	< 10	< 10.5	< 10	< 10.3	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	1,3-Dichlorobenzene	NA	NA	--	< 1	--	< 1	< 1	--	< 1	--	< 1	--	< 1	< 1	NS	NS	< 1	--	< 1	--	< 1	--	< 1	--	< 1
	1,4-Dichlorobenzene	NA	NA	--	< 1	--	< 1	< 1	--	< 1	--	< 1	--	< 1	< 1	NS	NS	< 1	--	< 1	--	<1	--	< 1	--	< 1
	1,3-Dinitrobenzene	NA	NA	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	1-Methylnaphthalene	NA	30* [g]	--	< 1	--	< 1	< 1	--	< 1	--	< 1	--	< 1.1	< 1.1	NS	NS	< 1.1	--	0.037 J	--	< 1	--	< 1.1	--	0.078 J
	2,4,5-Trichlorophenol	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	2,4,6-Trichlorophenol	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	2,4-Dimethylphenol	NA	NA	1.5 J	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	2,4-Dinitrophenol	NA	NA	< 60	< 62.8	< 60	< 61.2	< 61.2	< 60	< 61.8	< 60	< 61.8	< 60	< 63.2	< 58.2	< 64.2	< 65.9	< 64.2	< 63.5	< 61.2	< 63.8	< 63.8	R	62.2 U	< 63.2	< 66.7
	2,4-Dinitrotoluene	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	2,6-Dinitrotoluene	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	2-Chloronaphthalene	NA	NA	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	2-Chlorophenol	NA	NA	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	2-Methylnaphthalene	NA	30* [g]	< 10	< 10.5	< 10	< 10.3	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	2-Methylphenol	NA	NA	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	2-Nitroaniline	NA	NA	< 50	< 52.4	< 50	< 51	< 51	< 50	< 51.5	< 50	< 51.5	< 50	< 52.6	< 48.5	< 53.5	< 54.9	< 53.5	< 52.9	< 51	< 53.2	< 53.2	< 53.5	< 51.8	< 52.6	< 55.6
	2-Nitrophenol	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	3,3´-Dichlorobenzidine	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	3-Nitroaniline	NA	NA	< 50	< 52.4	< 50	< 51	< 51	< 50	< 51.5	< 50	< 51.5	< 50	< 52.6	< 48.5	< 53.5	< 54.9	< 53.5	< 52.9	< 51	< 53.2	< 53.2	< 53.5	< 51.8	< 52.6	< 55.6
	4,6-Dinitro-2-methylphenol	NA	NA	< 60	< 62.8	< 60	< 61.2	< 61.2	< 60	< 61.8	< 60	< 61.8	< 60	< 63.2	< 58.2	< 64.2	< 65.9	< 64.2	< 63.5	< 61.2	< 63.8	< 63.8	< 64.2	< 62.2	< 63.2	< 66.7
	4-Bromophenyl phenyl ether	NA	NA	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	4-Chloro-3-methylphenol	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	4-Chloroaniline	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	4-Chlorophenyl phenyl ether	NA	NA	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	4-Nitroaniline	NA	NA	< 50	< 10.5	< 50	< 10.2	< 10.2	< 50	< 10.3	< 50	< 10.3	< 50	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	4-Nitrophenol	NA	NA	< 50	<52.4	< 50	< 51J	< 51J	< 50	< 51.5J	< 50	< 51.5J	< 50	< 52.6	< 48.5	< 53.5	< 54.9	< 53.5	< 52.9	< 51	< 53.2	< 53.2	< 53.5	< 51.8	< 52.6	< 55.6
	Benzidine	NA	NA	< 150	< 157	< 150	<153	<153	< 150	< 155	< 150	< 155	< 150	< 158	< 146	< 160	< 165	< 160	< 159	< 153	< 160	< 160	R	< 155	R	< 167
	Benzoic acid	NA	NA	< 60	< 62.8	< 60	< 61.2	< 61.2	< 60	< 61.8	< 60	< 61.8	< 60	< 63.2	< 58.2	< 64.2	< 65.9	< 64.2	R	R	R	< 63.8	R	< 62.2	< 63.2	< 66.7
	Bis(2-chloroethoxy)methane	NA	NA	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Bis(2-chloroethyl)ether	NA	NA	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Bis(2-ethylhexyl)phthalate	NA	NA	< 10	**7 J**	2 J	< 10.2	< 10.2	6.3 J	< 10.3	7.2 J	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Butyl benzyl phthalate	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	Dibenzofuran	NA	NA	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Diethyl phthalate	NA	NA	< 20	< 10.5	< 20	< 10.2	< 10.2	< 20	< 10.3	< 20	< 10.3	< 20	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Dimethyl phthalate	NA	NA	< 20	< 10.5	< 20	< 10.2	< 10.2	< 20	< 10.3	< 20	< 10.3	< 20	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Di-n-butyl phthalate	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2

Table 3-3. Summary of Groundwater Analytical Results, Bulk Fuels Facility (Continued, Page 3 of 6)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-1061		Well KAFB-1062			Well KAFB-1063		Well KAFB-1064		Well KAFB-1067			Well KAFB-10611			Well KAFB-10612		Well KAFB-10613		Well KAFB-10615		Well KAFB-10616	
				10/29/08	01/27/09	10/30/08	01/20/09	01/20/09	10/29/08	01/20/09	10/28/08	01/21/09	10/29/08	01/27/09	01/27/09	10/27/08	10/27/08	01/26/09	10/28/08	02/02/09	10/28/08	01/22/09	11/03/08	01/26/09	10/30/08	01/27/09
				Q408	Q109	Q408	Q109	DUPQ109	Q408	Q109	Q408	Q109	Q408	Q109	Q109 DUP	Q408	Q408DUP	Q109	Q408	Q109	Q408	Q109	Q408	Q109	Q408	Q109
SVOCs (ug/L) Method 8270	Di-n-octyl phthalate	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	Hexachlorobenzene	NA	1.0	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Hexachlorocyclopentadiene	NA	50	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Hexachloroethane	NA	NA	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Hexachlorobutadiene	NA	NA	< 10	< 10.5	< 10	< 10.3	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Naphthalene	NA	30* [g]	< 10	< 10.5	< 10	< 10.3	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Nitrobenzene	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	N-Nitrosodi-n-propylamine	NA	NA	< 20	< 20.9	< 20	< 20.4	< 20.4	< 20	< 20.6	< 20	< 20.6	< 20	< 21	< 19.4	< 21.4	< 22	< 21.4	< 21.2	< 20.4	< 21.3	< 21.3	< 21.4	< 20.7	< 21	< 22.2
	N-Nitrosodiphenylamine	NA	NA	< 10	< 10.5	< 10	< 10.2	< 10.2	< 10	< 10.3	< 10	< 10.3	< 10	< 10.5	< 9.7	< 10.7	< 11	< 10.7	< 10.6	< 10.2	< 10.6	< 10.6	< 10.7	< 10.4	< 10.5	< 11.1
	Pentachlorophenol	NA	1.0	< 60	< 62.8	< 60	< 61.2	< 61.2	< 60	< 61.8	< 60	< 61.8	< 60	< 63.2	< 58.2	< 64.2	< 65.9	< 64.2	< 63.5	< 61.2	< 63.8	< 63.8	< 64.2	< 62.2	< 63.2	< 66.7
	Phenol	NA	5.0 *	< 10	< 10.5	< 10	< 10.2J	< 10.2J	< 10	< 10.3J	< 10	< 10.3J	< 10	< 10.5	< 9.7	< 10.7	< 11	2.6 J	< 10.6	< 10.2	< 10.6	2.1 J	< 10.7	< 10.4	< 10.5	6.1 J
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1	< 1.1	1.3	1.1	< 1.1	0.69 J	0.037 J	1.1	< 1	< 0.25	< 1.1	0.44 J	0.078 J
	2-Methylnaphthalene	NA	30* [g]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1	< 1.1	1.6	1.4	< 1.1	0.96 J	< 1	1.6	< 1	< 1.1	< 1.1	0.62 J	< 1.1
	Acenaphthene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1	< 1.1	0.18 J	0.15 J	< 1.1	0.1 J	< 1	0.14 J	< 1	< 0.036	< 1.1	< 1	< 1.1
	Acenaphthylene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1	< 1.1	< 1	< 1	< 1.1	< 1	< 1	< 1.1	< 1	< 1.1	< 1.1	< 1	< 1.1
	Anthracene	NA	NA	< 0.3	<.31	< 0.3	<.31	<.31	< 0.3	<.31	< 0.3	<.31	< 0.3	< .33	< 0.32	< 0.32	< 0.32	< .32	< 0.32	< 0.3	< 0.32	< .31	< 0.32	< .33	< 0.32	0.018 J
	Benz(a)anthracene	NA	NA	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< .22	< 0.21	< 0.21	< 0.21	< .22	< 0.21	< 0.2	< 0.21	< 0.2	< 0.21	< .22	< 0.21	< .22
	Benzo(a)pyrene	NA	0.2	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< .22	< 0.21	< 0.21	< 0.21	< .22	< 0.21	< 0.2	< 0.21	< 0.2	< 0.21	< .22	< 0.21	< .22
	Benzo(b)fluoranthene	NA	NA	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< .22	< 0.21	< 0.21	< 0.21	< .22	< 0.21	< 0.2	< 0.21	< 0.2	< 0.21	< .22	< 0.21	< .22
	Benzo(g,h,i)perylene	NA	NA	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< 0.2	0.036 J	< 0.2	< .22	< 0.21	< 0.21	< 0.21	< .22	< 0.21	< 0.2	< 0.21	< 0.2	< 0.21	< .22	< 0.21	< .22
	Benzo(k)fluoranthene	NA	NA	< 0.1	< 0.1	< 0.1	< .1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< .16	< 0.16	< 0.16	< 0.16	< .16	< 0.16	< .15	< 0.16	< .15	< 0.16	< .16	< 0.16	< .16
	Chrysene	NA	NA	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< .22	< 0.21	< 0.21	< 0.21	< .22	< 0.21	< 0.2	< 0.21	< 0.2	< 0.21	< .22	< 0.21	< .22
	Dibenz(a,h)anthracene	NA	NA	< 0.3	< .31	< 0.3	< .31	< .31	< 0.3	< .31	< 0.3	< .31	< 0.3	< .33	< 0.32	< 0.32	< 0.32	< .32	< 0.32	< 0.3	< 0.32	< .31	< 0.32	< .33	< 0.32	< .33
	Fluoranthene	NA	NA	< 0.4	< .41	< 0.4	< .41	< .41	< 0.4	< .41	< 0.4	< .41	< 0.4	< .44	< 0.42	< 0.42	< 0.42	< .43	< 0.42	< .41	< 0.42	< .41	< 0.43	< .43	< 0.42	0.052 J
	Fluorene	NA	NA	0.1 J	< .31	< 0.3	< .31	< .31	< 0.3	< .31	< 0.3	< .31	< 0.3	< .33	< .32	0.28 J	0.24 J	< .32	0.16 J	< .3	0.19 J	< .31	< 0.32	< .33	< 0.32	< .33
	Indeno(1,2,3-cd)pyrene	NA	NA	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< 0.2	0.028 J	< 0.2	< .22	< .21	< 0.21	< 0.21	< .22	< 0.21	< .2	< 0.21	< .2	< 0.21	< .22	< 0.21	< .22
	Naphthalene	NA	30* [g]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1	< 1.1	0.38 J	0.38 J	< 1.1	0.23 J	0.076 J	0.34 J	< 1	< 1.1	< 1.1	0.18 J	0.095 J
	Phenanthrene	NA	NA	< 0.3	< .31	< 0.3	< .31	< .31	< 0.3	< .31	< 0.3	< .31	< 0.3	< .33	< 0.32	< 0.32	< 0.32	< .32	< 0.32	< .3	< 0.32	< .31	< 0.32	< .33	< 0.32	< .33
	Pyrene	NA	NA	< 0.2	< .2	< 0.2	< .21	< .2	< 0.2	< .2	< 0.2	< .2	< 0.2	< .22	< 0.21	< 0.21	< 0.21	< .22	< 0.21	< .2	< 0.21	< .2	< 0.21	<.22	< 0.21	<.22
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	--	< .1	--	< .1	< .1	--	< .1	--	< .1	--	< .1	0.173	0.774 J	1.05 J	< .1	--	0.0348 J	--	0.0185 J	--	< .1	--	< .1
	Manganese (dissolved)	NA	0.05 (s)	--	0.0293	--	0.00195 J	0.00195 J	--	< .01	--	< .01	--	0.00144 J	0.00174 J	0.272	0.285	0.0297	--	0.343	--	0.033	--	< .01	--	0.0256
Anions (mg/L) Method 300.0	Fluoride	NA	1.6 *	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloride	NA	250 (s)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromide	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Orthophosphate (as P)	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrite (as N)	NO_3/NO_2 4.0	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrate (as N)		10.0	< 0.5	0.0691 J	0.25 J	0.294 J	0.294 J	3.1	3.13 J	**0.58**	0.91 J	0.47 J	0.525 J	0.52 J	< 10	0.018 J	10 U	< 10	0.0294 J	0.0471 J	0.133 J	0.318 J	0.378 J	0.027 J	0.104 J
	Sulfate	NA	250 (s)		25.6	--	33.4	33.4	--	169		46.2	--	31.7	31.6	--	--	28	--	52.3	--	34.4	--	27.2		26.8

Table 3-3. Summary of Groundwater Analytical Results, Bulk Fuels Facility (Continued, Page 4 of 6)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-10617	Well KAFB-10618	Well KAFB-10619	Well KAFB-10620	Well KAFB-3411		VA Hospital Production Well		KAFB-03		KAFB-15		KAFB-16	
				01/23/09	02/10/09	01/23/09	01/22/09	10/30/08	01/20/09	10/28/08	10/28/08	10/29/08	01/27/09	10/29/08	01/29/09	10/29/08	01/29/09
				Q109	Q109	Q109	Q109	Q408	Q109	Q408	Q408-DUP	Q408	Q109	Q408	Q109	Q408	Q109
TPH (mg/L) Method 8015B	DRO	NA	NA	< 0.28	16.7 J	0.10 J	< 0.26	< 0.25	< 0.26	< 0.25	< 0.25	< 0.25	0.17 J	< 0.25	0.12 J	< 0.25	0.11 J
	MRO	NA	NA	--	--	--	--			--	--	--	--	--	--	--	--
	GRO	NA	NA	0.19	18	0.3	0.98	0.27	0.35	< 0.012	< 0.06	< 0.09	< 0.06	< 0.025	< 0.06	< 0.08	< 0.06
VOCs (ug/L) Method 8260 (except EDB by method 504.1 and DBCP by method 504.1 beginning 2006)	1,1,1,2-Tetrachloroethane	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,1,1-Trichloroethane	NA	60 *	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,1,2,2-Tetrachloroethane	NA	10 *	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,1,2-Trichloroethane	NA	5.0	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,1-Dichloroethane	NA	25 *	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,1-Dichloroethene	NA	5.0 *	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,1-Dichloropropene	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,2,3-Trichlorobenzene	NA	NA	< 1.2	< 12.2	< 1.2	< 1.2	< 6.7	< 1.2	< 1	< 1	< 1	< 1.2	< 1	< 1.2J	< 1	< 1.2
	1,2,3-Trichloropropane	NA	NA	< 1.5	< 15.2	< 1.5	< 1.5	< 6.7	< 1.5	< 1	< 1	< 1	< 1.5	< 1	< 1.5J	< 1	< 1.5
	1,2,4-Trichlorobenzene	NA	70	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,2,4-Trimethylbenzene	NA	NA	< 1	200	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,2-Dibromo-3-chloropropane	NA	0.2	< 5	< 50	< 5	< 5	< 33	< 5	< 5	< 5	< 5	< 5	< 5	< 5J	< 5	< 5
	1,2-Dibromoethane (EDB) [d]	NA	0.05	3.6	160	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,2-Dichlorobenzene	NA	600	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,2-Dichloroethane (EDC)	NA	5.0	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,2-Dichloropropane	NA	5.0	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,3,5-Trimethylbenzene	NA	NA	< 1	72	< 1	.29 J	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,3-Dichlorobenzene	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,3-Dichloropropane	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1,4-Dichlorobenzene	NA	75	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	1-Methylnaphthalene	NA	30* [g]	0.058 J	9.9	0.094 J	< 1	--	< 1	--	--	--	< 1	--	< 1	--	< 1.1
	2,2-Dichloropropane	NA	NA	< 5	< 50	< 5	< 5	< 33	< 5	< 5	< 5	< 5	< 5	< 5	< 5J	< 5	< 5
	2-Butanone (MEK)	NA	NA	< 6	760	< 6	< 6	< 40	< 6	< 6	< 6	< 6	< 6	< 6	< 6J	< 6	< 6
	2-Chlorotoluene	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	2-Hexanone	NA	NA	< 5	< 50	< 5	< 5	< 33	< 5	< 5	< 5	< 5	< 5	< 5	< 5J	< 5	< 5
	4-Chlorotoluene	NA	NA	< 1	10 U	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	4-Isopropyltoluene	NA	NA	< 1	4.9 J	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	4-Methyl-2-pentanone	NA	NA	< 5	200	< 5	< 5	< 33	< 5	< 5	< 5	< 5	< 5	< 5	< 5J	< 5	< 5
	Acetone	NA	NA	< 10	840	< 10	< 10	< 67	< 10	< 10	< 10	< 3	< 10	< 10	< 10	< 10	< 10
	Benzene	NA	5.0	11	7700	0.35 J	0.66 J	< 6.7	0.2 J	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Bromobenzene	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Bromochloromethane	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Bromodichloromethane	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Bromoform	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	0.49 J	0.5 J	< 1	< 1	< 1	< 1J	< 1	< 1
	Bromomethane	NA	NA	< 2	< 20	< 2	< 2	< 13	< 2	< 2	< 2	< 2	< 2	< 2	< 2J	< 2	< 2
	Carbon disulfide	NA	NA	< 2	< 20	< 2	< 2	< 13	< 2	< 2	< 2	< 2	< 2	< 2	< 2J	< 2	< 2
	Carbon tetrachloride	NA	5.0	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Chlorobenzene	NA	100	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Chloroethane	NA	NA	< 2	< 20	< 2	< 2	< 13	< 2	< 2	< 2	< 2	< 2	< 2	< 2J	< 2	< 2
	Chloroform	NA	100 *	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Chloromethane	NA	NA	< 2	< 20	< 2	< 2	< 13	< 2	< 2	< 2	< 2	< 2	< 2	< 2J	< 2	< 2
	cis-1,2-Dichloroethene	NA	70	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	cis-1,3-Dichloropropene	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Dibromochloromethane	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	0.18 J	< 1	< 1	< 1	< 1J	< 1	< 1
	Dibromomethane	NA	NA	< 1.1	< 10.6	< 1.1	< 1.1	< 6.7	< 1.1	< 1	< 1	< 1	< 1.1	< 1	< 1.1J	< 1	< 1.1
	Dichlorodifluoromethane	NA	NA	< 2	< 20	< 2	< 2	< 13	< 2	< 2	< 2	< 2	< 2	< 2	< 2J	< 2	< 2
	Ethylbenzene	NA	700	< 1	280	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Hexachlorobutadiene	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Isopropylbenzene	NA	NA	< 1	22	< 1	1.9	< 6.7	1.6	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Methyl tert-butyl ether (MTBE)	NA	NA	< 5	< 50	< 5	< 5	< 33	< 5	< 5	< 5	< 5	< 5	< 5	< 5J	< 5	< 5
	Methylene chloride	NA	5.0	< 5	< 50	< 5	< 5	< 4	< 5	< 5	< 5	< 5	< 5	< 0.33	< 5J	< 5	< 5
	Naphthalene	NA	30* [g]	< 1	46 J	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	n-Butylbenzene	NA	NA	< 1	4.1 J	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	n-Propylbenzene	NA	NA	< 1	14	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1

Table 3-3. Summary of Groundwater Analytical Results, Bulk Fuels Facility (Continued, Page 5 of 6)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-10617	Well KAFB-10618	Well KAFB-10619	Well KAFB-10620	Well KAFB-3411		VA Hospital Production Well		KAFB-03		KAFB-15		KAFB-16	
				01/23/09	02/10/09	01/23/09	01/22/09	10/30/08	01/20/09	10/28/08	10/28/08	10/29/08	01/27/09	10/29/08	01/29/09	10/29/08	01/29/09
				Q109	Q109	Q109	Q109	Q408	Q109	Q408	Q408-DUP	Q408	Q109	Q408	Q109	Q408	Q109
VOCs (ug/L) Method 8260	sec-Butylbenzene	NA	NA	< 1	3.4 J	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Styrene	NA	100	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	tert-Butylbenzene	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Tetrachloroethene	NA	5.0	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Toluene	NA	750 *	66.6	470	114	68.3	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	trans-1,2-DCE	NA	100	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	trans-1,3-Dichloropropene	NA	NA	< 1	< 10	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Trichloroethene	NA	5.0	< 1	< 10	< 1	< 1	< 6.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Trichlorofluoromethane	NA	NA	< 2	< 20	< 2	< 2	< 13	< 1	< 2	< 2	< 2	< 2	< 2	< 2J	< 2	< 2
	Vinyl chloride	NA	1.0 *	< 1	< 10	< 1	< 1	< 6.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Xylenes, m-, p- (sum of isomers)	NA	NA	< 2	1400	0.65 J	0.4 J	< 13	< 2	< 2	< 2	< 2	< 2	< 2	< 2J	< 2	< 2
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	2	520	< 1	< 1	< 6.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1J	< 1	< 1
	Xylenes, Total	NA	620 *	2 J	1900	0.65 J	0.4 J	< 13	< 2	< 2	< 2	< 2	< 3	< 2	< 3J	< 2	< 3
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	< 1	< 10	< 1	< 1	NS	< 1	--	--	--	< 1	--	< 1J	--	< 1
	1,2-Dichlorobenzene	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 1	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	1,3-Dichlorobenzene	NA	NA	< 1	< 10	< 1	< 1	NS	< 1	--	--	--	< 1	--	< 1J	--	< 1
	1,4-Dichlorobenzene	NA	NA	< 1	< 10	< 1	< 1	NS	< 1	--	--	--	> 1	--	< 1J	--	< 1
	1,3-Dinitrobenzene	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	1-Methylnaphthalene	NA	30* [g]	0.058 J	9.9	0.094 J	< 1	NS	< 1	--	--	--	< 1	--	< 1	--	< 1.1
	2,4,5-Trichlorophenol	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	2,4,6-Trichlorophenol	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	2,4-Dimethylphenol	NA	NA	< 14.5	10.8	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	2,4-Dinitrophenol	NA	NA	< 87	< 61.5	< 57.7	< 63.2	< 60	< 61.8	< 60	< 60	< 60	< 61.5	< 60	< 61.8	< 60	< 62.2
	2,4-Dinitrotoluene	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	2,6-Dinitrotoluene	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	2-Chloronaphthalene	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	2-Chlorophenol	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	2-Methylnaphthalene	NA	30* [g]	< 14.5	5.6 J	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	2-Methylphenol	NA	NA	< 14.5	< 10.2	5.2 J	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	2-Nitroaniline	NA	NA	< 72.5	< 51.3	< 48.1	< 52.6	< 50	< 51.5	< 50	< 50	< 50	< 51.3	< 50	< 51.5	< 50	< 51.8
	2-Nitrophenol	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	3,3´-Dichlorobenzidine	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	3-Nitroaniline	NA	NA	< 72.5	< 51.3	< 48.1	< 52.6	< 50	< 51.5	< 50	< 50	< 50	< 51.3	< 50	< 51.5	< 50	< 51.8
	4,6-Dinitro-2-methylphenol	NA	NA	< 87	< 61.5	< 57.7	< 63.2	< 60	< 61.8	< 60	< 60	< 60	< 61.5	< 60	< 61.8	< 60	< 62.2
	4-Bromophenyl phenyl ether	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	4-Chloro-3-methylphenol	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	4-Chloroaniline	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	4-Chlorophenyl phenyl ether	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	4-Nitroaniline	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 50	< 10.3	< 50	< 50	< 50	< 10.2	< 50	< 10.3	< 50	< 10.4
	4-Nitrophenol	NA	NA	< 72.5	< 51.3	< 48.1	< 52.6	< 50	< 51.5J	< 50	< 50	< 50	< 51.3	< 50	< 51.5	< 50	< 51.8
	Benzidine	NA	NA	< 217	< 154	< 144	< 158	< 150	< 155	< 150	< 150	< 150	< 154	< 150	< 155	< 150	< 155
	Benzoic acid	NA	NA	< 87	< 61.5	< 57.7	< 63.2	< 60	< 61.8	< 60	< 60	< 60	< 61.5	< 60	< 61.8	< 60	< 62.2
	Bis(2-chloroethoxy)methane	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	Bis(2-chloroethyl)ether	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	Bis(2-ethylhexyl)phthalate	NA	NA	< 14.5	< 10.2	5.1 J	< 10.5	7.3 J	< 10.3	< 10	< 10	0.61 J	6.2 J	< 10	< 10.3	1.2 J	24.8
	Butyl benzyl phthalate	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	Dibenzofuran	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	Diethyl phthalate	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 20	< 10.3	< 20	< 20	< 20	< 10.2	< 20	< 10.3	< 20	< 10.4
	Dimethyl phthalate	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 20	< 10.3	< 20	< 20	< 20	< 10.2	< 20	< 10.3	< 20	< 10.4
	Di-n-butyl phthalate	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7

Table 3-3. Summary of Groundwater Analytical Results, Bulk Fuels Facility (Concluded, Page 6 of 6)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-10617	Well KAFB-10618	Well KAFB-10619	Well KAFB-10620	Well KAFB-3411		VA Hospital Production Well		KAFB-03		KAFB-15		KAFB-16	
				01/23/09	02/10/09	01/23/09	01/22/09	10/30/08	01/20/09	10/28/08	10/28/08	10/29/08	01/27/09	10/29/08	01/29/09	10/29/08	01/29/09
				Q109	Q109	Q109	Q109	Q408	Q109	Q408	Q408-DUP	Q408	Q109	Q408	Q109	Q408	Q109
SVOCs (ug/L) Method 8270	Di-n-octyl phthalate	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	Hexachlorobenzene	NA	1.0	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	Hexachlorocyclopentadiene	NA	50	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	Hexachloroethane	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	Hexachlorobutadiene	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.24	< 10	< 10.34	< 10	< 10.4
	Naphthalene	NA	30* [g]	< 14.5	22.9	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	Nitrobenzene	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	N-Nitrosodi-n-propylamine	NA	NA	< 29	< 20.5	< 19.2	< 21	< 20	< 20.6	< 20	< 20	< 20	< 20.5	< 20	< 20.6	< 20	< 20.7
	N-Nitrosodiphenylamine	NA	NA	< 14.5	< 10.2	< 9.6	< 10.5	< 10	< 10.3	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
	Pentachlorophenol	NA	1.0	< 87	< 61.5	< 57.7	< 63.2	< 60	< 61.8	< 60	< 60	< 60	< 61.5	< 60	< 61.8	< 60	< 62.2
	Phenol	NA	5.0 *	< 14.5	< 10.5	< 9.6	< 10.5	< 10	< 10.3J	< 10	< 10	< 10	< 10.2	< 10	< 10.3	< 10	< 10.4
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	0.058 J	9.9	0.094 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1
	2-Methylnaphthalene	NA	30* [g]	< 1.1	14.5	< 1.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1
	Acenaphthene	NA	NA	< 1.1	< 1	< 1.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1
	Acenaphthylene	NA	NA	< 1.1	0.64 J	< 1.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1
	Anthracene	NA	NA	< .33	< .31	< .32	< .32	< 0.3	< .31	< 0.3	< 0.3	< 0.3	< .31	< 0.3	< .31	< 0.3	0.017 J
	Benz(a)anthracene	NA	NA	< .22	0.085 J	< .22	< .21	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< .21	< 0.2	< .22
	Benzo(a)pyrene	NA	0.2	< .22	< 0.2	< .22	< .21	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< .21	< 0.2	< .22
	Benzo(b)fluoranthene	NA	NA	< .22	< 0.2	< .22	< .21	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< .21	< 0.2	< .22
	Benzo(g,h,i)perylene	NA	NA	< .22	< 0.2	< .22	< .21	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< .21	< 0.2	< .22
	Benzo(k)fluoranthene	NA	NA	< .16	< .15	< .16	< .16	< 0.1	< .1	< 0.1	< 0.1	< 0.1	< .15	< 0.1	< .15	< 0.1	< .16
	Chrysene	NA	NA	< .22	< .2	< .22	< .21	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< .21	< 0.2	< .22
	Dibenz(a,h)anthracene	NA	NA	< .33	< .31	< .32	< .32	< 0.3	< .31	< 0.3	< 0.3	< 0.3	< .31	< 0.3	< .31	< 0.3	< .33
	Fluoranthene	NA	NA	< .43	< .41	< .43	< .42	< 0.4	< .41	< 0.4	< 0.4	< 0.4	< .41	< 0.4	< .41	< 0.4	< .44
	Fluorene	NA	NA	< .33	< .31	< .32	< .32	< 0.3	<.31	< 0.3	< 0.3	< 0.3	<.31	< 0.3	<.31	< 0.3	< .33
	Indeno(1,2,3-cd)pyrene	NA	NA	< .22	< .2	< .22	< .21	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< .21	< 0.2	< .22
	Naphthalene	NA	30* [g]	0.13 J	21.4	< 1.1	1 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1
	Phenanthrene	NA	NA	< .33	1.6	< .32	< .32	< 0.3	< .31	< 0.3	< 0.3	< 0.3	< .31	< 0.3	< .31	< 0.3	< .33
	Pyrene	NA	NA	<.22	< .2	< .22	< .21	< 0.2	< .21	< 0.2	< 0.2	< 0.2	< .21	< 0.2	< .21	< 0.2	< .22
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	< .1	<.1	0.00736 J	0.00668 J	--	< .1	--	--	--	< .1	--	< .1	--	< .1
	Manganese (dissolved)	NA	0.05 (s)	< .01	0.641 J	0.0216	< .014	--	0.208	--	--	--	< .01	--	0.0256	--	0.00796 J
Anions (mg/L) Method 300.0	Fluoride	NA	1.6 *	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloride	NA	250 (s)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromide	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Orthophosphate (as P)	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrite (as N)	NO_3/NO_2 4.0	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrate (as N)		10.0	0.279 J	10 U	0.095 J	0.142 J	< 0.5	0.0327 J	0.23 J	0.23 J	**0.57 J**	0.523 J	< 0.5	< 10	< 0.5	< 10
	Sulfate	NA	250 (s)	37	64.7	34.1	41.4	--	40.7	--	--	--	35.2	--	30.8	--	32.3

a. EPA analytical methods listed are for the most recent sampling event.

b. NMED HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water. Concentrations exceeding background are shown in *italics*, if applicable.

c. EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Mexico Water Quality Control Commission (WQCC) Regulations as denoted by "*". Concentrations exceeding standards shown in **BOLD**.

d. Samples analyzed for EDB using Methods 8260 and 504.1. Table includes only Method 504.1 results because this method has a lower quantitation limit.

f. Field Parameters collected throughout well purge, reported parameter values were taken at time of sample collection.

g. The WQCC regulation for PAHs of 30 mg/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

Shading indicates the analyte was detected.

H - Orthophosphate samples from October 2004 analyzed out of hold time.

NA - not applicable --- not analyzed NR - not recorded possible instrument calibration error J - estimated value, concentration is less than PQL but greater than Laboratory Method Detection Limit.

U - The analyte was not detected. The associated numerical value is at or below the MDL.

Trip blanks accompanied the VOC sample bottles and were analyzed for VOCs, EDB, and GRO. The results of the quality assurance/quality control (QA/QC) samples confirmed adequate laboratory precision and accuracy. The data quality evaluation (DQE) report for both quarters of groundwater sampling is included with the data in Appendix B.

Laboratory analytical data and field parameter data for groundwater samples collected during the reporting period are summarized in Table 3-3, and detected analytes for each quarter are shown in Figure 3-14. The complete laboratory analytical data packages for groundwater samples collected during the reporting period are provided Appendix B. A historical summary of laboratory analytical data and field parameters data for groundwater samples collected in association with the Bulk Fuels Facility investigation is provided in Appendix A.

After groundwater sampling, purge water from monitoring wells is contained in polyethylene storage tanks at the site. Upon receipt of analytical data a request for authorization to dispose the purge water the ground surface is submitted to the NMED-GWQB. Upon receipt of approval, the purge water is discharged to the ground surface. The purge water disposal approvals are included in Appendix B.

3.3.1 Groundwater Monitoring Data

The following is a summary of the detections in groundwater during the fourth quarter of 2008 and the first quarter 2009. In prior reports, analytical results were briefly discussed on a well by well basis. However, with the number of wells now being sampled on a quarterly basis the analytical data for individual wells is presented in tabular format and on the figure and a summary discussion of the data as a whole is presented in the text. Historic groundwater data is provided in Appendix A, Table A-4

Plume Delineation South of Kirtland AFB Boundary

- In the vicinity of the Bulk Fuels Facility the quarterly groundwater data continue to illustrate that the eastern, western, and southern extents of the PSH and dissolved constituent impacts to the groundwater are well delineated.

- Well KAFB-1061 contained an elevated benzene concentration during the October 2008 sampling event, exceeding the EPA MCL, but was non-detect for benzene in January 2009. Well KAFB-1061 has historically shown similar fluctuations that may be the result of the operation of the Former Fuel Offloading Rack SVE system. Wells KAFB-1062, KAFB-1063, and KAFB-3411 show essentially no detections of dissolved fuel-related constituents or very low levels well below applicable regulatory levels. New well KAFB-10616 contained detections of toluene, but at concentrations below applicable regulatory limits. These data effectively delineate the extent of PSH and dissolved phase constituents in excess of regulatory levels in this western area of the site.

- Well KAFB-1067 along with new well KAFB-10616 delineate the southern extent of the PSH plume. Additionally, KAFB-1067 contains only low levels of estimated GRO TPH detections, thereby delineating the south-southeastern extent of dissolved phase constituents in groundwater as well. New well KAFB-10611 delineates the eastern extent of the PSH and dissolved phase constituent impacts, containing only low levels of estimated GRO detections and toluene and xylene detections below applicable regulatory levels.

- New well KAFB-10614, immediately west of KAFB-10611, contains over 0.5 ft of PSH. This pair of wells indicates that the PSH body dissipates to being non-detectable within less than the 500 ft lateral distance between KAFB-10614 and KAFB-10611. Furthermore, dissolved phase constituent impacts that extend beyond the PSH body also dissipate within that same distance. This indicates that dissolved phase impacts that extend out beyond the plume of actual PSH on the water table are relatively self-limiting, being reduced by naturally occurring biological and physical processes.

- Concentrations of the routinely detected, dissolved metals manganese and iron were present in various site wells during the two quarters. In some wells, the detected concentrations exceed the EPA National Secondary Drinking Water Standards. The EPA National Secondary Drinking Water Standards are for aesthetic, taste, and odor purposes and are not promulgated as enforceable regulatory standards.

- The naturally occurring anions nitrate and sulfate was detected in multiple wells during both quarters. All detected concentrations were below applicable primary or secondary regulatory limits.

- Concentrations of the routinely detected, naturally occurring dissolved metals manganese and iron were present in various site wells during the two quarters. In some wells, the detected concentrations exceed the EPA National Secondary Drinking Water Standards. The EPA National Secondary Drinking Water Standards are for aesthetic, taste, and odor purposes and are not promulgated as enforceable regulatory standards.

- The naturally occurring anions nitrate and sulfate was detected in multiple wells during both quarters. All detected concentrations were applicable primary or secondary regulatory limits.

Plume Delineation North of Kirtland AFB Boundary

- Existing wells KAFB-1062 and KAFB-1064 were supplemented with new wells KAFB-10613 and KAFB-10620 to largely delineate the western extent of the PSH and dissolved phase constituent impacts north of the Kirtland AFB boundary. These wells contained low levels of estimated GRO detections and either toluene or xylenes at concentrations well below applicable regulatory levels.

- New well KAFB-10615 delineates the far northeastern extent of dissolved phase constituent impacts. The January 2009 sample only contained toluene at a concentration of 22 micrograms per liter (μg/L) which is an order of magnitude below the EPA MCL of 750 μg/L.

- New wells KAFB-10617 and KAFB-10619 illustrate that the northeastern area of the dissolved phase plume has not been fully delineated yet. Detections of several fuel-related constituents occurred in the January 2009 samples from these wells; the wells had not been installed yet in October 2008. The concentrations of ethylene dibromide (EDB) exceeded the EPA MCL in both wells and the concentration of benzene exceeded the EPA MCL in KAFB-10617. The lateral distance between the well pairs KAFB-10618, which contains a sheen of PSH, and KAFB-10617 and KAFB-10610, which contains nearly 1 ft of PSH, and KAFB-10619 is roughly equivalent to the lateral distance between KAFB-10614 and KAFB-10611. Within the distance between KAFB-10614 and KAFB-10611 not only does the PSH body dissipate but there are detections of a limited number of dissolved phase constituents and all below regulatory limits. The presence of a larger list of positively detected compounds and some at concentrations above the EPA MCL at wells KAFB-10619 and KAFB-10617 suggests these wells are fairly close to the edge of the PSH plume.

- At well KAFB-10618 measurements indicate that PSH is present although the thickness is a sheen of fuel less than 0.01 feet thick. Typically analytical samples are not collected from PSH-containing groundwater monitoring wells. However, since KAFB-10618 was newly installed and the apparent presence of PSH in that well was in question since a thickness greater than 0.01 ft could not be measured a sample was collected in early February 2009. The KAFB-10618 groundwater sample contained numerous fuel-related compounds including several that exceeded the EPA MCLs (benzene, EDB, total xylenes), which is not unexpected considering PSH is present in the well. As discussed previously, since the PSH at this location is only a thin sheen it is not expected to extend much further to the north. Likewise, as discussed for several of the other well pairs, there is a two to three order of magnitude drop in dissolved phase constituent concentrations between well KAFB-10618 and bounding east and west wells KAFB-10617 and KAFB-10620. These decreases in dissolved phase concentrations illustrate how rapidly the fuel-related compounds are attenuated by physical and biological processes in the aquifer moving away from the PSH body edge.

Drinking Water Production Wells

- The October 2008 sample from the VA Medical Center well did not contain any detections of fuel-related compounds. The two compounds detected in the VA Medical Center well are common by-products of drinking water chlorination. Although the VA Medical Center well samples are collected from a sampling tap prior to chlorination in the drinking water system it is possible that some cross-connection with the potable water source is present and chlorination residuals influence the samples collected. A January 2009 sample was not collected from the VA Medical Center well because the well was out of service at that time.

- In the Kirtland AFB production wells KAFB-3, KAFB-15, and KAFB-16 the only potentially fuel-related compound detected was low, estimated concentrations of diesel range organic (DRO) petroleum hydrocarbons. There are no regulatory levels for DRO TPH. While DRO TPH can be fuel-related constituents various other hydrocarbon materials will provide detections within the carbon-chain hydrocarbon range defined as being the diesel range. Such compounds include mineral oil which Kirtland AFB utilizes as a lubricant for the submersible pumps in the base's production wells. The Kirtland AFB Utilities group has indicated that several feet of mineral oil are typically present on the water table surface in the base's production wells and the base's reservoir tanks. The use of mineral oil to lubricate water production well pumps is a common industry practice.

- Following the positive J-flagged detections of DRO in the production wells during the January 2009 sampling event a sample of the mineral oil lubricant was obtained from the Kirtland AFB Utilities group and analyzed for Total Petroleum Hydrocarbons. The analysis indicated that the chromatograph from the mineral oil would overlap with the range typically reported by environmental sampling laboratories as DRO TPH. The Kirtland AFB production well data indicated that all wells had similar magnitude, low level detections, although each of the wells is located relatively far from one another and in different locations relative to the overall PSH plume. This information, coupled with the mineral oil analysis, suggests that these low DRO concentrations detected in the production well samples may be due to the mineral oil lubricant.

- To further evaluate these detections in the production wells in the next reporting period, an additional sample of the mineral oil lubricant will be sent for analysis at the same time as the quarterly groundwater samples. The sets of sample chromatographs will then be able to be directly compared for similar signatures if DRO detections are present in the production wells. The laboratory used to analyze the quarterly groundwater samples changed between the October 2008 and January 2009 sampling events. Since laboratories sometimes report slightly different carbon-chain ranges as falling within given TPH ranges, such as DRO, it is possible that the reporting of these estimated DRO detections in the January 2009 samples reflect that change.

- One low estimated concentration of the compound anthracene was also detected in the January 2009 sample for well KAFB-16. While anthracene is a hydrocarbon compound it is typically derived from coal and other heavy end hydrocarbons and is used in items such as wood preservatives, dyes, and insecticides. Anthracene has not typically been detected elsewhere at the site in association with the Bulk Fuels Facility's fuel-related constituents and there is no applicable regulatory level for this compound.

- Concentrations of the routinely detected, dissolved metal manganese were present in some wells during the two quarters although concentrations EPA National Secondary Drinking Water Standards. The EPA National Secondary Drinking Water Standards are for aesthetic, taste, and odor purposes and are not promulgated as enforceable regulatory standards. The naturally occurring anions nitrate and sulfate was detected in multiple wells during both quarters. All detected concentrations were applicable primary or secondary regulatory limits.

3.3.2 Groundwater Conclusions

The measured groundwater elevations from the fourth quarter of 2007 and the first quarter of 2008 indicate that the groundwater flow direction beneath the Bulk Fuels Facility site is to the north-northeast. During this reporting period, the positively detected compounds in the site monitoring wells installed prior to 2008, and their relative concentrations, are generally consistent with previous quarters' sampling data. Data from new wells installed during 2008 have further supplemented and defined the general understanding of the nature and extent of the PSH and dissolved phase constituents in groundwater.

With the installation of these new wells the boundaries of both the PSH plume and the associated dissolved phase plume are largely delineated with plume bounding monitoring points installed to the east, south, and northwest. Many detected compound concentrations are relatively low-level, often laboratory J-flagged values that are below applicable groundwater standards. Detections of benzene and EDB during October 2008 in KAFB-1061 on the southwest portion of the plume exceeded the EPA MCLs but are well delineated by wells with concentrations below MCLs.

Wells KAFB-10617 and KAFB-10619 to the north east have concentrations of EDB in both wells, and benzene in KAFB-10617, that exceed applicable EPA MCLs. These concentrations are grossly delineated to the northeast by well KAFB-10615. Refining the delineation of these regulatory exceedances is merited extending out to the north and northeast from the PSH plume boundaries. As discussed previously, the naturally occurring physical and biological processes are expected to result in the dissolved phase exceedances in this direction being fairly self-limiting with distance moving away from the PSH plume itself.

THIS PAGE INTENTIONALLY LEFT BLANK.

Thicknesses of PSH are detected on the water table surface at a total of seven well locations: KAFB-1065, KAFB-1066, KAFB-1068, KAFB-1069, KAFB-10610, KAFB-10614, and KAFB-10618. During the reporting period the thickness of PSH in the wells ranged from a sheen of less than 0.01 ft to 1.92 ft. The additional wells installed in 2008 have nearly fully delineated the extent of the PSH plume. Further investigation of the less than 0.01 ft PSH sheen in KAFB-10618 to the north should complete delineation of the PSH body.

4. SUMMARY AND RECOMMENDATIONS

During the semi-annual period from October 2008 through March 2009, active SVE remediation was ongoing at the Bulk Fuels Facility site, proceeding in parallel with ongoing investigation and monitoring activities. The Former Fuel Offloading Rack SVE system continued to operate with high mass-removal rates and destruction efficiencies throughout the entire reporting period. The second SVE remediation system installed at the KAFB-1065 groundwater monitoring well location in August 2008 also continued operation through this reporting period with high mass removal rates and destruction efficiencies. The KAFB-1065 SVE system recovers fuel directly from the PSH surface on the water table in that well. In March 2009, two additional SVE systems began operating at existing groundwater monitoring wells KAFB-1066 and KAFB-1068. Each of these systems operates in the same manner as the KAFB-1065 system, recovering fuel mass directly from the PSH surface on the water table in those wells. These two SVE systems began operating at the very end of the reporting period, therefore additional data and operational system parameters will need to be collected over the next reporting period to better determine mass recovery rates and destruction efficiencies for these systems.

The operation of the Former Fuel Offloading Rack SVE system appears to be continuing to provide recovery and containment of the primary soil vapor plume in the shallow and mid-level vadose zone that is associated with discharges from the former rack. High soil vapor concentrations continued to persist in the vicinity of the former fuel offloading rack, which is expected since it is a primary fuel release area, but these reporting period data, along with historic data, show an overall trend towards slightly, yet consistently, decreasing concentrations throughout the depth profile in that area. The generally decreasing concentrations suggest that definable remediation of not only the developed soil vapor plume but also the volatile fraction of the sorbed total petroleum hydrocarbon (TPH) mass in the soil is occurring in the rack area. Continued quarterly data collection and evaluation will provide further information on all of these trends. Additional data collection is needed to assess the dynamic interaction of the four SVE systems and the overall impact on the subsurface vapor plume. At the end of this reporting period, the operation, monitoring, and data evaluation for all SVE systems concluded that this remedial approach is recovering significant contaminant mass from the subsurface. However, there is indication that the four SVE systems are having some overlapping influence on each others' operation. Continuing monitoring and evaluation in the next reporting period will optimize the operational configurations to maximize overall mass removal rates.

The addition of more groundwater monitoring wells during this reporting period provided additional data points for assessing soil vapor concentrations at the water table interface. The presence of PSH on the water table correlates with elevated soil vapor concentrations that have been historically observed on the east side of the Bulk Fuels Facility. The initial vapor data from the additional groundwater monitoring wells installed during 2008 suggests that the extent of elevated vapor concentrations at the water table interface may be delineated. Additional quarterly vapor data evaluation is needed to better assess trends from these new data points.

The well installation activities that commenced during the third quarter under the *Stage 2 Abatement Plan Modification* were largely completed during the fourth quarter 2008 and have further investigated and delineated the presence of PSH and dissolved phase impacts on the groundwater. During the reporting period, six new groundwater monitoring wells were completed, one of which contained PSH. With these additional wells, a total of 10 new groundwater monitoring wells were installed at the site in 2008. Additional investigation and delineation of the PSH and dissolved phase impacts on the groundwater table is being conducted under the New Mexico Environment Department (NMED)-approved *Stage 2 Abatement Plan Modification* and *Stage 2 Abatement Plan Modification Addendums*.

During the reporting period thicknesses of PSH were detected on the water table surface at a total of seven well locations: KAFB-1065, KAFB-1066, KAFB-1068, KAFB-1069, KAFB-10610, KAFB-10614, and KAFB-10618. The thickness of PSH in the wells ranged from a sheen of less than 0.01 ft to 1.92 ft. The additional wells installed in 2008 have nearly fully delineated the extent of the PSH plume. Further investigation of the less than 0.01 ft PSH sheen in KAFB-10618 to the north should complete delineation of the PSH body.

During this reporting period, the positively detected dissolved phase compounds in the site monitoring wells installed prior to 2008, and their relative concentrations, were generally consistent with previous quarters' sampling data. Data from new wells installed during 2008 have further supplemented and defined the general understanding of the nature and extent of the dissolved phase constituent plume in groundwater. With the installation of these new wells the boundaries of both the PSH plume and the associated dissolved phase plume are largely delineated with plume bounding monitoring points installed to the east, south, and northwest. Wells KAFB-10617 and KAFB-10619 to the northeast have concentrations of some compounds that exceed applicable EPA MCLs but these concentrations are grossly delineated to the northeast by well KAFB-10615. Refining the delineation of these regulatory exceedances is merited extending out to the north and northeast from the PSH plume boundaries. The naturally occurring physical and biological processes are expected to result in the dissolved phase exceedances in this direction being fairly self-limiting with distance moving away from the PSH plume itself.

The interpreted groundwater flow directions beneath the Bulk Fuels Facility site in October 2008 and January 2009 indicate the general groundwater flow direction is to the north-northeast across the site. As has historically been observed, the groundwater flow direction is slightly more northeastward across the main Bulk Fuels Facility site itself. With the addition of the new monitoring wells north of the Kirtland AFB boundary for the January 2009 event, the data appear to indicate that the groundwater flow direction rotates to a slightly more north-northeastward direction moving from south to north across the site.

Based on the successes and lessons-learned from ongoing operation of the Former Fuel Offloading Rack and KAFB-1065 SVE systems, and the ongoing investigation activities, the following recommendations are made:

- Refine and optimize the combined operational approach for the four SVE systems, the one at the Former Fuel Offloading Rack that is applied to the vadose zone and the three groundwater monitoring well locations where SVE is being applied directly to PSH on the water table. System operational modifications and optimization strategies should be evaluated in the next period to maximize overall mass recovery from the subsurface using all the SVE systems. Depending on conditions at the individual locations the optimization may include connecting additional extraction points to the SVE systems, modifying operational settings on some systems, or pilot tests with SVE systems moved to alternate locations.

- Ongoing monitoring of the vadose zone should continue in order to assess the nature and extent of the subsurface vapor plume and its recovery over time. With the operation of four SVE systems, the subsurface vapor regime is expected to change and additional data should continue to be collected and evaluated to assess how the changed dynamics impact the overall vapor plume.

- Regular soil vapor analytical sampling that had been conducted in conjunction with solid waste management unit (SWMU) ST-109 activities is no longer being performed for that site. However, continued analytical sample collection from a subset of SVMWs and SVEWs on an annual basis is recommended to allow ongoing correlation of Horiba field measurements with laboratory data and to

allow evaluation of how or if relative concentrations of speciated fuel-related volatile organic compounds (VOCs) and their breakdown products are changing over time. It is recommended that an initial annual analytical vapor sampling event for the Bulk Fuels Facility be performed during the next reporting period.

- Further investigation of the less than 0.01 ft PSH sheen in well KAFB-10618 that is the furthest north of the Bulk Fuels Facility should be conducted to complete delineation of the PSH body. Additionally, further groundwater monitoring well installation should be conducted to refine the delineation of the dissolved phase regulatory exceedances in the northeast area of the plume. Any activities will be conducted under further modifications to the Stage 2 Abatement Plan which will be submitted to the New Mexico Environment Department – Groundwater Quality Bureau (NMED-GWQB) for approval prior to initiating work.

- Groundwater sampling for all site groundwater monitoring wells, the Veterans Affairs (VA) Hospital well, and Kirtland AFB production wells KAFB-3, KAFB-15, and KAFB-16 should remain as quarterly. As discussed, further evaluation of the detected DRO concentrations in some of the Kirtland AFB production wells will be conducted.

The operation of the SVE systems at the site follows a performance-based approach. Therefore, continuing data collection and evaluation, and system performance will lead to additional recommendations to direct operational modifications and optimization approaches with time. As future activities related to further investigation and remediation of the PSH plume at the site proceed, the operations of the SVE systems at the site will be tailored to complement those activities. Unless otherwise modified under subsequent modifications to the *Stage 2 Abatement Plan*, the operations, maintenance, and monitoring tasks for the SVE systems should continue to be implemented following the schedule presented in Section 6 and Table 6-1 of the *Stage 2 Abatement Plan, Summary and Performance Report* (USAF, 2006a).

THIS PAGE INTENTIONALLY LEFT BLANK

REFERENCES

e2M, 2005. Jennifer Dann. Personal communication.

USAF, 2007. *Stage 2 Abatement Plan, Quarterly Summary and Performance Report, October 2006 through March 2075 (ST-106).* U.S. Air Force, Kirtland Air Force Base. June 2007.

USAF, 2006a. *Stage 2 Abatement Plan, Summary and Performance Report, (ST-106).* U.S. Air Force, Kirtland Air Force Base. January 2006.

USAF, 2006b. *Stage 2 Abatement Plan, Quarterly Summary and Performance Report, October through December 2005 (ST-106).* U.S. Air Force, Kirtland Air Force Base. March 2006.

USAF, 2006c. *Stage 2 Abatement Plan Quarterly Summary and Performance Report, January through March 2006 (ST-106).* U.S. Air Force, Kirtland Air Force Base. May 2006.

USAF, 2006d. *Stage 2 Abatement Plan, Quarterly Summary and Performance Report, April through June 2006.(ST-106).* U.S. Air Force, Kirtland Air Force Base. August 2006.

USAF, 2006e. *Stage 2 Abatement Plan, Quarterly Summary and Performance Report, July through September 2006 and Annual Summary and Performance Report, October 2005 through September 2006 Soil Vapor Extraction And Treatment System, Bulk Fuels Facility (ST-106), Kirtland Air Force Base.* U.S. Air Force, Kirtland Air Force Base. January 2006.

USAF, 2005. *Operations and Maintenance Manual for the Soil Vapor Extraction and Treatment System, Bulk Fuels Facility (ST-106).* U.S. Air Force, Kirtland Air Force Base.

USAF, 2003. *Report on the Soil Vapor Extraction Pilot-Scale Test at the Bulk Fuels Facility*. U.S. Air Force, Kirtland Air Force Base.

USAF, 2002a. *Stage 2 Abatement Plan Report for Bulk Fuels Facility (ST-106).* U.S. Air Force, Kirtland Air Force Base. May 2002.

USAF, 2002b. *Stage 2 Abatement Work Plan for the Soil Vapor Extraction Pilot-Scale Test at the Bulk Fuels Facility.* U.S. Air Force, Kirtland Air Force Base.

THIS PAGE INTENTIONALLY LEFT BLANK

APPENDIX A

Reference Data (Continued, Page 1 of 2)

Reference	Date Range	Description
Table A-1	23 Jul 2004 to Mar 2008	Soil Vapor Monitoring Summary
Table A-2	18 Aug 2004 to Mar 2008	Cumulative Petroleum Hydrocarbon Recovery Calculations
Table A-3	Feb 2003 to Mar 2008	Comprehensive Soil Vapor Analytical Summary
Table A-4	Jan 2006 to Mar 2008	Groundwater Analytical Results Summary
Figure 3-1	Apr 2006	Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs
Figure 3-2	Apr 2006	Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs
Figure 3-3	Apr 2006	Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs
Figure 3-4	Apr 2006	Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs
Figure 3-5	Apr 2006	Hydrocarbon Plume Beneath Former Offloading Rack
Figure 3-3	20 Sep 2006	Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs
Figure 3-6	20 Sep 2006	Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs
Figure 3-9	20 Sep 2006	Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs
Figure 3-12	20 Sep 2006	Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs
Figure 3-15	20 Sep 2006	Hydrocarbon Plume Beneath Former Offloading Rack
Figure 3-2	24 Oct 2006	Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs
Figure 3-4	24 Oct 2006	Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs
Figure 3-6	24 Oct 2006	Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs
Figure 3-8	24 Oct 2006	Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs
Figure 3-10	24 Oct 2006	Hydrocarbon Plume Beneath Former Offloading Rack
Figure 3-3	28 Feb 2007	Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs
Figure 3-5	28 Feb 2007	Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs
Figure 3-7	28 Feb 2007	Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs
Figure 3-9	28 Feb 2007	Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs
Figure 3-11	27 Feb 2007	Hydrocarbon Plume Beneath Former Offloading Rack

APPENDIX A

Reference Data (Concluded, Page 2 of 2)

Figure 3-2	22 Aug 2007	Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs
Figure 3-3	22 Aug 2007	Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs
Figure 3-4	22 Aug 2007	Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs
Figure 3-5	22 Aug 2007	Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs
Figure 3-6	22 Aug 2007	Hydrocarbon Plume Beneath Former Offloading Rack
Figure 3-2	28 Nov 2007	Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs
Figure 3-3	28 Nov 2007	Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs
Figure 3-4	28 Nov 2007	Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs
Figure 3-5	28 Nov 2007	Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs
Figure 3-6	28 Nov 2007	Hydrocarbon Plume Beneath Former Offloading Rack
Figure 3-7	7 March 2008	Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs
Figure 3-8	7 March 2008	Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs
Figure 3-9	7 March 2008	Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs
Figure 3-10	7 March 2008	Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs
Figure 3-11	6 March 2008	Hydrocarbon Plume Beneath Former Offloading Rack

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 1 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
Vapor Monitoring Wells							
SVMW-01	50 - 52.5	07/23/04	0.42	0.01	10.14	7.46	262
SVMW-01	50 - 52.5	02/03/05	0.35	0.01	10.34	7.94	163
SVMW-01	50 - 52.5	03/31/05	-0.12	0.01	10.70	7.38	193
SVMW-01	50 - 52.5	08/11/05	0.28	0.01	9.34	7.47	250
SVMW-01	50 - 52.5	11/21/05	0.08	0.01	9.46	8.30	12
SVMW-01	50 - 52.5	02/24/06	0.08	0.01	6.88	12.08	66
SVMW-01	50 - 52.5	04/11/06	0.42	0.01	10.90	7.98	158
SVMW-01	50 - 52.5	08/09/06	-0.18	0.01	11.22	7.32	27
SVMW-01	50 - 52.5	08/22/06	-0.23	0.01	11.18	7.52	34
SVMW-01	50 - 52.5	09/21/06	0.06	0.01	11.40	7.30	4
SVMW-01	50 - 52.5	10/24/06	atm	0.01	11.38	7.14	26
SVMW-01	50 - 52.5	02/28/07	0.22	0.01	11.70	6.78	68
SVMW-01	50 - 52.5	08/24/07	0.15	0.01	11.14	7.14	5
SVMW-01	100 - 102.5	07/23/04	0.49	0.03	10.56	5.00	10,386
SVMW-01	100 - 102.5	02/03/05	0.38	0.03	11.42	5.06	10,881
SVMW-01	100 - 102.5	03/31/05	-0.19	0.04	11.84	4.90	13,824
SVMW-01	100 - 102.5	08/11/05	0.30	0.03	10.44	4.66	9,940
SVMW-01	100 - 102.5	11/21/05	atm	0.03	11.10	5.28	8,460
SVMW-01	100 - 102.5	02/24/06	0.08	0.01	8.58	8.20	6,820
SVMW-01	100 - 102.5	04/11/06	0.57	0.04	11.96	6.14	12,600
SVMW-01	100 - 102.5	08/09/06	-0.21	0.05	13.02	4.40	11,952
SVMW-01	100 - 102.5	08/22/06	-0.30	0.06	13.28	4.46	11,349
SVMW-01	100 - 102.5	09/21/06	0.06	0.05	13.36	4.42	11,250
SVMW-01	100 - 102.5	10/24/06	-0.01	0.06	13.40	4.30	13,437
SVMW-01	100 - 102.5	02/28/07	0.24	0.06	13.70	4.22	12,078
SVMW-01	100 - 102.5	08/24/07	0.16	0.05	13.48	4.02	11,133
SVMW-01	250.7 - 253.2	07/23/04	-0.3	0.04	2.76	11.76	14,724
SVMW-01	250.7 - 253.2	02/03/05	-1.9	0.03	2.84	3.58	13,680
SVMW-01	250.7 - 253.2	03/31/05	-2.1	0.02	2.98	12.56	15,930
SVMW-01	250.7 - 253.2	08/11/05	0.34	0.04	2.90	12.08	12,645
SVMW-01	250.7 - 253.2	11/21/05	-1.6	0.00	0.48	21.14	345
SVMW-01	250.7 - 253.2	02/24/06	-1.9	0.01	2.62	15.14	6,230
SVMW-01	250.7 - 253.2	04/11/06	1.7	0.01	2.82	14.62	6,600
SVMW-01	250.7 - 253.2	08/09/06	-2.0	0.02	2.90	15.42	5,440
SVMW-01	250.7 - 253.2	08/22/06	-1.7	0.02	2.98	15.52	5,380
SVMW-01	250.7 - 253.2	09/21/06	0.39	0.01	3.00	15.66	4,900
SVMW-01	250.7 - 253.2	10/24/06	-0.41	0.02	2.96	15.48	4,650
SVMW-01	250.7 - 253.2	02/28/07	0.94	0.01	2.90	16.28	3,450
SVMW-01	250.7 - 253.2	08/24/07	0.32	0.01	2.64	16.76	1,976
SVMW-01	308.5 - 310	07/23/04	-0.29	0.03	0.76	15.54	16,785
SVMW-01	308.5 - 310	02/03/05	-2.2	0.02	0.88	15.98	12,870
SVMW-01	308.5 - 310	03/31/05	-2.0	0.01	0.92	15.86	12,600
SVMW-01	308.5 - 310	08/11/05	0.37	0.01	0.64	16.80	6,910
SVMW-01	308.5 - 310	11/21/05	-1.8	0.00	0.04	20.70	33
SVMW-01	308.5 - 310	02/24/06	-1.9	0.01	0.82	17.36	8,580
SVMW-01	308.5 - 310	04/11/06	1.7	0.02	1.02	16.16	11,520
SVMW-01	308.5 - 310	08/09/06	-2.1	0.02	1.10	17.04	9,430
SVMW-01	308.5 - 310	08/22/06	-1.8	0.03	1.14	17.22	9,530
SVMW-01	308.5 - 310	09/21/06	0.35	0.03	1.18	17.28	9,890
SVMW-01	308.5 - 310	10/24/06	-0.54	0.02	1.18	17.04	9,180
SVMW-01	308.5 - 310	02/28/07	1.2	0.02	1.18	17.48	8,750

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 2 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-01	308.5 - 310	08/24/07	0.36	0.02	1.16	8.22	6,410
SVMW-02	50 - 52.5	02/03/05	0.22	0.01	9.84	8.40	2,310
SVMW-02	50 - 52.5	04/01/05	atm	0.01	10.08	8.78	1,669
SVMW-02	50 - 52.5	08/11/05	0.25	0.01	9.58	8.48	2,310
SVMW-02	50 - 52.5	11/21/05	0.29	0.01	6.34	12.30	921
SVMW-02	50 - 52.5	02/23/06	-0.1	0.01	8.98	9.12	2,160
SVMW-02	50 - 52.5	04/11/06	0.30	0.01	8.26	11.26	1,833
SVMW-02	50 - 52.5	08/10/06	-0.13	0.01	10.70	8.50	1,904
SVMW-02	50 - 52.5	08/21/06	-0.22	0.01	10.44	8.42	1,923
SVMW-02	50 - 52.5	09/06/06	0.10	0.01	10.72	8.30	2,260
SVMW-02	50 - 52.5	10/24/06	0.02	0.01	10.88	8.20	2,320
SVMW-02	50 - 52.5	02/28/07	0.01	0.01	11.22	8.00	2,920
SVMW-02	50 - 52.5	08/24/07	atm	0.01	10.42	5.44	1,466
SVMW-02	97 - 99.5	02/03/05	bad port	0.06	11.42	5.20	22,410
SVMW-02	97 - 99.5	04/01/05	atm	0.05	11.62	5.82	19,980
SVMW-02	97 - 99.5	08/11/05	-0.17	0.06	11.42	5.54	20,520
SVMW-02	97 - 99.5	11/21/05	0.44	0.04	10.94	5.88	17,955
SVMW-02	97 - 99.5	02/23/06	-0.17	0.04	10.24	6.74	24,390
SVMW-02	97 - 99.5	04/11/06	0.40	0.05	7.22	12.82	23,400
SVMW-02	97 - 99.5	08/10/06	-0.2	0.12	13.10	5.32	22,680
SVMW-02	97 - 99.5	08/21/06	-0.35	0.13	13.04	5.30	23,200
SVMW-02	97 - 99.5	09/20/06	0.16	0.11	13.02	5.36	19,980
SVMW-02	97 - 99.5	10/24/06	0.04	0.13	13.20	5.38	24,570
SVMW-02	97 - 99.5	02/28/07	0.04	0.12	12.98	5.74	20,700
SVMW-02	97 - 99.5	08/24/07	-0.01	0.12	12.90	13.66	19,530
SVMW-02	150 - 152.5	02/03/05	-1.4	0.03	3.82	13.30	10,980
SVMW-02	150 - 152.5	04/01/05	-5.6	0.03	3.32	14.18	11,952
SVMW-02	150 - 152.5	08/11/05	-0.11	0.03	1.56	11.92	12,645
SVMW-02	150 - 152.5	11/21/05	-1.2	0.02	3.32	12.76	9,710
SVMW-02	150 - 152.5	02/23/06	-2.0	0.00	0.26	21.46	403
SVMW-02	150 - 152.5	04/11/06	0.79	0.02	1.14	16.54	6,570
SVMW-02	150 - 152.5	08/10/06	-2.0	0.03	1.64	13.70	10,260
SVMW-02	150 - 152.5	08/21/06	-1.5	0.02	1.46	14.24	8,270
SVMW-02	150 - 152.5	09/20/06	0.45	0.04	1.76	13.18	9,828
SVMW-02	150 - 152.5	10/24/06	-0.42	0.03	1.72	13.40	8,325
SVMW-02	150 - 152.5	02/28/07	3.8	0.03	1.78	13.44	9,280
SVMW-02	150 - 152.5	08/24/07	0.40	0.03	1.74	6.58	9,200
SVMW-03	50 - 52.5	07/26/04	0.55	0.01	11.74	6.46	5
SVMW-03	50 - 52.5	02/03/05	0.13	0.01	11.82	6.86	40
SVMW-03	50 - 52.5	04/01/05	-0.1	0.01	11.58	7.60	233
SVMW-03	50 - 52.5	08/11/05	0.38	0.01	10.88	6.40	124
SVMW-03	50 - 52.5	11/21/05	atm	0.00	10.30	7.82	19
SVMW-03	50 - 52.5	02/24/06	0.04	0.00	10.14	7.72	31
SVMW-03	50 - 52.5	04/11/06	0.41	0.01	10.62	8.58	216
SVMW-03	50 - 52.5	08/09/06	-0.20	0.01	11.92	7.12	14
SVMW-03	50 - 52.5	08/21/06	-0.27	0.00	3.68	15.88	31
SVMW-03	50 - 52.5	09/20/06	0.09	0.01	11.78	7.12	8
SVMW-03	50 - 52.5	10/24/06	-0.02	0.00	11.92	7.06	6
SVMW-03	50 - 52.5	02/28/07	0.16	0.01	12.46	6.12	36
SVMW-03	50 - 52.5	08/24/07	0.10	0.01	11.52	6.25	14
SVMW-03	100 - 102.5	07/26/04	0.78	0.02	12.00	0.54	33,120
SVMW-03	100 - 102.5	02/03/05	0.15	0.03	12.96	0.50	48,510

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 3 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-03	100 - 102.5	04/01/05	atm	0.04	12.62	1.58	36,000
SVMW-03	100 - 102.5	08/11/05	0.51	0.04	12.52	0.30	35,550
SVMW-03	100 - 102.5	11/21/05	atm	0.02	12.40	1.20	29,250
SVMW-03	100 - 102.5	02/24/06	0.04	0.03	12.00	1.94	30,420
SVMW-03	100 - 102.5	04/11/06	0.61	0.14	14.68	1.64	42,750
SVMW-03	100 - 102.5	08/09/06	-0.22	0.17	15.58	0.12	37,980
SVMW-03	100 - 102.5	08/21/06	-0.34	0.18	15.20	0.64	37,260
SVMW-03	100 - 102.5	09/20/06	0.03	0.15	15.92	0.14	28,170
SVMW-03	100 - 102.5	10/24/06	-0.02	0.16	16.16	0.00	36,900
SVMW-03	100 - 102.5	02/28/07	0.06	0.15	16.08	0.24	35,820
SVMW-03	100 - 102.5	08/24/07	0.14	0.16	15.34	0.24	34,470
SVMW-03	250 - 252.5	07/26/04	-0.7	0.02	5.38	3.78	24,840
SVMW-03	250 - 252.5	02/03/05	-1.9	0.03	7.10	2.52	54,540
SVMW-03	250 - 252.5	04/01/05	-5.6	0.04	6.56	4.78	29,880
SVMW-03	250 - 252.5	08/11/05	0.62	0.05	6.38	21.80	28,890
SVMW-03	250 - 252.5	11/21/05	-2.0	0.03	5.42	5.06	15,930
SVMW-03	250 - 252.5	02/24/06	-2.0	0.03	4.34	7.90	11,529
SVMW-03	250 - 252.5	04/11/06	1.3	0.09	5.48	7.04	23,220
SVMW-03	250 - 252.5	08/09/06	-2.2	0.13	7.40	4.22	25,020
SVMW-03	250 - 252.5	08/21/06	-1.7	0.12	7.14	4.74	23,310
SVMW-03	250 - 252.5	09/20/06	0.16	0.11	7.04	5.00	21,870
SVMW-03	250 - 252.5	10/24/06	-0.50	0.11	7.08	5.26	21,690
SVMW-03	250 - 252.5	02/28/07	0.6	0.06	5.86	7.50	13,599
SVMW-03	250 - 252.5	08/24/07	0.04	0.08	6.18	6.68	16,920
SVMW-03	300 - 302.5	07/26/04	-0.62	0.03	0.76	15.24	19,674
SVMW-03	300 - 302.5	02/03/05	-1.4	0.03	0.46	13.44	28,710
SVMW-03	300 - 302.5	04/01/05	-6.2	0.00	0.14	22.54	341
SVMW-03	300 - 302.5	08/11/05	0.58	0.05	6.40	13.70	22,410
SVMW-03	300 - 302.5	11/21/05	-2.1	0.00	0.12	19.16	1,053
SVMW-03	300 - 302.5	02/24/06	-2.0	0.00	0.24	20.04	650
SVMW-03	300 - 302.5	04/11/06	0.94	0.10	1.12	14.68	25,110
SVMW-03	300 - 302.5	08/09/06	-2.3	0.15	1.36	13.06	31,950
SVMW-03	300 - 302.5	08/21/06	-1.9	0.16	1.40	13.12	32,310
SVMW-03	300 - 302.5	09/20/06	0.23	0.17	1.42	12.74	32,400
SVMW-03	300 - 302.5	10/24/06	-0.69	0.16	1.48	12.50	36,000
SVMW-03	300 - 302.5	02/28/07	1.05	0.14	1.74	11.98	31,140
SVMW-03	300 - 302.5	08/24/07	0.09	0.16	1.76	11.08	33,930
SVMW-04	50 - 52.5	07/26/04	0.39	0.01	4.12	7.68	4,270
SVMW-04	50 - 52.5	02/03/05	0.38	0.01	6.12	5.62	4,130
SVMW-04	50 - 52.5	03/31/05	atm	0.01	6.80	3.06	4,490
SVMW-04	50 - 52.5	08/11/05	0.11	0.01	7.01	3.68	3,960
SVMW-04	50 - 52.5	11/22/05	0.08	0.01	7.90	4.14	3,740
SVMW-04	50 - 52.5	02/24/06	0.06	0.01	8.18	4.22	3,540
SVMW-04	50 - 52.5	04/11/06	0.42	0.02	10.00	2.62	4,730
SVMW-04	50 - 52.5	08/09/06	-0.16	0.01	10.18	3.30	3,600
SVMW-04	50 - 52.5	08/21/06	-0.27	0.01	10.10	3.40	3,550
SVMW-04	50 - 52.5	09/21/06	0.07	0.01	10.54	3.32	3,940
SVMW-04	50 - 52.5	10/24/06	0.01	0.02	10.86	3.04	4,130
SVMW-04	50 - 52.5	02/28/07	0.04	0.01	11.46	3.04	4,500
SVMW-04	50 - 52.5	08/24/07	0.09	0.01	11.24	2.92	2,950
SVMW-04	98 - 100.5	07/26/04	0.18	0.06	5.96	5.90	20,340
SVMW-04	98 - 100.5	02/03/05	0.03	0.05	7.60	4.28	21,960

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 4 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-04	98 - 100.5	03/31/05	-3.4	0.06	7.54	4.66	25,650
SVMW-04	98 - 100.5	08/11/05	0.14	0.06	7.84	3.10	21,510
SVMW-04	98 - 100.5	11/22/05	0.05	0.06	8.70	3.14	21,500
SVMW-04	98 - 100.5	02/24/06	0.06	0.05	8.40	4.06	22,680
SVMW-04	98 - 100.5	04/11/06	0.53	0.14	10.74	2.16	26,370
SVMW-04	98 - 100.5	08/09/06	-0.21	0.15	11.46	1.86	23,850
SVMW-04	98 - 100.5	08/21/06	-0.31	0.15	11.44	1.96	24,390
SVMW-04	98 - 100.5	09/21/06	0.04	0.15	11.68	1.88	23,310
SVMW-04	98 - 100.5	10/24/06	0.02	0.12	11.92	2.04	27,000
SVMW-04	98 - 100.5	02/28/07	0.03	0.16	12.16	1.98	23,130
SVMW-04	98 - 100.5	08/24/07	0.11	0.13	12.30	2.06	20,880
SVMW-04	250 - 252.5	07/26/04	-0.55	0.05	3.02	9.80	28,440
SVMW-04	250 - 252.5	02/03/05	-2.0	0.05	3.24	10.30	32,400
SVMW-04	250 - 252.5	03/31/05	-2.2	0.05	3.42	9.14	30,870
SVMW-04	250 - 252.5	08/11/05	-0.07	0.08	3.80	8.80	26,280
SVMW-04	250 - 252.5	11/22/05	-1.7	0.05	3.16	10.96	24,850
SVMW-04	250 - 252.5	02/24/06	-2.0	0.04	2.82	13.18	17,595
SVMW-04	250 - 252.5	04/11/06	1.4	0.11	3.78	12.48	19,530
SVMW-04	250 - 252.5	08/09/06	-2.0	0.11	3.78	12.50	20,790
SVMW-04	250 - 252.5	08/21/06	-1.7	0.13	3.86	11.96	21,690
SVMW-04	250 - 252.5	09/21/06	0.31	0.11	3.86	12.90	18,720
SVMW-04	250 - 252.5	10/24/06	-0.44	0.11	3.94	12.90	20,070
SVMW-04	250 - 252.5	02/28/07	0.58	0.10	3.86	13.58	15,120
SVMW-04	250 - 252.5	08/24/07	0.13	0.08	3.46	14.10	14,283
SVMW-04	297.5 - 300	07/26/04	-0.48	0.02	0.52	16.70	12,735
SVMW-04	297.5 - 300	02/03/05	-2.4	0.02	0.78	16.46	11,700
SVMW-04	297.5 - 300	03/31/05	-2.4	0.01	0.38	16.96	8,330
SVMW-04	297.5 - 300	08/11/05	0.14	0.01	0.40	16.34	7,820
SVMW-04	297.5 - 300	11/22/05	-1.8	0.02	0.48	16.76	6,720
SVMW-04	297.5 - 300	02/24/06	-1.9	0.01	0.34	17.12	7,200
SVMW-04	297.5 - 300	04/11/06	1.6	0.03	0.58	17.22	10,008
SVMW-04	297.5 - 300	08/09/06	-2.2	0.02	0.54	17.26	7,180
SVMW-04	297.5 - 300	08/21/06	-1.9	0.01	0.52	17.28	7,180
SVMW-04	297.5 - 300	09/21/06	0.30	0.02	0.58	17.60	6,910
SVMW-04	297.5 - 300	10/24/06	-0.59	0.01	0.54	17.90	6,870
SVMW-04	297.5 - 300	02/28/07	1.12	0.01	0.52	17.38	5,880
SVMW-04	297.5 - 300	08/24/07	0.26	0.01	0.52	17.24	4,670
SVMW-05	50 - 52.5	07/26/04	0.32	0.01	6.54	13.14	97
SVMW-05	50 - 52.5	02/03/05	0.27	0.01	6.70	13.34	28
SVMW-05	50 - 52.5	03/31/05	atm	0.00	6.92	13.22	9
SVMW-05	50 - 52.5	08/11/05	0.30	0.01	5.46	13.60	215
SVMW-05	50 - 52.5	11/21/05	atm	0.01	6.32	13.96	14
SVMW-05	50 - 52.5	02/24/06	0.08	0.01	4.16	15.44	71
SVMW-05	50 - 52.5	04/11/06	0.34	0.01	7.18	13.00	103
SVMW-05	50 - 52.5	08/09/06	-0.18	0.01	7.18	12.94	30
SVMW-05	50 - 52.5	08/22/06	-0.20	0.01	7.26	13.12	16
SVMW-05	50 - 52.5	09/21/06	0.06	0.00	7.34	13.02	2
SVMW-05	50 - 52.5	10/24/06	atm	0.01	7.30	13.00	48
SVMW-05	50 - 52.5	02/28/07	0.17	0.01	7.44	13.06	75
SVMW-05	50 - 52.5	08/27/07	0.13	0.01	6.72	13.20	5
SVMW-05	100 - 102.5	07/26/04	0.44	0.01	8.54	9.60	1,184
SVMW-05	100 - 102.5	02/03/05	0.36	0.01	8.84	10.24	1,004

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 5 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-05	100 - 102.5	03/31/05	-0.22	0.01	6.26	10.12	989
SVMW-05	100 - 102.5	08/11/05	0.40	0.01	8.18	9.60	713
SVMW-05	100 - 102.5	11/21/05	atm	0.01	8.50	10.38	640
SVMW-05	100 - 102.5	02/24/06	0.08	0.01	8.30	10.48	653
SVMW-05	100 - 102.5	04/11/06	0.52	0.01	9.40	10.40	730
SVMW-05	100 - 102.5	08/09/06	-0.23	0.01	9.86	9.36	692
SVMW-05	100 - 102.5	08/22/06	-0.28	0.01	9.64	10.00	852
SVMW-05	100 - 102.5	09/21/06	0.07	0.01	10.12	9.22	325
SVMW-05	100 - 102.5	10/24/06	atm	0.01	10.14	9.14	494
SVMW-05	100 - 102.5	02/28/07	0.24	0.01	10.32	9.20	188
SVMW-05	100 - 102.5	08/27/07	0.19	0.01	9.56	9.76	711
SVMW-05	229.5 - 231	07/26/04	-0.2	0.01	2.60	13.42	4,730
SVMW-05	229.5 - 231	02/03/05	-2.0	0.01	2.92	15.04	3,270
SVMW-05	229.5 - 231	03/31/05	-2.0	0.01	3.06	14.30	5,340
SVMW-05	229.5 - 231	08/11/05	0.48	0.01	2.90	13.92	2,930
SVMW-05	229.5 - 231	11/21/05	-1.7	0.00	2.62	17.90	351
SVMW-05	229.5 - 231	02/24/06	-1.8	0.01	2.38	16.38	768
SVMW-05	229.5 - 231	04/11/06	1.6	0.01	2.70	16.48	1,243
SVMW-05	229.5 - 231	08/09/06	-2.0	0.01	2.58	16.44	498
SVMW-05	229.5 - 231	08/22/06	-1.8	0.01	2.68	16.84	501
SVMW-05	229.5 - 231	09/21/06	0.39	0.01	2.64	17.00	435
SVMW-05	229.5 - 231	10/24/06	-0.42	0.01	2.64	16.82	544
SVMW-05	229.5 - 231	02/28/07	0.93	0.00	2.44	16.44	480
SVMW-05	229.5 - 231	08/27/07	0.35	0.01	2.18	17.88	124
SVMW-05	287.5 - 290	07/26/04	-0.15	0.02	1.32	14.92	12,807
SVMW-05	287.5 - 290	02/03/05	-2.3	0.01	1.90	16.28	6,750
SVMW-05	287.5 - 290	03/31/05	-2.1	0.01	1.90	16.48	6,720
SVMW-05	287.5 - 290	08/11/05	0.50	0.01	1.40	14.88	7,190
SVMW-05	287.5 - 290	11/21/05	-1.9	0.00	0.10	21.56	12
SVMW-05	287.5 - 290	02/24/06	-1.9	0.01	11.44	16.84	4,970
SVMW-05	287.5 - 290	04/11/06	1.7	0.01	1.54	16.06	6,750
SVMW-05	287.5 - 290	08/09/06	-2.1	0.02	1.56	16.44	5,400
SVMW-05	287.5 - 290	08/22/06	-1.8	0.02	1.52	17.24	4,640
SVMW-05	287.5 - 290	09/21/06	0.36	0.01	1.64	17.08	5,610
SVMW-05	287.5 - 290	10/24/06	-0.53	0.01	1.64	16.96	5,000
SVMW-05	287.5 - 290	02/28/07	1.05	0.01	1.64	16.52	4,470
SVMW-05	287.5 - 290	08/27/07	0.39	0.01	1.42	17.10	3,270
SVMW-06	50 - 52.5	07/26/04	0.26	0.01	3.86	11.94	266
SVMW-06	50 - 52.5	02/03/05	0.15	0.01	4.08	13.96	46
SVMW-06	50 - 52.5	03/31/05	-0.1	0.01	4.20	12.72	43
SVMW-06	50 - 52.5	08/11/05	0.41	0.01	3.72	12.42	599
SVMW-06	50 - 52.5	11/21/05	0.07	0.01	3.80	13.58	4
SVMW-06	50 - 52.5	02/24/06	0	0.01	3.80	14.04	366
SVMW-06	50 - 52.5	04/11/06	0.34	0.01	4.06	13.62	236
SVMW-06	50 - 52.5	08/09/06	-0.19	0.01	4.36	13.34	44
SVMW-06	50 - 52.5	08/21/06	-0.26	0.01	4.34	13.60	35
SVMW-06	50 - 52.5	09/20/06	0.06	0.01	4.46	13.40	12
SVMW-06	50 - 52.5	12/11/06	-0.04	0.01	4.62	13.98	10
SVMW-06	50 - 52.5	02/27/07	0.02	0.01	4.62	13.80	36
SVMW-06	50 - 52.5	08/27/07	0.11	0.01	0.34	21.50	3
SVMW-06	99.5 - 102	07/26/04	atm	0.02	8.22	4.48	1,059
SVMW-06	99.5 - 102	02/03/05	0.20	0.01	7.82	7.38	492

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 6 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-06	99.5 - 102	03/31/05	-0.2	0.01	8.44	6.02	1,173
SVMW-06	99.5 - 102	08/11/05	0.09	0.01	7.92	5.28	715
SVMW-06	99.5 - 102	11/21/05	atm	0.01	7.46	7.58	315
SVMW-06	99.5 - 102	02/24/06	-0.05	0.01	7.62	8.38	345
SVMW-06	99.5 - 102	04/11/06	0.46	0.01	8.40	7.98	403
SVMW-06	99.5 - 102	08/09/06	-0.27	0.01	9.10	6.70	281
SVMW-06	99.5 - 102	08/21/06	-0.37	0.01	8.68	7.22	215
SVMW-06	99.5 - 102	09/20/06	0.05	0.01	9.48	6.56	332
SVMW-06	99.5 - 102	12/11/06	0.02	0.01	8.68	8.48	674
SVMW-06	99.5 - 102	02/27/07	0.02	0.01	9.36	7.38	237
SVMW-06	99.5 - 102	08/27/07	0.11	0.01	0.38	21.60	6
SVMW-06	252 - 254.5	07/26/04	-0.42	0.03	1.22	9.76	16,695
SVMW-06	252 - 254.5	02/03/05	-1.8	0.03	1.40	11.04	20,970
SVMW-06	252 - 254.5	03/31/05	-1.9	0.02	2.30	10.06	486
SVMW-06	252 - 254.5	08/11/05	0.93	0.04	1.38	8.02	23,490
SVMW-06	252 - 254.5	11/21/05	-1.6	0.03	1.06	12.50	15,624
SVMW-06	252 - 254.5	02/24/06	-1.9	0.03	2.32	10.08	27,090
SVMW-06	252 - 254.5	04/11/06	0.88	0.10	2.42	11.50	28,710
SVMW-06	252 - 254.5	08/09/06	-2.1	0.10	1.98	9.10	23,670
SVMW-06	252 - 254.5	08/21/06	-1.7	0.01	1.74	9.88	22,050
SVMW-06	252 - 254.5	09/20/06	0.37	0.11	2.06	8.92	24,390
SVMW-06	252 - 254.5	12/11/06	-0.62	0.11	2.52	9.22	23,940
SVMW-06	252 - 254.5	02/27/07	1.0	0.14	3.30	8.12	32,130
SVMW-06	252 - 254.5	08/27/07	0.19	0.01	0.14	21.94	27
SVMW-06	302.5 - 305	07/26/04	-0.58	0.02	0.92	12.80	25,470
SVMW-06	302.5 - 305	02/03/05	-2.4	0.01	1.00	13.04	33,930
SVMW-06	302.5 - 305	03/31/05	-1.9	0.01	0.38	17.88	3,790
SVMW-06	302.5 - 305	08/11/05	0.10	0.04	0.96	11.86	37,440
SVMW-06	302.5 - 305	11/21/05	-1.7	0.02	1.00	12.26	9,513
SVMW-06	302.5 - 305	02/24/06	-2.0	0.00	0.12	20.12	386
SVMW-06	302.5 - 305	04/11/06	0.98	0.12	1.72	12.12	42,840
SVMW-06	302.5 - 305	08/09/06	-2.3	0.14	1.98	11.76	33,120
SVMW-06	302.5 - 305	08/21/06	-1.9	0.15	2.06	11.80	31,140
SVMW-06	302.5 - 305	09/20/06	0.09	0.13	1.86	11.88	31,860
SVMW-06	302.5 - 305	12/11/06	-0.78	0.13	1.94	11.88	32,040
SVMW-06	302.5 - 305						
SVMW-06	302.5 - 305	02/27/07	1.0	0.13	1.84	11.50	30,330
SVMW-06	302.5 - 305	08/27/07	0.22	0.01	0.14	21.92	45
SVMW-07	49.5 - 52	02/03/05	-1.2	0.01	1.18	13.64	4,450
SVMW-07	49.5 - 52	03/29/05	3.3	0.01	0.76	12.60	5,358
SVMW-07	49.5 - 52	08/11/05	0.32	0.01	0.86	12.44	4,480
SVMW-07	49.5 - 52	11/21/05	-1.0	0.01	1.10	13.40	3,420
SVMW-07	49.5 - 52	02/23/06	-1.7	0.01	0.76	14.02	2,740
SVMW-07	49.5 - 52	04/11/06	-0.82	0.01	0.62	14.76	2,580
SVMW-07	49.5 - 52	08/10/06	-2.0	0.01	0.82	13.00	3,040
SVMW-07	49.5 - 52	08/21/06	-1.3	0.01	0.80	12.86	3,160
SVMW-07	49.5 - 52	09/20/06	1.8	0.02	8.80	9.16	5,550
SVMW-07	49.5 - 52	10/24/06	0.36	0.01	0.84	13.04	2,860
SVMW-07	49.5 - 52	03/02/07	0.07	0.01	0.86	13.48	2,470
SVMW-07	49.5 - 52	08/27/07	-0.90	0.01	0.96	13.62	1,664
SVMW-07	95.5 - 98	02/03/05	0.34	0.02	8.28	8.24	7,770
SVMW-07	95.5 - 98	03/29/05	0.4	0.02	8.38	8.58	7,440

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 7 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-07	95.5 - 98	08/11/05	-0.14	0.02	8.22	8.80	6,400
SVMW-07	95.5 - 98	11/21/05	0.46	0.01	7.86	9.22	5,680
SVMW-07	95.5 - 98	02/23/06	0.24	0.01	2.46	16.92	628
SVMW-07	95.5 - 98	04/11/06	-0.45	0.01	4.24	15.76	2,780
SVMW-07	95.5 - 98	08/10/06	-0.22	0.02	8.74	9.24	5,670
SVMW-07	95.5 - 98	08/21/06	0.26	0.02	8.64	9.20	5,730
SVMW-07	95.5 - 98	09/20/06	0.75	0.01	0.88	12.96	2,920
SVMW-07	95.5 - 98	10/24/06	0.4	0.02	8.90	9.42	5,600
SVMW-07	95.5 - 98	03/02/07	0.01	0.02	8.78	10.22	5,440
SVMW-07	95.5 - 98	08/27/07	0.04	0.03	8.52	9.92	4,470
SVMW-07	147.5 - 150	02/03/05	0.26	0.01	8.10	9.58	215
SVMW-07	147.5 - 150	03/29/05	0.30	0.01	8.42	9.64	210
SVMW-07	147.5 - 150	08/11/05	0.09	0.01	7.90	10.06	93
SVMW-07	147.5 - 150	11/21/05	0.32	0.01	7.38	10.70	53
SVMW-07	147.5 - 150	02/23/06	0.2	0.01	7.12	11.70	125
SVMW-07	147.5 - 150	04/11/06	-0.32	0.01	3.70	17.08	130
SVMW-07	147.5 - 150	08/10/06	-0.17	0.01	8.38	10.70	42
SVMW-07	147.5 - 150	08/21/06	0.25	0.01	8.16	10.66	52
SVMW-07	147.5 - 150	09/20/06	0.59	0.01	8.32	10.60	11
SVMW-07	147.5 - 150	10/24/06	0.32	0.01	8.36	10.80	16
SVMW-07	147.5 - 150	03/02/07	0.01	0.01	8.46	11.34	132
SVMW-07	147.5 - 150	08/27/07	0.05	0.02	7.88	11.18	75
SVMW-08	50 - 52.5	07/16/04	--	0.02	11.54	2.94	7,820
SVMW-08	50 - 52.5	07/23/04	-0.02	0.02	11.70	2.74	7,440
SVMW-08	50 - 52.5	08/19/04	-0.06	0.02	11.88	2.02	7,299
SVMW-08	50 - 52.5	09/21/04	--	0.02	3.32	13.18	7,480
SVMW-08	50 - 52.5	02/03/05	0.25	0.03	8.58	7.56	7,210
SVMW-08	50 - 52.5	03/31/05	-0.1	0.02	11.96	3.22	8,990
SVMW-08	50 - 52.5	08/11/05	-0.08	0.02	12.74	2.12	6,580
SVMW-08	50 - 52.5	11/22/05	0.12	0.01	12.06	3.60	5,390
SVMW-08	50 - 52.5	02/24/06	0.04	0.02	12.34	2.86	7,350
SVMW-08	50 - 52.5	04/11/06	0.43	0.01	4.04	14.68	1,286
SVMW-08	50 - 52.5	08/09/06	-0.16	0.01	3.76	14.86	986
SVMW-08	50 - 52.5	08/21/06	-0.24	0.01	3.40	15.88	771
SVMW-08	50 - 52.5	09/21/06	0.03	0.03	5.90	11.24	8,200
SVMW-08	50 - 52.5	10/24/06	0.04	0.02	9.46	7.90	6,470
SVMW-08	50 - 52.5	02/28/07	0.18	0.04	9.74	7.22	10,350
SVMW-08	50 - 52.5	08/23/07	0.60	0.02	6.52	11.62	4,160
SVMW-08	100 - 102.5	08/19/04	-0.02	0.04	8.54	5.26	13,284
SVMW-08	100 - 102.5	02/03/05	0.26	0.05	10.82	2.98	14,040
SVMW-08	100 - 102.5	03/31/05	-0.1	0.02	7.30	9.62	9,310
SVMW-08	100 - 102.5	08/11/05	-0.08	0.06	10.72	3.52	12,753
SVMW-08	100 - 102.5	11/22/05	atm	0.01	7.32	10.44	7,170
SVMW-08	100 - 102.5	02/24/06	0.04	0.03	7.02	10.06	8,690
SVMW-08	100 - 102.5	04/11/06	0.52	--	--	--	--
SVMW-08	100 - 102.5	08/09/06	-0.23	0.00	14.04	1.34	10,944
SVMW-08	100 - 102.5	08/21/06	-0.32	0.09	14.20	1.32	14,256
SVMW-08	100 - 102.5	09/21/06	0.06	0.12	13.62	1.04	17,280
SVMW-08	100 - 102.5	10/24/06	0.02	0.09	13.84	2.08	14,985
SVMW-08	100 - 102.5	02/28/07	0.23	0.13	12.34	2.56	19,080
SVMW-08	100 - 102.5	08/23/07	0.80	0.05	10.54	5.52	9,459
SVMW-08	250 - 252.5	07/16/04	--	0.06	2.74	10.88	22,950

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 8 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-08	250 - 252.5	07/23/04	-1.5	0.06	2.78	10.58	24,210
SVMW-08	250 - 252.5	08/19/04	-0.09	0.06	2.76	10.66	22,950
SVMW-08	250 - 252.5	09/21/04	--	0.02	1.72	15.28	6,700
SVMW-08	250 - 252.5	02/03/05	0.02	0.00	0.70	19.74	234
SVMW-08	250 - 252.5	03/31/05	-2.1	0.07	3.16	10.80	24,030
SVMW-08	250 - 252.5	08/11/05	-0.10	0.03	1.68	15.30	7,850
SVMW-08	250 - 252.5	11/22/05	-1.5	0.04	2.90	13.22	15,930
SVMW-08	250 - 252.5	02/24/06	-2.0	0.03	2.60	14.06	13,410
SVMW-08	250 - 252.5	04/11/06	1.5	0.06	3.02	13.66	10,710
SVMW-08	250 - 252.5	08/09/06	-2	0.00	0.14	20.88	74
SVMW-08	250 - 252.5	08/21/06	-1.6	0.01	0.28	20.80	136
SVMW-08	250 - 252.5	09/21/06	0.3	0.04	2.60	14.90	8,595
SVMW-08	250 - 252.5	10/24/06	-0.41	0.01	1.94	18.12	1,479
SVMW-08	250 - 252.5	02/28/07	0.9	0.03	2.72	14.58	9,180
SVMW-08	250 - 252.5	08/23/07	0.90	0.02	2.60	15.20	6,360
SVMW-08	266 - 268.5	08/19/04	--	0.01	0.10	20.50	377
SVMW-08	266 - 268.5	03/31/05	atm	0.00	0.04	20.56	201
SVMW-08	266 - 268.5	08/11/05	0.12	0.01	0.10	20.08	210
SVMW-08	266 - 268.5	11/22/05	1.2	0.01	0.12	22.72	114
SVMW-08	266 - 268.5	02/24/06	--	0.00	0.08	21.42	191
SVMW-09	50 - 52.5	07/23/04	atm	0.03	11.04	3.74	10,953
SVMW-09	50 - 52.5	08/19/04	-0.06	0.04	10.88	3.96	7,695
SVMW-09	50 - 52.5	09/21/04	--	0.05	5.44	9.06	>17000
SVMW-09	50 - 52.5	02/03/05	0.27	0.03	3.86	0.80	5,270
SVMW-09	50 - 52.5	03/31/05	-0.1	0.03	11.00	4.82	11,880
SVMW-09	50 - 52.5	08/11/05	-0.12	0.03	12.26	2.42	9,870
SVMW-09	50 - 52.5	11/22/05	0.17	0.00	0.00	20.90	27
SVMW-09	50 - 52.5	02/24/06	0.07	0.02	11.82	3.34	9,340
SVMW-09	50 - 52.5	04/11/06	0.35	0.01	4.44	13.64	2,120
SVMW-09	50 - 52.5	08/09/06	-0.19	0.04	12.46	4.52	10,107
SVMW-09	50 - 52.5	08/21/06	-0.26	0.02	9.54	7.86	1,240
SVMW-09	50 - 52.5	09/21/06	0.03	0.05	6.74	10.16	11,700
SVMW-09	50 - 52.5	10/24/06	0.06	0.05	10.32	5.92	13,140
SVMW-09	50 - 52.5	02/28/07	0.16	0.04	10.56	5.94	10,350
SVMW-09	50 - 52.5	03/16/07	0.26	0.02	9.76	7.12	9,020
SVMW-09	50 - 52.5	08/23/07	0.10	0.04	7.48	9.00	13,941
SVMW-09	100 - 102.5	07/23/04	-0.08	0.04	9.94	2.06	33,660
SVMW-09	100 - 102.5	08/19/04	-0.12	0.06	9.98	1.88	22,590
SVMW-09	100 - 102.5	09/21/04	--	0.07	6.82	6.78	>22000
SVMW-09	100 - 102.5	02/03/05	0.26	0.06	8.26	5.34	25,893
SVMW-09	100 - 102.5	03/31/05	-0.22	0.02	10.08	2.88	48,690
SVMW-09	100 - 102.5	08/11/05	-0.18	0.08	11.10	1.54	35,550
SVMW-09	100 - 102.5	11/22/05	0.09	0.01	10.82	2.62	29,250
SVMW-09	100 - 102.5	02/24/06	-0.06	0.03	10.64	2.20	35,910
SVMW-09	100 - 102.5	04/11/06	0.52	0.17	12.04	3.86	44,010
SVMW-09	100 - 102.5	08/09/06	-0.2	0.17	13.20	2.32	29,970
SVMW-09	100 - 102.5	08/21/06	-0.3	0.01	10.18	6.62	22,590
SVMW-09	100 - 102.5	09/21/06	0.05	0.16	8.86	6.96	27,720
SVMW-09	100 - 102.5	10/24/06	atm	0.18	11.50	4.14	29,880
SVMW-09	100 - 102.5	02/28/07	0.2	0.19	11.16	4.18	21,870
SVMW-09	100 - 102.5	03/16/07	0.22	0.14	10.64	6.20	25,650
SVMW-09	100 - 102.5	08/23/07	0.11	0.13	9.50	6.40	20,790

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 9 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-09	250 - 252.5	07/23/04	-1.5	0.06	3.04	10.36	23,040
SVMW-09	250 - 252.5	08/19/04	-0.18	0.07	2.96	10.56	23,130
SVMW-09	250 - 252.5	09/21/04	--	0.03	2.22	13.80	>10000
SVMW-09	250 - 252.5	02/03/05	-1.8	0.01	1.14	20.62	2,350
SVMW-09	250 - 252.5	03/31/05	-2.1	0.08	3.96	7.24	34,380
SVMW-09	250 - 252.5	08/11/05	-0.28	0.09	3.16	11.38	18,630
SVMW-09	250 - 252.5	11/22/05	-1.3	0.01	1.76	17.52	4,770
SVMW-09	250 - 252.5	02/24/06	-2.2	0.03	2.70	13.79	11,547
SVMW-09	250 - 252.5	04/11/06	1.4	0.06	3.16	12.88	17,064
SVMW-09	250 - 252.5	08/09/06	-1.9	0.01	7.64	10.72	7,497
SVMW-09	250 - 252.5	08/21/06	-1.7	0.01	0.88	19.92	1,404
SVMW-09	250 - 252.5	09/21/06	0.24	0.08	3.18	14.14	13,815
SVMW-09	250 - 252.5	10/24/06	-0.43	0.02	2.40	16.64	6,300
SVMW-09	250 - 252.5	02/28/07	0.85	0.05	2.92	14.24	11,358
SVMW-09	250 - 252.5	03/16/07	-2.6	0.02	3.54	16.60	6,420
SVMW-09	250 - 252.5	08/23/07	0.15	0.04	2.94	14.58	9,540
SVMW-09	266 - 268.5	07/23/04	-1.6	0.04	2.12	10.94	31,770
SVMW-09	266 - 268.5	08/19/04	-0.22	0.05	1.90	12.28	29,610
SVMW-09	266 - 268.5	09/21/04	--	0.03	2.12	15.30	>11000
SVMW-09	266 - 268.5	02/03/05	-1.8	0.00	0.16	22.08	389
SVMW-09	266 - 268.5	03/31/05	-2.2	0.06	3.08	8.54	41,940
SVMW-09	266 - 268.5	08/11/05	-0.30	0.05	3.10	7.84	39,510
SVMW-09	266 - 268.5	11/22/05	-1.8	0.00	10.92	4.50	30,600
SVMW-09	266 - 268.5	02/24/06	-2.2	0.04	2.22	13.16	21,690
SVMW-09	266 - 268.5	04/11/06	1.3	0.14	3.20	11.98	33,660
SVMW-09	266 - 268.5	08/09/06	-1.8	0.06	8.12	10.08	7,236
SVMW-09	266 - 268.5	08/21/06	-1.6	0.01	1.30	19.52	1,735
SVMW-09	266 - 268.5	09/21/06	0.23	0.06	2.62	15.92	13,365
SVMW-09	266 - 268.5	10/24/06	-0.42	0.02	2.36	17.74	5,300
SVMW-09	266 - 268.5	02/28/07	0.87	0.08	2.36	15.12	15,570
SVMW-09	266 - 268.5	03/16/07	-2.6	0.00	1.10	20.00	2,720
SVMW-09	266 - 268.5	08/23/07	$0.10	0.07	4.98	12.72	13,329
SVMW-10	50 - 52.5	07/23/04	0.14	0.02	10.44	4.08	42,480
SVMW-10	50 - 52.5	08/19/04	-0.11	0.02	10.82	3.72	41,400
SVMW-10	50 - 52.5	02/03/05	0.25	0.05	9.32	4.80	40,140
SVMW-10	50 - 52.5	03/31/05	-0.2	0.06	11.64	4.08	36,810
SVMW-10	50 - 52.5	08/11/05	-0.18	0.03	11.42	2.74	42,120
SVMW-10	50 - 52.5	11/22/05	0.12	0.03	11.54	3.88	38,500
SVMW-10	50 - 52.5	02/24/06	-0.02	0.03	11.52	3.78	35,370
SVMW-10	50 - 52.5	04/11/06	0.38	0.08	4.54	14.22	25,560
SVMW-10	50 - 52.5	08/09/06	-0.19	0.18	13.62	3.80	41,580
SVMW-10	50 - 52.5	08/21/06	-0.34	0.19	13.98	3.52	45,000
SVMW-10	50 - 52.5	09/21/06	0.04	0.17	7.72	8.74	30,240
SVMW-10	50 - 52.5	10/24/06	atm	0.18	11.86	5.08	40,680
SVMW-10	50 - 52.5	03/02/07	0.17	0.10	5.52	12.02	9,900
SVMW-10	50 - 52.5	03/16/07	0.25	0.16	11.56	5.30	32,400
SVMW-10	50 - 52.5	08/23/07	0.08	0.19	10.12	6.74	28,800
SVMW-10	100 - 102.5	07/23/04	0.18	0.01	10.26	0.80	50,670
SVMW-10	100 - 102.5	08/19/04	-0.15	0.02	10.38	0.78	54,630
SVMW-10	100 - 102.5	02/03/05	0.31	0.05	9.50	2.82	47,430
SVMW-10	100 - 102.5	03/31/05	-0.35	0.05	11.02	1.44	56,430
SVMW-10	100 - 102.5	08/11/05	-0.20	0.02	11.04	0.42	49,770

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 10 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-10	100 - 102.5	11/22/05	atm	0.03	10.78	2.54	47,700
SVMW-10	100 - 102.5	02/24/06	-0.06	0.02	10.66	1.82	41,490
SVMW-10	100 - 102.5	04/11/06	0.50	0.17	13.64	1.32	66,690
SVMW-10	100 - 102.5	08/09/06	-0.88	0.20	13.64	1.28	53,910
SVMW-10	100 - 102.5	08/21/06	-0.43	0.02	13.94	0.94	57,240
SVMW-10	100 - 102.5	09/21/06	0.05	0.19	9.34	6.02	32,040
SVMW-10	100 - 102.5	10/24/06	atm	0.22	12.76	3.06	44,550
SVMW-10	100 - 102.5	03/02/07	0.25	0.12	7.80	9.36	16,560
SVMW-10	100 - 102.5	03/16/07	0.30	0.20	12.06	3.88	38,430
SVMW-10	100 - 102.5	08/23/07	0.10	0.20	10.98	4.54	36,270
SVMW-10	150 - 152.5	07/23/04	-1.2	0.08	6.04	3.02	30,600
SVMW-10	150 - 152.5	08/19/04	-0.08	0.08	6.54	2.88	31,140
SVMW-10	150 - 152.5	02/03/05	-2.0	0.06	5.46	12.36	28,170
SVMW-10	150 - 152.5	03/31/05	-2.3	0.08	6.68	2.52	44,730
SVMW-10	150 - 152.5	08/11/05	-0.28	0.08	5.42	3.88	32,310
SVMW-10	150 - 152.5	11/22/05	-1.0	0.07	5.76	4.42	31,300
SVMW-10	150 - 152.5	02/24/06	-2.4	0.06	5.46	5.16	31,320
SVMW-10	150 - 152.5	04/11/06	1.4	0.21	6.90	4.76	39,510
SVMW-10	150 - 152.5	08/09/06	-2	0.07	2.98	17.80	14,886
SVMW-10	150 - 152.5	08/21/06	-1.8	0.01	0.84	19.80	5,550
SVMW-10	150 - 152.5	09/21/06	0.27	0.15	5.58	10.40	20,520
SVMW-10	150 - 152.5	10/24/06	-0.42	0.03	2.62	17.18	8,080
SVMW-10	150 - 152.5	03/02/07	0.94	0.04	2.76	14.82	8,262
SVMW-10	150 - 152.5	03/16/07	-2.5	0.01	0.70	20.34	4,150
SVMW-10	150 - 152.5	08/23/07	0.02	0.19	8.44	6.92	28,080
SVMW-10	250 - 252.5	07/23/04	-1.6	0.01	2.54	8.88	46,170
SVMW-10	250 - 252.5	08/19/04	-0.45	0.02	2.70	8.44	43,470
SVMW-10	250 - 252.5	02/03/05	-2.2	0.05	6.26	9.88	36,000
SVMW-10	250 - 252.5	03/31/05	-2.1	0.08	6.20	2.12	45,540
SVMW-10	250 - 252.5	08/11/05	-0.46	0.02	3.02	8.68	42,570
SVMW-10	250 - 252.5	11/22/05	-2.6	0.04	3.14	10.30	42,900
SVMW-10	250 - 252.5	02/24/06	-2.0	0.03	2.76	12.02	35,010
SVMW-10	250 - 252.5	04/11/06	0.84	0.17	3.98	11.32	48,060
SVMW-10	250 - 252.5	08/09/06	-2.0	0.10	4.72	15.46	1,215
SVMW-10	250 - 252.5	08/21/06	-1.7	0.01	1.36	19.02	5,360
SVMW-10	250 - 252.5	09/21/06	0.1	0.17	4.14	12.80	28,260
SVMW-10	250 - 252.5	10/24/06	-0.47	0.06	3.62	14.36	11,844
SVMW-10	250 - 252.5	03/02/07	0.65	0.08	2.92	14.52	15,867
SVMW-10	250 - 252.5	03/16/07	-2.7	0.00	2.62	16.78	8,172
SVMW-10	250 - 252.5	08/23/07	-0.03	0.16	4.32	13.04	28,800
SVMW-11	50 - 52.5	07/23/04	0.29	0.04	13.68	0.40	19,620
SVMW-11	50 - 52.5	08/19/04	-0.07	0.04	14.18	0.22	19,620
SVMW-11	50 - 52.5	02/03/05	0.02	0.05	12.32	0.66	30,420
SVMW-11	50 - 52.5	03/31/05	-0.2	0.04	14.08	0.84	28,980
SVMW-11	50 - 52.5	08/11/05	0.08	0.05	13.98	0.04	20,790
SVMW-11	50 - 52.5	11/22/05	atm	0.02	13.92	1.30	20,850
SVMW-11	50 - 52.5	02/24/06	-0.01	0.02	13.88	1.50	19,260
SVMW-11	50 - 52.5	04/11/06	0.4	0.01	2.94	15.90	2,660
SVMW-11	50 - 52.5	08/09/06	-0.23	0.13	16.58	0.48	23,670
SVMW-11	50 - 52.5	08/21/06	-0.29	0.13	16.88	0.32	27,270
SVMW-11	50 - 52.5	09/20/06	0.06	0.13	13.62	3.10	23,670
SVMW-11	50 - 52.5	10/24/06	atm	0.15	15.14	0.74	29,880

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 11 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-11	50 - 52.5	03/02/07	0.17	0.07	7.86	9.62	15,804
SVMW-11	50 - 52.5	03/16/07	0.28	0.04	8.60	8.54	12,150
SVMW-11	50 - 52.5	08/23/07	0.09	0.07	9.62	7.34	11,970
SVMW-11	100 - 102.5	07/23/04	0.34	0.00	10.28	0.52	52,830
SVMW-11	100 - 102.5	08/19/04	-0.10	0.00	10.70	0.22	50,940
SVMW-11	100 - 102.5	02/03/05	-0.01	0.00	10.90	0.80	56,700
SVMW-11	100 - 102.5	03/31/05	-0.38	0.03	11.76	0.56	55,890
SVMW-11	100 - 102.5	08/11/05	-0.04	0.07	10.20	3.40	24,840
SVMW-11	100 - 102.5	11/22/05	atm	0.03	11.34	1.28	44,700
SVMW-11	100 - 102.5	02/24/06	-0.1	0.01	10.82	1.94	39,240
SVMW-11	100 - 102.5	04/11/06	0.55	0.16	13.96	0.68	59,850
SVMW-11	100 - 102.5	08/09/06	-0.28	0.18	14.02	0.38	40,860
SVMW-11	100 - 102.5	08/21/06	-0.34	0.18	14.20	0.28	56,250
SVMW-11	100 - 102.5	09/20/06	0.06	0.20	13.22	1.90	39,600
SVMW-11	100 - 102.5	10/24/06	-0.01	0.19	14.06	0.78	51,120
SVMW-11	100 - 102.5	03/02/07	0.23	0.13	9.58	6.88	20,250
SVMW-11	100 - 102.5	03/16/07	0.38	0.11	8.68	7.60	26,550
SVMW-11	100 - 102.5	08/23/07	0.11	0.17	11.56	4.36	24,030
SVMW-11	250 - 252.5	07/23/04	-1.3	-0.02	5.34	4.96	18,090
SVMW-11	250 - 252.5	08/19/04	-0.52	-0.02	5.46	5.10	57,060
SVMW-11	250 - 252.5	02/03/05	0.03	0.01	8.88	6.64	26,910
SVMW-11	250 - 252.5	03/31/05	-2.4	0.04	8.16	1.84	52,830
SVMW-11	250 - 252.5	08/11/05	-0.45	0.02	7.00	3.18	42,300
SVMW-11	250 - 252.5	11/22/05	-2.1	0.00	6.08	6.42	40,590
SVMW-11	250 - 252.5	02/24/06	-2.4	0.02	6.20	8.80	44,100
SVMW-11	250 - 252.5	04/11/06	0.86	0.13	8.42	7.86	65,520
SVMW-11	250 - 252.5	08/09/06	-2.1	0.10	7.76	11.10	17,820
SVMW-11	250 - 252.5	08/21/06	-1.7	0.15	11.18	6.60	25,020
SVMW-11	250 - 252.5	09/20/06	0.06	0.12	8.14	7.76	20,610
SVMW-11	250 - 252.5	10/24/06	-0.57	0.15	10.36	6.58	26,820
SVMW-11	250 - 252.5	03/02/07	0.44	0.11	7.82	9.34	18,540
SVMW-11	250 - 252.5	03/16/07	-2.8	0.02	3.64	15.14	7,420
SVMW-11	250 - 252.5	08/23/07	-0.05	0.15	7.76	9.74	20,340
SVMW-11	250 - 252.5	07/23/04	-1.2	0.01	6.08	5.36	18,090
SVMW-11	250 - 252.5	08/19/04	-0.29	-0.01	5.58	5.26	56,070
SVMW-11	250 - 252.5	02/03/05	0.04	0.05	8.92	6.14	29,520
SVMW-11	250 - 252.5	03/31/05	-2.0	0.06	5.78	8.22	31,320
SVMW-11	250 - 252.5	08/11/05	-0.18	0.05	7.06	4.00	35,640
SVMW-11	250 - 252.5	11/22/05	-1.8	0.00	0.06	20.84	186
SVMW-11	250 - 252.5	02/24/06	-2.0	0.04	6.80	9.78	31,230
SVMW-11	250 - 252.5	04/11/06	0.30	0.15	6.92	11.18	49,050
SVMW-11	250 - 252.5	08/09/06	-2.0	0.07	6.64	12.70	12,717
SVMW-11	250 - 252.5	08/21/06	-1.7	0.05	5.10	14.18	24,210
SVMW-11	250 - 252.5	09/20/06	0.06	0.14	8.82	7.12	20,610
SVMW-11	250 - 252.5	10/24/06	-0.55	0.15	10.22	6.88	28,440
SVMW-11	250 - 252.5	03/02/07	0.38	0.12	9.30	7.92	21,060
SVMW-11	250 - 252.5	03/16/07	-2.7	0.01	2.54	16.62	5,460
SVMW-11	250 - 252.5	08/23/07	-0.03	0.17	9.56	7.60	24,210
Distal Monitoring/Extraction Wells							
SVEW-10	400 - 410	02/27/07	1.35	0.02	0.46	18.90	9,430
SVEW-10	400 - 410	08/24/07	0.23	0.02	0.38	17.98	8,080
SVMW-12	150 - 152.5	07/26/04	-0.54	0.00	0.22	18.94	1,330

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 12 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-12	150 - 152.5	07/30/04	0.05	0.01	0.24	19.48	403
SVMW-12	150 - 152.5	03/31/05	2.8	0.00	0.22	19.44	3,790
SVMW-12	150 - 152.5	08/12/05	0.31	0.00	0.22	19.08	684
SVMW-12	150 - 152.5	11/21/05	-1.1	0.00	0.18	19.46	113
SVMW-12	150 - 152.5	02/23/06	-1.9	0.00	0.22	19.62	420
SVMW-12	150 - 152.5	04/11/06	0.84	0.00	0.06	21.40	142
SVMW-12	150 - 152.5	08/10/06	-1.9	0.01	0.24	19.62	96
SVMW-12	150 - 152.5	08/21/06	-1.5	0.00	0.20	20.40	193
SVMW-12	150 - 152.5	09/20/06	0.64	0.00	0.18	19.36	79
SVMW-12	150 - 152.5	10/24/06	-0.29	0.00	0.28	19.70	94
SVMW-12	150 - 152.5	02/27/07	-0.83	0.00	0.22	19.32	131
SVMW-12	150 - 152.5	08/24/07	0.21	0.00	0.22	18.72	80
SVMW-12	250 - 252.5	07/26/04	-0.7	0.01	0.40	17.96	5,070
SVMW-12	250 - 252.5	07/30/04	0.15	0.01	0.36	17.92	4,790
SVMW-12	250 - 252.5	03/31/05	2.9	0.01	0.40	19.20	4,280
SVMW-12	250 - 252.5	08/12/05	0.36	0.01	0.40	18.64	4,050
SVMW-12	250 - 252.5	11/21/05	-0.8	0.01	0.40	18.96	3,340
SVMW-12	250 - 252.5	02/23/06	-2.0	0.01	0.40	19.14	3,490
SVMW-12	250 - 252.5	04/11/06	0.88	0.01	0.24	20.60	2,080
SVMW-12	250 - 252.5	08/10/06	-2.0	0.01	0.44	18.78	4,020
SVMW-12	250 - 252.5	08/21/06	-1.5	0.01	0.44	18.60	4,030
SVMW-12	250 - 252.5	09/20/06	0.21	0.01	0.42	18.58	3,950
SVMW-12	250 - 252.5	10/24/06	-0.39	0.01	0.48	18.86	3,960
SVMW-12	250 - 252.5	02/27/07	-0.21	0.01	0.42	18.44	3,650
SVMW-12	250 - 252.5	08/24/07	0.19	0.01	0.42	17.76	3,170
SVMW-12	350 - 352.5	07/26/04	-0.76	0.02	0.38	18.20	9,350
SVMW-12	350 - 352.5	07/30/04	0.05	0.02	0.36	18.02	9,130
SVMW-12	350 - 352.5	03/31/05	2.4	0.01	0.24	19.00	203
SVMW-12	350 - 352.5	08/12/05	0.34	0.00	0.22	18.40	5,830
SVMW-12	350 - 352.5	11/21/05	-0.9	0.00	0.08	21.54	35
SVMW-12	350 - 352.5	02/23/06	-2.0	0.02	0.72	14.78	21,060
SVMW-12	350 - 352.5	04/11/06	0.78	0.02	0.44	18.74	12,897
SVMW-12	350 - 352.5	08/10/06	-2.1	0.06	0.78	15.38	17,784
SVMW-12	350 - 352.5	08/21/06	-1.6	0.01	0.68	15.52	16,461
SVMW-12	350 - 352.5	09/20/06	0.09	0.07	1.40	11.88	21,690
SVMW-12	350 - 352.5	10/24/06	-0.66	0.07	1.16	14.04	19,350
SVMW-12	350 - 352.5	02/27/07	-0.81	0.08	1.98	7.56	25,020
SVMW-12	350 - 352.5	08/24/07	0.07	0.04	0.62	13.48	10,890
SVMW-12	450 - 452.5	07/26/04	-0.96	0.01	0.78	12.32	21,060
SVMW-12	450 - 452.5	07/30/04	-0.01	0.03	0.42	16.16	19,800
SVMW-12	450 - 452.5	03/31/05	2.5	0.01	0.34	16.98	10,881
SVMW-12	450 - 452.5	08/12/05	0.2	0.02	0.38	17.10	13,032
SVMW-12	450 - 452.5	11/21/05	-1.1	0.00	0.04	21.66	1
SVMW-12	450 - 452.5	02/23/06	-2.0	0.01	0.30	18.24	6,700
SVMW-12	450 - 452.5	04/11/06	0.90	0.01	0.32	18.78	6,010
SVMW-12	450 - 452.5	08/10/06	-2.0	0.02	0.44	18.88	7,750
SVMW-12	450 - 452.5	08/21/06	-1.6	0.01	0.20	19.80	1,810
SVMW-12	450 - 452.5	09/20/06	0.56	0.01	0.40	18.58	7,110
SVMW-12	450 - 452.5	10/24/06	-0.43	0.02	0.46	18.92	7,450
SVMW-12	450 - 452.5	02/27/07	-0.94	0.01	0.42	18.30	7,050
SVMW-12	450 - 452.5	08/24/07	0.07	0.01	0.11	17.62	5,850
SVEW-11	400 - 410	02/27/07	1.95	0.12	1.14	12.98	32,760

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 13 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVEW-11	400 - 410	08/23/07	0.15	0.13	1.22	12.82	32,400
SVMW-13	150 - 152.5	07/26/04	-0.86	0.02	0.64	12.36	41,940
SVMW-13	150 - 152.5	07/30/04	-0.25	0.03	0.68	11.78	37,890
SVMW-13	150 - 152.5	02/03/05	-1.6	0.01	0.52	10.48	55,440
SVMW-13	150 - 152.5	03/31/05	2.7	0.00	0.60	10.80	50,580
SVMW-13	150 - 152.5	08/12/05	0.32	0.04	0.68	12.52	32,130
SVMW-13	150 - 152.5	11/21/05	-1.0	0.00	0.00	20.86	29
SVMW-13	150 - 152.5	02/23/06	-2.4	0.02	0.78	11.92	60,840
SVMW-13	150 - 152.5	04/11/06	0.84	0.14	1.56	11.32	49,770
SVMW-13	150 - 152.5	08/10/06	--	0.14	1.64	10.88	39,150
SVMW-13	150 - 152.5	08/21/06	-1.9	0.01	1.72	9.76	41,580
SVMW-13	150 - 152.5	09/20/06	0.08	0.16	1.92	9.14	42,750
SVMW-13	150 - 152.5	10/24/06	-0.63	0.16	2.03	9.60	50,220
SVMW-13	150 - 152.5	02/27/07	-0.92	0.13	2.30	6.42	57,330
SVMW-13	150 - 152.5	08/23/07	0.27	0.16	2.46	7.90	37,800
SVMW-13	250 - 252.5	07/26/04	-0.9	0.02	0.78	14.98	14,184
SVMW-13	250 - 252.5	07/30/04	0.11	0.02	0.78	15.10	12,798
SVMW-13	250 - 252.5	02/03/05	-1.5	0.03	0.74	14.18	22,950
SVMW-13	250 - 252.5	03/31/05	3.3	0.03	0.74	14.54	26,190
SVMW-13	250 - 252.5	08/12/05	0.3	0.03	0.72	14.34	24,030
SVMW-13	250 - 252.5	11/21/05	-1.2	0.02	0.60	14.70	16,866
SVMW-13	250 - 252.5	02/23/06	-2.0	0.03	0.62	14.76	24,210
SVMW-13	250 - 252.5	04/11/06	0.93	0.10	1.06	13.92	29,880
SVMW-13	250 - 252.5	08/10/06	--	0.10	1.20	13.72	25,200
SVMW-13	250 - 252.5	08/23/06	-1.8	0.11	1.12	14.08	25,380
SVMW-13	250 - 252.5	09/20/06	0.46	0.11	1.20	13.50	31,770
SVMW-13	250 - 252.5	10/24/06	-0.64	0.11	1.24	14.00	30,150
SVMW-13	250 - 252.5	02/27/07	-0.16	0.01	1.12	13.10	25,200
SVMW-13	250 - 252.5	08/23/07	0.16	0.10	1.20	13.16	22,500
SVMW-13	350 - 352.5	07/26/04	-0.66	0.00	1.70	10.36	6,810
SVMW-13	350 - 352.5	07/30/04	0.10	0.01	1.64	10.50	6,750
SVMW-13	350 - 352.5	02/03/05	-1.3	0.01	2.02	10.70	6,330
SVMW-13	350 - 352.5	03/31/05	3.2	0.00	2.00	11.48	4,160
SVMW-13	350 - 352.5	08/12/05	0.28	0.01	2.18	11.28	4,870
SVMW-13	350 - 352.5	11/21/05	-1.0	0.00	0.04	21.58	165
SVMW-13	350 - 352.5	02/23/06	-2.0	0.00	2.24	11.74	2,030
SVMW-13	350 - 352.5	04/11/06	0.90	0.01	2.80	11.20	1,850
SVMW-13	350 - 352.5	08/10/06	--	0.00	2.68	11.02	2,120
SVMW-13	350 - 352.5	08/21/06	-1.6	0.01	2.66	11.52	2,210
SVMW-13	350 - 352.5	09/20/06	0.49	0.01	2.76	11.50	2,010
SVMW-13	350 - 352.5	10/24/06	-0.45	0.00	2.78	11.16	1,631
SVMW-13	350 - 352.5	02/27/07	-0.99	0.00	2.90	11.70	1,005
SVMW-13	350 - 352.5	08/23/07	0.25	0.00	2.80	12.50	755
SVMW-13	450 - 452.5	07/26/04	-0.54	0.00	0.98	13.38	234
SVMW-13	450 - 452.5	07/30/04	0.12	0.00	1.20	12.54	212
SVMW-13	450 - 452.5	02/03/05	-1.2	0.00	1.28	12.86	117
SVMW-13	450 - 452.5	03/31/05	2.9	0.00	1.92	12.06	39
SVMW-13	450 - 452.5	08/12/05	0.25	0.01	1.58	13.10	75
SVMW-13	450 - 452.5	11/21/05	-0.9	0.00	0.98	13.42	26
SVMW-13	450 - 452.5	02/23/06	-1.9	0.00	1.22	13.44	67
SVMW-13	450 - 452.5	04/11/06	0.86	0.01	1.48	13.04	182
SVMW-13	450 - 452.5	08/10/06	--	0.00	1.20	13.98	24

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 14 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-13	450 - 452.5	08/21/06	-1.6	0.01	1.22	13.50	47
SVMW-13	450 - 452.5	09/20/06	0.08	0.00	1.38	13.38	34
SVMW-13	450 - 452.5	10/24/06	-0.42	0.00	1.28	13.00	66
SVMW-13	450 - 452.5	02/27/07	-0.62	0.00	1.62	13.04	3
SVMW-13	450 - 452.5	08/23/07	0.24	0.00	1.36	13.80	19
SVEW-12	400 - 410	02/27/07	1.47	0.01	0.26	19.46	6,380
SVEW-12	400 - 410	08/24/07	0.25	0.01	0.24	18.72	5,170
SVMW-14	150 - 152.5	07/26/04	-0.72	0.00	0.26	18.60	1,008
SVMW-14	150 - 152.5	07/30/04	0.05	0.00	0.22	18.90	836
SVMW-14	150 - 152.5	02/03/05	-1.8	0.00	0.18	20.58	690
SVMW-14	150 - 152.5	03/31/05	2.2	0.00	0.36	19.12	1,033
SVMW-14	150 - 152.5	08/12/05	0.06	0.01	0.32	18.76	725
SVMW-14	150 - 152.5	11/21/05	-1.1	0.00	0.28	18.82	499
SVMW-14	150 - 152.5	02/23/06	-2.0	0.00	0.28	19.06	497
SVMW-14	150 - 152.5	04/11/06	0.14	0.00	0.16	20.66	296
SVMW-14	150 - 152.5	08/10/06	-1.8	0.00	0.28	19.06	328
SVMW-14	150 - 152.5	08/21/06	-1.7	0.00	0.32	19.18	353
SVMW-14	150 - 152.5	09/20/06	0.05	0.00	0.32	18.96	307
SVMW-14	150 - 152.5	10/24/06	-0.22	0.00	0.34	19.74	267
SVMW-14	150 - 152.5	02/27/07	0.08	0.00	0.36	19.28	316
SVMW-14	150 - 152.5	08/24/07	-0.90	0.00	0.30	18.60	130
SVMW-14	250 - 252.5	07/26/04	-0.76	0.01	0.34	18.68	2,920
SVMW-14	250 - 252.5	07/30/04	0.10	0.01	0.40	19.20	2,120
SVMW-14	250 - 252.5	02/03/05	-1.8	0.01	0.40	19.14	2,310
SVMW-14	250 - 252.5	03/31/05	2.8	0.01	0.44	19.58	2,100
SVMW-14	250 - 252.5	08/12/05	0.32	0.01	0.38	18.90	1,870
SVMW-14	250 - 252.5	11/21/05	-1.1	0.00	0.36	19.10	1,590
SVMW-14	250 - 252.5	02/23/06	-2.0	0.00	0.30	19.82	1,394
SVMW-14	250 - 252.5	04/11/06	0.76	0.01	0.22	21.20	592
SVMW-14	250 - 252.5	08/10/06	-1.8	0.00	0.32	19.08	1,218
SVMW-14	250 - 252.5	08/21/06	-1.6	0.01	0.40	19.10	1,224
SVMW-14	250 - 252.5	09/20/06	0.48	0.00	0.40	18.98	1,142
SVMW-14	250 - 252.5	12/11/06	-0.22	0.00	0.42	19.76	974
SVMW-14	250 - 252.5	02/27/07	0.08	0.00	0.38	18.88	1,182
SVMW-14	250 - 252.5	08/24/07	0.21	0.00	0.38	18.58	632
SVMW-14	350 - 352.5	07/26/04	-0.94	0.00	0.14	19.04	3,840
SVMW-14	350 - 352.5	07/30/04	0.16	0.01	0.18	20.12	3,360
SVMW-14	350 - 352.5	02/03/05	-2.1	0.00	0.08	19.20	4,260
SVMW-14	350 - 352.5	03/31/05	3.0	0.01	0.22	20.46	4,570
SVMW-14	350 - 352.5	08/12/05	0.4	0.01	0.16	19.04	3,840
SVMW-14	350 - 352.5	11/21/05	-1.2	0.00	0.18	19.86	3,450
SVMW-14	350 - 352.5	02/23/06	-2.0	0.01	0.22	20.58	3,910
SVMW-14	350 - 352.5	04/11/06	0.82	0.01	0.20	21.14	2,840
SVMW-14	350 - 352.5	08/10/06	-2.0	0.01	0.20	19.78	4,060
SVMW-14	350 - 352.5	08/21/06	-1.6	0.01	0.24	19.68	3,870
SVMW-14	350 - 352.5	09/20/06	0.49	0.00	0.20	19.50	3,890
SVMW-14	350 - 352.5	12/11/06	-0.36	0.01	0.26	20.36	3,310
SVMW-14	350 - 352.5	02/27/07	0.13	0.01	0.26	19.30	4,000
SVMW-14	350 - 352.5	08/24/07	0.26	0.01	0.22	18.92	3,070
SVMW-14	450 - 452.5	07/26/04	-1.3	0.02	0.22	13.58	30,330
SVMW-14	450 - 452.5	07/30/04	-0.14	0.02	0.20	14.06	36,180
SVMW-14	450 - 452.5	02/03/05	-2.2	0.02	0.98	2.82	34,200

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 15 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-14	450 - 452.5	03/31/05	2.8	0.02	0.48	13.64	32,220
SVMW-14	450 - 452.5	08/12/05	-0.14	0.00	0.22	16.14	46,260
SVMW-14	450 - 452.5	11/21/05	-1.4	0.00	0.08	21.52	--
SVMW-14	450 - 452.5	02/23/06	-2.0	0.00	0.96	6.54	38,340
SVMW-14	450 - 452.5	04/11/06	0.64	0.06	1.02	14.29	23,850
SVMW-14	450 - 452.5	08/10/06	-2.1	0.12	1.90	6.84	40,140
SVMW-14	450 - 452.5	08/21/06	-1.6	0.14	1.94	8.32	30,330
SVMW-14	450 - 452.5	09/20/06	0.36	0.10	2.08	5.38	40,590
SVMW-14	450 - 452.5	12/11/06	-0.48	0.11	2.52	5.80	38,520
SVMW-14	450 - 452.5	02/27/07	0.08	0.09	2.46	2.32	48,240
SVMW-14	450 - 452.5	08/24/07	0.30	0.13	2.76	4.34	32,760
SVEW-13	400 - 410	02/27/07	1.15	0.14	1.42	12.34	38,250
SVEW-13	400 - 410	08/27/07	0.07	0.00	0.02	20.80	63
SVMW-15	150 - 152.5	07/26/04	-0.02	0.00	0.32	13.88	3,280
SVMW-15	150 - 152.5	07/30/04	0.13	0.00	0.32	13.96	3,120
SVMW-15	150 - 152.5	02/03/05	-1.6	0.01	0.32	14.10	3,070
SVMW-15	150 - 152.5	03/31/05	-2.0	0.00	0.48	13.40	3,850
SVMW-15	150 - 152.5	08/11/05	1.4	0.01	0.42	13.18	2,980
SVMW-15	150 - 152.5	11/21/05	-1.8	0.00	0.36	14.10	2,260
SVMW-15	150 - 152.5	02/24/06	-1.8	0.00	0.44	14.56	2,470
SVMW-15	150 - 152.5	04/11/06	1.3	0.01	0.54	13.80	3,030
SVMW-15	150 - 152.5	08/09/06	-2.0	0.01	0.46	13.70	2,410
SVMW-15	150 - 152.5	08/21/06	-1.6	0.01	0.44	13.88	2,390
SVMW-15	150 - 152.5	09/20/06	0.46	0.01	0.58	13.40	2,600
SVMW-15	150 - 152.5	10/24/06	-0.45	0.01	0.54	13.96	2,400
SVMW-15	150 - 152.5	02/27/07	0.99	0.01	0.78	13.82	2,640
SVMW-15	150 - 152.5	08/27/07	0.26	0.00	0.40	15.50	1,016
SVMW-15	250 - 252.5	07/26/04	-0.17	0.01	0.50	13.00	7,710
SVMW-15	250 - 252.5	07/30/04	0.13	0.01	0.48	12.86	8,040
SVMW-15	250 - 252.5	02/03/05	-2.0	0.02	0.52	13.02	7,580
SVMW-15	250 - 252.5	03/31/05	-2.1	0.01	0.64	12.74	8,060
SVMW-15	250 - 252.5	08/11/05	1.4	0.01	0.52	12.86	6,310
SVMW-15	250 - 252.5	11/21/05	-2.0	0.00	0.34	17.82	2,500
SVMW-15	250 - 252.5	02/24/06	-1.9	0.01	0.70	13.62	5,440
SVMW-15	250 - 252.5	04/11/06	1.3	0.01	0.54	13.80	3,030
SVMW-15	250 - 252.5	08/09/06	-2.0	0.01	0.78	13.22	4,660
SVMW-15	250 - 252.5	08/21/06	-1.7	0.01	0.76	13.26	4,740
SVMW-15	250 - 252.5	09/20/06	0.45	0.01	0.82	13.06	4,850
SVMW-15	250 - 252.5	10/24/06	-0.49	0.01	0.86	13.64	4,420
SVMW-15	250 - 252.5	02/27/07	1.0	0.01	0.94	13.68	4,330
SVMW-15	250 - 252.5	08/27/07	0.28	0.00	0.84	13.60	2,920
SVMW-15	350 - 352.5	07/26/04	-0.44	0.02	0.66	13.20	27,090
SVMW-15	350 - 352.5	07/30/04	-0.07	0.03	0.62	13.56	18,630
SVMW-15	350 - 352.5	02/03/05	-2.3	0.03	0.66	14.28	26,010
SVMW-15	350 - 352.5	03/31/05	-2.0	0.03	0.70	14.16	29,340
SVMW-15	350 - 352.5	08/11/05	1.2	0.03	0.62	12.58	28,080
SVMW-15	350 - 352.5	11/21/05	-2.3	0.00	0.06	21.58	62
SVMW-15	350 - 352.5	02/24/06	-2.1	0.02	0.66	14.00	24,660
SVMW-15	350 - 352.5	04/11/06	1.1	0.11	1.22	13.60	32,130
SVMW-15	350 - 352.5	08/09/06	-2.2	0.13	1.28	13.20	29,070
SVMW-15	350 - 352.5	08/21/06	-1.9	0.06	1.30	13.00	30,780
SVMW-15	350 - 352.5	09/20/06	0.05	0.13	1.30	12.78	29,880

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 16 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVMW-15	350 - 352.5	10/24/06	-0.69	0.09	1.24	14.54	19,890
SVMW-15	350 - 352.5	02/27/07	1.2	0.12	1.34	13.22	25,920
SVMW-15	350 - 352.5	08/27/07	0.26	0.11	1.22	12.90	21,960
SVMW-15	450 - 452.5	07/26/04	-0.37	0.01	0.56	11.92	38,520
SVMW-15	450 - 452.5	07/30/04	-0.12	0.03	0.58	12.82	32,400
SVMW-15	450 - 452.5	02/03/05	-2.0	0.01	0.66	15.28	50,760
SVMW-15	450 - 452.5	03/31/05	-2.0	0.00	0.16	20.04	1,016
SVMW-15	450 - 452.5	08/11/05	1.4	0.04	0.72	11.68	38,340
SVMW-15	450 - 452.5	11/21/05	-2.2	0.00	0.08	21.85	81
SVMW-15	450 - 452.5	02/24/06	-2.0	0.03	0.62	13.90	25,290
SVMW-15	450 - 452.5	04/11/06	1.2	0.15	1.32	12.44	42,300
SVMW-15	450 - 452.5	08/09/06	-2.2	0.15	1.42	11.52	45,900
SVMW-15	450 - 452.5	08/21/06	-1.9	0.16	1.48	11.84	43,290
SVMW-15	450 - 452.5	09/20/06	0.27	0.15	1.50	11.74	43,560
SVMW-15	450 - 452.5	10/24/06	-0.63	0.14	1.64	12.54	39,150
SVMW-15	450 - 452.5	02/27/07	1.0	0.14	1.44	11.26	45,990
SVMW-15	450 - 452.5	08/27/07	0.26	0.15	1.50	11.84	34,560
Vapor Extraction Wells							
SVEW-01	245 - 260	07/16/04	--	0.00	3.62	6.80	49,860
SVEW-01	245 - 260	07/23/04	-12.2	0.00	3.62	7.08	47,070
SVEW-01	245 - 260	07/30/04	-9.0	0.02	3.48	8.26	49,590
SVEW-01	245 - 260	08/10/04	-13.5	0.01	3.52	8.14	53,100
SVEW-01	245 - 260	08/17/04	na	0.03	2.90	11.12	47,970
SVEW-01	245 - 260	08/19/04	-9.6	0.01	3.70	7.28	51,750
SVEW-01	245 - 260	09/02/04	-10.0	0.01	3.72	7.60	52,740
SVEW-01	245 - 260	09/08/04	-12.5	--	--	--	--
SVEW-01	245 - 260	09/21/04	-13.5	0.02	3.62	8.16	57,330
SVEW-01	245 - 260	09/23/04	-4.9	0.02	3.82	7.80	53,730
SVEW-01	245 - 260	09/28/04	-6.8	0.02	3.76	8.50	52,020
SVEW-01	245 - 260	11/17/04	-16.2	0.02	1.86	9.20	44,370
SVEW-01	245 - 260	03/22/05	-18	--	--	--	--
SVEW-01	245 - 260	07/06/05	-2.0	0.03	1.46	18.14	13,383
SVEW-01	245 - 260	08/11/05	-3.0	0.04	4.32	7.04	47,610
SVEW-01	245 - 260	09/20/05	-3.80	0.03	4.58	9.72	44,820
SVEW-01	245 - 260	10/13/05	-2.2	0.07	4.70	7.48	42,390
SVEW-01	245 - 260	11/21/05	-9.4	0.01	4.06	7.88	42,750
SVEW-01	245 - 260	12/07/05	-12.0	0.02	4.08	9.04	17,046
SVEW-01	245 - 260	01/20/06	-14	0.03	3.94	10.30	35,190
SVEW-01	245 - 260	02/23/06	-15.2	0.02	3.92	9.34	31,050
SVEW-01	245 - 260	03/31/06	-7.6	0.13	5.62	7.50	44,640
SVEW-01	245 - 260	04/11/06	-9.0	0.17	5.30	8.96	48,690
SVEW-01	245 - 260	05/31/06	-8.6	7.43	26.88	8.60	34,080
SVEW-01	245 - 260	06/29/06	-3.7	0.15	6.24	7.80	49,140
SVEW-01	245 - 260	07/12/06	-3.1	0.16	6.24	7.78	47,340
SVEW-01	245 - 260	08/09/06	-4.1	0.16	6.46	7.24	48,600
SVEW-01	245 - 260	08/21/06	-2.0	0.18	7.36	5.80	31,770
SVEW-01	245 - 260	09/21/06	-5.7	0.18	5.94	9.00	53,370
SVEW-01	245 - 260	10/27/06	-9	0.17	5.10	11.78	39,420
SVEW-01	245 - 260	11/16/06	-13	0.17	4.92	13.08	46,080
SVEW-01	245 - 260	12/11/06	-23	0.15	6.30	10.74	26,100
SVEW-01	245 - 260	01/05/07	-6.5	0.11	5.62	10.12	33,390
SVEW-01	245 - 260	03/02/07	-11.5	0.13	5.92	9.36	30,330

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 17 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVEW-01	245 - 260	03/16/07	-15	0.16	5.84	9.32	43,020
SVEW-01	245 - 260	04/30/07	-15	0.17	6.20	8.66	35,820
SVEW-01	245 - 260	05/18/07	-17	0.16	5.80	9.46	45,540
SVEW-01	245 - 260	06/29/07	-2.5	0.18	6.52	8.40	39,240
SVEW-01	245 - 260	08/22/07	-8.00	0.17	6.28	8.84	40,680
SVEW-01	245 - 260	09/28/07	-6.2	0.16	6.10	10.12	37,530
SVEW-02	45 - 60	07/16/04	--	0.02	6.66	11.30	19,800
SVEW-02	45 - 60	07/23/04	-0.14	0.05	13.84	0.58	18,540
SVEW-02	45 - 60	07/30/04	0.15	0.05	13.56	0.88	18,810
SVEW-02	45 - 60	08/10/04	0.2	0.05	14.08	0.52	18,990
SVEW-02	45 - 60	08/19/04	-0.12	0.04	13.86	0.72	19,620
SVEW-02	45 - 60	09/02/04	atm	0.06	14.34	0.66	21,240
SVEW-02	45 - 60	09/08/04	-0.17	--	--	--	--
SVEW-02	45 - 60	09/21/04	-0.1	0.06	14.22	0.72	19,710
SVEW-02	45 - 60	09/28/04	-0.26	--	--	--	--
SVEW-02	45 - 60	11/17/04	0.25	0.05	13.58	1.98	22,500
SVEW-02	45 - 60	03/22/05	-0.16	0.05	15.60	0.24	25,470
SVEW-02	45 - 60	07/06/05	-0.4	0.01	1.28	19.12	2,600
SVEW-02	45 - 60	08/11/05	-0.12	0.05	15.01	0.50	17,820
SVEW-02	45 - 60	09/20/05	-3.0	0.06	15.34	5.86	16,560
SVEW-02	45 - 60	10/13/05	0.24	0.06	15.24	0.84	16,740
SVEW-02	45 - 60	11/21/05	atm	0.03	13.82	1.54	12,900
SVEW-02	45 - 60	12/07/05	-0.74	0.04	13.46	2.52	16,290
SVEW-02	45 - 60	01/20/06	0.50	--	--	--	--
SVEW-02	45 - 60	02/23/06	-1.9	--	--	--	--
SVEW-02	45 - 60	03/31/06	0.16	0.03	4.82	15.18	12,780
SVEW-02	45 - 60	04/11/06	0.42	0.06	8.40	10.26	18,720
SVEW-02	45 - 60	05/31/06	-0.2	0.04	3.06	16.94	9,300
SVEW-02	45 - 60	06/29/06	-0.06	0.01	3.02	16.38	6,150
SVEW-02	45 - 60	07/12/06	-0.08	0.01	1.80	18.14	4,740
SVEW-02	45 - 60	08/09/06	-0.22	0.02	4.20	14.66	6,960
SVEW-02	45 - 60	08/21/06	-0.29	0.07	12.78	3.00	12,690
SVEW-02	45 - 60	09/21/06	0.06	0.04	5.26	12.22	8,330
SVEW-02	45 - 60	10/27/06	0.05	0.02	2.20	17.86	4,530
SVEW-02	45 - 60	11/16/06	0.35	0.04	7.34	10.82	9,350
SVEW-02	45 - 60	12/11/06	0.05	0.01	2.92	15.62	5,130
SVEW-02	45 - 60	01/04/07	0.32	0.04	8.98	7.26	9,430
SVEW-02	45 - 60	03/02/07	atm	0.11	10.90	3.80	27,000
SVEW-02	45 - 60	03/16/07	atm	0.17	13.08	1.94	33,300
SVEW-02	45 - 60	04/30/07	atm	0.19	1.04	19.56	15,858
SVEW-02	45 - 60	05/18/07	-1.5	0.06	9.92	7.42	13,545
SVEW-02	45 - 60	06/29/07	atm	0.08	1.86	17.50	15,651
SVEW-02	45 - 60	08/22/07	atm	0.09	12.12	2.80	15,660
SVEW-02	45 - 60	09/28/07	0.03	0.10	14.78	1.74	19,080
SVEW-03	145 - 160	07/16/04	--	0.05	8.18	0.30	11,610
SVEW-03	145 - 160	07/23/04	-1.5	0.05	8.30	0.20	11,475
SVEW-03	145 - 160	07/30/04	0.2	0.05	8.14	0.58	10,881
SVEW-03	145 - 160	08/10/04	-1.8	0.06	8.56	0.20	18,630
SVEW-03	145 - 160	08/19/04	-0.08	0.05	8.50	0.22	12,474
SVEW-03	145 - 160	09/02/04	-0.43	0.05	8.32	0.26	12,924
SVEW-03	145 - 160	09/08/04	-1.8	--	--	--	--
SVEW-03	145 - 160	09/21/04	-0.32	0.05	8.34	0.62	12,870

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 18 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVEW-03	145 - 160	09/28/04	-2.4	--	--	--	--
SVEW-03	145 - 160	11/17/04	0.38	0.05	8.02	1.76	13,680
SVEW-03	145 - 160	03/22/05	-0.98	0.05	8.46	0.58	13,806
SVEW-03	145 - 160	07/06/05	-1.8	0.06	8.26	1.98	17,910
SVEW-03	145 - 160	08/11/05	0.19	0.06	9.12	0.22	17,280
SVEW-03	145 - 160	09/20/05	-0.26	0.08	9.82	5.34	20,160
SVEW-03	145 - 160	10/13/05	-12.4	0.09	12.24	0.62	21,420
SVEW-03	145 - 160	11/21/05	-1.4	0.06	11.34	1.26	21,250
SVEW-03	145 - 160	12/07/05	0.13	0.05	9.24	1.02	23,950
SVEW-03	145 - 160	01/20/06	0.83	0.05	8.14	1.98	21,780
SVEW-03	145 - 160	02/23/06	-2.0	0.04	5.66	7.70	22,050
SVEW-03	145 - 160	03/31/06	-0.84	0.00	0.10	22.08	696
SVEW-03	145 - 160	04/11/06	1.5	0.02	0.34	11.90	6,650
SVEW-03	145 - 160	05/31/06	-2.8	0.02	2.72	17.90	6,200
SVEW-03	145 - 160	06/29/06	-1.5	0.01	0.14	21.90	153
SVEW-03	145 - 160	07/12/06	-0.73	0.01	0.56	21.00	1,224
SVEW-03	145 - 160	08/09/06	-1.9	0.01	1.28	18.08	1,519
SVEW-03	145 - 160	08/21/06	-1.8	0.09	10.62	1.80	13,365
SVEW-03	145 - 160	09/21/06	0.28	0.03	4.64	9.30	5,340
SVEW-03	145 - 160	10/25/06	-0.4	0.02	3.12	14.58	4,330
SVEW-03	145 - 160	11/16/06	0.66	0.01	1.50	19.18	1,621
SVEW-03	145 - 160	12/11/06	0.64	0.02	3.58	13.30	2,960
SVEW-03	145 - 160	01/04/07	1.6	0.02	3.38	14.34	4,350
SVEW-03	145 - 160	02/28/07	0.92	0.02	6.08	6.62	6,080
SVEW-03	145 - 160	03/16/07	-2.5	0.02	4.52	12.42	7,000
SVEW-03	145 - 160	04/30/07	-0.19	0.02	0.44	20.40	488
SVEW-03	145 - 160	05/18/07	1.0	0.02	5.56	12.88	7,620
SVEW-03	145 - 160	06/29/07	-1.3	0.06	2.40	17.86	17,145
SVEW-03	145 - 160	08/22/07	0.20	0.04	6.02	7.76	8,510
SVEW-03	145 - 160	09/28/07	1.3	0.02	3.14	15.64	4,540
SVEW-04	298 - 313	07/16/04	--	0.04	0.78	15.80	19,980
SVEW-04	298 - 313	07/23/04	-1.5	0.04	0.84	16.02	20,520
SVEW-04	298 - 313	07/30/04	0.30	0.05	0.88	16.00	20,070
SVEW-04	298 - 313	08/10/04	-1.8	0.04	0.98	15.36	20,520
SVEW-04	298 - 313	08/19/04	-0.01	0.01	0.12	20.44	21,240
SVEW-04	298 - 313	09/02/04	-0.55	0.05	1.22	15.44	20,610
SVEW-04	298 - 313	09/08/04	-2.0	--	--	--	--
SVEW-04	298 - 313	09/21/04	-0.14	0.04	0.92	15.60	17,910
SVEW-04	298 - 313	09/23/04	-5.0	0.04	0.78	15.64	25,200
SVEW-04	298 - 313	09/28/04	-6.6	0.04	0.76	15.88	25,380
SVEW-04	298 - 313	11/17/04	-18	0.04	0.68	16.20	24,750
SVEW-04	298 - 313	03/22/05	-19	0.04	0.62	15.86	23,130
SVEW-04	298 - 313	07/06/05	-1.8	--	--	--	--
SVEW-04	298 - 313	08/11/05	0.32	0.03	1.44	14.84	16,560
SVEW-04	298 - 313	09/20/05	-3.0	0.01	4.62	17.08	2,110
SVEW-04	298 - 313	10/13/05	-2.1	0.01	4.56	15.14	1,872
SVEW-04	298 - 313	11/21/05	-2.8	0.02	4.06	15.32	12,450
SVEW-04	298 - 313	12/07/05	-1.0	0.03	1.12	17.10	16,150
SVEW-04	298 - 313	01/20/06	0.08	--	--	--	--
SVEW-04	298 - 313	02/23/06	-1.6	--	--	--	--
SVEW-04	298 - 313	03/31/06	-7.8	0.08	1.20	16.70	23,490
SVEW-04	298 - 313	04/11/06	-10.0	0.01	3.80	20.02	4,880

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 19 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVEW-04	298 - 313	05/31/06	-8.6	2.03	6.94	15.92	41,130
SVEW-04	298 - 313	06/29/06	-3.8	0.11	1.04	16.24	24,480
SVEW-04	298 - 313	07/12/06	-3.2	0.12	1.10	16.26	23,670
SVEW-04	298 - 313	08/09/06	-4.2	0.11	1.02	15.48	24,570
SVEW-04	298 - 313	08/21/06	-1.9	0.09	1.06	16.58	18,000
SVEW-04	298 - 313	09/21/06	-5.7	0.12	1.04	16.58	28,620
SVEW-04	298 - 313	10/27/06	-10	0.10	1.10	16.68	37,980
SVEW-04	298 - 313	11/16/06	-17	0.14	1.02	15.98	50,670
SVEW-04	298 - 313	12/11/06	>-30	0.07	0.60	19.22	16,668
SVEW-04	298 - 313	01/05/07	-7.6	0.08	1.22	15.68	28,440
SVEW-04	298 - 313	03/02/07	-12	0.11	1.20	15.00	28,710
SVEW-04	298 - 313	03/16/07	-13	0.07	0.70	17.68	21,690
SVEW-04	298 - 313	04/30/07	-14	0.12	1.24	14.96	16,038
SVEW-04	298 - 313	05/22/07	-17.5	0.15	5.72	10.44	40,680
SVEW-04	298 - 313	06/29/07	-2.5	0.07	0.78	16.54	14,769
SVEW-04	298 - 313	08/22/07	-7.80	0.10	0.98	15.48	21,060
SVEW-04	298 - 313	09/28/07	-6.3	0.08	0.90	15.84	19,170
SVEW-05	445 - 460	07/16/04	--	0.03	0.90	15.20	20,880
SVEW-05	445 - 460	07/23/04	-1.5	0.03	1.00	14.08	19,800
SVEW-05	445 - 460	07/30/04	0.32	0.04	1.02	14.56	18,450
SVEW-05	445 - 460	08/10/04	-1.8	0.04	1.68	13.08	18,630
SVEW-05	445 - 460	08/19/04	0.00	0.04	0.80	14.54	22,050
SVEW-05	445 - 460	09/02/04	-0.54	0.04	0.88	14.76	21,690
SVEW-05	445 - 460	09/08/04	-2.0	--	--	--	--
SVEW-05	445 - 460	09/21/04	-0.13	0.03	1.88	11.82	22,500
SVEW-05	445 - 460	09/23/04	-4.9	0.04	1.30	11.10	29,880
SVEW-05	445 - 460	09/28/04	-6.6	0.03	1.16	10.04	34,470
SVEW-05	445 - 460	11/17/04	-15	0.03	2.00	8.66	38,430
SVEW-05	445 - 460	03/22/05	-18	--	--	--	--
SVEW-05	445 - 460	07/06/05	-1.7	--	--	--	--
SVEW-05	445 - 460	08/11/05	-3.0	0.03	4.52	5.62	48,780
SVEW-05	445 - 460	09/20/05	-4.0	0.02	4.18	10.50	56,700
SVEW-05	445 - 460	10/13/05	-13	0.05	4.64	6.36	45,180
SVEW-05	445 - 460	11/21/05	-9.4		3.04	9.38	50,490
SVEW-05	445 - 460	12/07/05	-12.0	--	--	--	--
SVEW-05	445 - 460	01/20/06	-14	--	--	--	--
SVEW-05	445 - 460	02/23/06	-15.5	0.03	0.86	15.12	26,280
SVEW-05	445 - 460	03/31/06	-7.8	0.09	4.50	4.59	63,450
SVEW-05	445 - 460	04/11/06	-9.0	0.15	3.82	12.76	22,410
SVEW-05	445 - 460	05/31/06	-8.6	8.43	27.92	9.06	100,980
SVEW-05	445 - 460	06/29/06	-3.8	0.12	3.96	9.24	60,390
SVEW-05	445 - 460	07/12/06	-3.1	0.15	3.94	12.26	36,630
SVEW-05	445 - 460	08/09/06	-4.1	0.15	6.14	8.60	37,530
SVEW-05	445 - 460	08/21/06	-2.1	--	--	--	--
SVEW-05	445 - 460	09/21/06	-5.8	0.15	5.82	8.64	73,890
SVEW-05	445 - 460	10/27/06	-10	0.16	4.10	12.64	52,380
SVEW-05	445 - 460	11/16/06	-9	0.15	6.24	15.10	36,180
SVEW-05	445 - 460	12/11/06	atm	0.05	2.04	15.54	13,734
SVEW-05	445 - 460	01/05/07	atm	0.11	6.32	4.24	43,470
SVEW-05	445 - 460	03/02/07	0.04	0.13	7.42	4.08	34,110
SVEW-05	445 - 460	03/16/07	-2.4	0.00	0.16	20.40	1,379
SVEW-05	445 - 460	04/30/07	-0.32	0.01	0.30	18.36	3,380

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 20 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVEW-05	445 - 460	05/22/07	-3.4	0.08	0.82	16.36	22,590
SVEW-05	445 - 460	06/29/07	atm	0.05	0.32	19.98	11,925
SVEW-05	445 - 460	08/22/07	-0.20	0.05	1.86	15.42	34,920
SVEW-05	445 - 460	09/28/07	1.2	0.01	1.70	14.46	3,280
SVEW-06	45 - 60	07/16/04	--	0.03	10.82	1.78	5,229
SVEW-06	45 - 60	07/23/04	-0.12	0.03	11.78	0.22	5,390
SVEW-06	45 - 60	07/30/04	0.22	0.03	9.84	2.52	5,700
SVEW-06	45 - 60	08/10/04	0.22	0.02	12.06	0.26	5,010
SVEW-06	45 - 60	08/19/04	-0.12	0.03	11.66	0.52	6,520
SVEW-06	45 - 60	09/02/04	0.04	0.04	12.32	0.20	5,290
SVEW-06	45 - 60	09/08/04	-0.14	--	--	--	--
SVEW-06	45 - 60	09/21/04	-0.07	0.03	11.20	1.58	6,590
SVEW-06	45 - 60	11/17/04	0.26	0.02	11.20	2.28	5,958
SVEW-06	45 - 60	03/22/05	-0.6	0.03	13.10	0.42	6,210
SVEW-06	45 - 60	07/06/05	atm	--	--	--	--
SVEW-06	45 - 60	08/11/05	0.32	0.03	12.01	0.70	8,840
SVEW-06	45 - 60	09/20/05	-0.62	0.02	12.70	6.62	5,240
SVEW-06	45 - 60	10/13/05	-0.22	0.01	12.72	1.10	6,120
SVEW-06	45 - 60	11/21/05	-3.4	0.02	9.20	5.02	19,350
SVEW-06	45 - 60	12/07/05	2.0	--	--	--	--
SVEW-06	45 - 60	01/20/06	0.44	--	--	--	--
SVEW-06	45 - 60	02/23/06	-2.1	--	--	--	--
SVEW-06	45 - 60	03/31/06	0.18	0.02	4.90	13.80	5,080
SVEW-06	45 - 60	04/11/06	0.45	0.02	8.16	9.00	3,800
SVEW-06	45 - 60	05/31/06	-0.15	0.01	2.12	18.34	1,201
SVEW-06	45 - 60	06/29/06	-0.04	0.01	1.96	17.60	1,133
SVEW-06	45 - 60	07/12/06	-0.09	0.01	1.42	18.76	880
SVEW-06	45 - 60	08/09/06	-0.19	0.01	2.64	16.14	1,207
SVEW-06	45 - 60	08/21/06	-0.24	0.02	11.20	3.00	3,410
SVEW-06	45 - 60	09/21/06	0.06	0.02	5.12	12.84	2,340
SVEW-06	45 - 60	10/27/06	0.06	0.01	1.56	18.42	755
SVEW-06	45 - 60	11/16/06	0.7	0.02	6.78	10.24	1,953
SVEW-06	45 - 60	12/11/16	0.05	0.01	3.00	15.34	1,158
SVEW-06	45 - 60	01/04/07	0.29	0.02	8.24	8.16	2,000
SVEW-06	45 - 60	02/28/07	0.2	0.02	8.14	8.18	3,130
SVEW-06	45 - 60	03/16/07	atm	0.01	2.58	16.54	729
SVEW-06	45 - 60	04/30/07	0.11	0.02	7	10.06	1,688
SVEW-06	45 - 60	05/18/07	0.10	0.02	5.06	12.44	1,292
SVEW-06	45 - 60	06/29/07	-0.05	0.01	4.30	11.84	1,103
SVEW-06	45 - 60	08/22/07	0.40	0.02	5.58	11.50	1,615
SVEW-06	45 - 60	09/28/07	0.46	0.02	7.72	8.52	2,180
SVEW-07	145 - 160	07/16/04	--	0.14	6.94	2.94	26,550
SVEW-07	145 - 160	07/23/04	-1.5	0.13	7.22	2.42	28,080
SVEW-07	145 - 160	07/30/04	0.19	0.14	5.92	3.72	31,230
SVEW-07	145 - 160	08/10/04	-1.6	0.14	8.14	1.74	24,030
SVEW-07	145 - 160	08/19/04	-0.14	0.13	6.52	3.38	28,080
SVEW-07	145 - 160	09/02/04	-0.38	0.16	7.72	2.42	25,110
SVEW-07	145 - 160	09/08/04	-1.8	--	--	--	--
SVEW-07	145 - 160	09/21/04	-0.34	0.12	5.66	4.24	32,580
SVEW-07	145 - 160	11/17/04	0.36	0.04	1.78	14.70	24,030
SVEW-07	145 - 160	03/22/05	-22	--	--	--	--
SVEW-07	145 - 160	07/06/05	-12.0	--	--	--	--

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 21 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVEW-07	145 - 160	08/11/05	-7.4	--	--	--	--
SVEW-07	145 - 160	09/20/05	-6.90	--	--	--	--
SVEW-07	145 - 160	10/13/05	-5.7	--	--	--	--
SVEW-07	145 - 160	11/21/05	-3.3	--	--	--	--
SVEW-07	145 - 160	01/20/06	1.0	--	--	--	--
SVEW-07	145 - 160	02/23/06	0.38	--	--	--	--
SVEW-07	145 - 160	03/31/06	-0.82	0.01	0.36	20.90	1,350
SVEW-07	145 - 160	04/11/06	1.6	0.04	2.42	14.60	8,160
SVEW-07	145 - 160	05/31/06	-2.8	0.00	6.48	20.06	761
SVEW-07	145 - 160	06/29/06	-1.5	0.00	0.06	20.88	63
SVEW-07	145 - 160	07/12/06	-0.7	0.00	0.20	20.78	209
SVEW-07	145 - 160	08/09/06	-1.9	0.01	0.36	20.50	218
SVEW-07	145 - 160	08/21/06	-1.8	0.11	7.50	6.16	10,764
SVEW-07	145 - 160	09/21/06	0.33	0.07	3.56	12.58	8,860
SVEW-07	145 - 160	10/27/06	-0.39	0.00	0.62	20.76	333
SVEW-07	145 - 160	11/16/06	0.38	0.01	0.76	19.02	885
SVEW-07	145 - 160	12/11/06	0.61	0.03	2.42	14.54	3,110
SVEW-07	145 - 160	01/04/07	1.7	0.03	2.16	16.00	4,050
SVEW-07	145 - 160	02/28/07	0.91	0.09	4.24	11.36	12,852
SVEW-07	145 - 160	03/16/07	-2.4	0.01	0.42	20.62	274
SVEW-07	145 - 160	04/30/07	-0.22	0.02	0.8	18.42	1,803
SVEW-07	145 - 160	05/18/07	-8.0	0.01	0.38	20.88	183
SVEW-07	145 - 160	06/29/07	-1.30	0.01	0.36	20.52	1,265
SVEW-07	145 - 160	08/22/07	0.70	0.05	3.84	11.60	5,180
SVEW-07	145 - 160	09/28/07	1.2	0.21	7.72	6.22	21,060
SVEW-08	245 - 260	07/16/04	--	0.01	0.58	18.96	18,630
SVEW-08	245 - 260	07/23/04	-12.2	0.03	1.42	15.52	21,240
SVEW-08	245 - 260	07/30/04	-9.0	0.04	1.30	14.98	29,880
SVEW-08	245 - 260	08/10/04	-13.5	0.05	1.98	13.68	24,570
SVEW-08	245 - 260	08/17/04	na	0.02	0.90	16.52	21,060
SVEW-08	245 - 260	08/19/04	-9.8	0.04	1.18	15.54	25,650
SVEW-08	245 - 260	09/02/04	-10.0	0.04	1.76	14.34	23,040
SVEW-08	245 - 260	09/08/04	-12.5	--	--	--	--
SVEW-08	245 - 260	09/21/04	-13.0	0.05	2.62	11.29	31,860
SVEW-08	245 - 260	09/23/04	-5.1	0.07	4.88	7.34	28,710
SVEW-08	245 - 260	09/28/04	-6.8	0.08	5.38	7.50	30,870
SVEW-08	245 - 260	11/17/04	-17	0.02	0.70	11.34	40,320
SVEW-08	245 - 260	03/22/05	-18	--	--	--	--
SVEW-08	245 - 260	07/06/05	-1.6	--	--	--	--
SVEW-08	245 - 260	08/11/05	-3.0	0.03	0.94	14.82	16,407
SVEW-08	245 - 260	09/20/05	-3.8	0.04	2.96	14.20	21,870
SVEW-08	245 - 260	10/13/05	-13	0.05	1.68	11.50	28,080
SVEW-08	245 - 260	11/21/05	-8.8	0.02	4.10	10.86	14,850
SVEW-08	245 - 260	12/07/05	-13.2	0.02	1.52	16.44	33,650
SVEW-08	245 - 260	01/20/06	-15.5	0.03	3.20	10.08	25,920
SVEW-08	245 - 260	02/23/06	-15.5	0.02	4.66	6.56	26,640
SVEW-08	245 - 260	03/31/06	-7.8	0.05	4.66	12.34	15,840
SVEW-08	245 - 260	04/11/06	-10.5	0.07	4.02	11.92	19,530
SVEW-08	245 - 260	05/31/06	-8.6	0.23	8.82	12.00	17,532
SVEW-08	245 - 260	06/29/06	-3.9	0.05	5.92	10.56	14,535
SVEW-08	245 - 260	07/12/06	-3.1	0.05	6.08	10.50	13,140
SVEW-08	245 - 260	08/09/06	-4.2	0.04	6.24	10.82	7,983

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 22 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
SVEW-08	245 - 260	08/21/06	-1.9	0.03	7.32	9.72	8,964
SVEW-08	245 - 260	09/21/06	-5.8	0.08	6.26	10.22	18,990
SVEW-08	245 - 260	10/27/06	-12	0.14	3.24	10.22	45,900
SVEW-08	245 - 260	11/16/06	-17	0.10	1.04	17.38	38,430
SVEW-08	245 - 260	12/11/06	0.63	0.05	2.66	10.96	13,905
SVEW-08	245 - 260	01/05/07	-6.8	0.01	3.90	11.14	25,380
SVEW-08	245 - 260	02/28/07	-11.5	0.13	3.70	8.24	30,600
SVEW-08	245 - 260	03/16/07	-14	0.05	1.58	15.20	16,884
SVEW-08	245 - 260	04/30/07	-14	0.08	2.7	12.28	14,040
SVEW-08	245 - 260	05/18/07	-19	0.10	2.68	12.90	19,080
SVEW-08	245 - 260	06/29/07	-2.40	0.01	0.94	15.72	4,600
SVEW-08	245 - 260	08/22/07	-8.00	0.12	2.86	10.14	27,720
SVEW-08	245 - 260	09/28/07	-6.2	0.11	3.10	9.40	26,820
SVEW-09	435 - 450	07/16/04	--	0.02	0.76	15.20	20,610
SVEW-09	435 - 450	07/23/04	-1.5	0.03	1.08	13.52	21,330
SVEW-09	435 - 450	07/30/04	0.26	0.03	0.94	14.56	21,330
SVEW-09	435 - 450	08/10/04	-1.8	0.04	1.38	11.68	26,190
SVEW-09	435 - 450	08/19/04	-0.04	0.03	1.00	14.24	19,980
SVEW-09	435 - 450	09/02/04	-0.55	0.04	0.96	13.88	22,140
SVEW-09	435 - 450	09/08/04	-2.0	--	--	--	--
SVEW-09	435 - 450	09/21/04	-0.26	0.03	1.46	10.82	22,860
SVEW-09	435 - 450	09/23/04	-5.0	0.03	0.54	12.88	33,480
SVEW-09	435 - 450	09/28/04	-6.8	0.03	0.40	13.08	33,390
SVEW-09	435 - 450	11/17/04	-17	0.03	0.50	11.76	40,050
SVEW-09	435 - 450	03/22/05	-20	0.00	1.54	5.14	46,890
SVEW-09	435 - 450	07/06/05	-2.0	--	--	--	--
SVEW-09	435 - 450	08/11/05	-3.0	0.04	1.28	9.74	33,030
SVEW-09	435 - 450	09/20/05	-3.5	0.04	3.40	11.68	32,490
SVEW-09	435 - 450	10/13/05	-12.5	0.06	1.79	9.60	40,950
SVEW-09	435 - 450	11/21/05	-8.2	0.02	2.00	10.00	24,500
SVEW-09	435 - 450	12/07/05	-12.8	0.03	2.66	13.80	25,020
SVEW-09	435 - 450	01/20/06	-15.5	0.03	3.54	9.56	42,840
SVEW-09	435 - 450	02/23/06	-15.5	0.02	4.62	6.28	29,610
SVEW-09	435 - 450	03/31/06	-7.6	0.11	2.88	8.06	36,450
SVEW-09	435 - 450	04/11/06	-9.6	0.13	2.24	10.92	34,560
SVEW-09	435 - 450	05/31/06	-8.6	5.08	13.12	10.14	67,140
SVEW-09	435 - 450	06/29/06	-3.9	0.13	2.60	8.88	39,060
SVEW-09	435 - 450	07/12/06	-3.1	0.13	2.58	8.78	37,800
SVEW-09	435 - 450	08/09/06	-4.2	0.14	2.70	8.90	38,340
SVEW-09	435 - 450	08/21/06	-2.0	0.06	4.98	12.10	10,872
SVEW-09	435 - 450	09/21/06	-5.50	0.13	2.28	9.96	41,220
SVEW-09	435 - 450	10/27/06	-12	0.13	2.68	10.18	48,870
SVEW-09	435 - 450	11/16/06	-17.2	0.14	2.02	12.08	48,150
SVEW-09	435 - 450	12/11/06	0.63	0.05	2.66	10.96	13,905
SVEW-09	435 - 450	01/04/07	1.6	0.01	2.32	13.50	6,320
SVEW-09	435 - 450	02/28/07	0.83	0.14	3.72	7.82	31,050
SVEW-09	435 - 450	03/16/07	-3.4	0.11	3.34	8.78	26,100
SVEW-09	435 - 450	04/30/07	-1.3	0.04	1.22	16.92	11,070
SVEW-09	435 - 450	05/18/07	-2	0.12	3.00	8.68	31,680
SVEW-09	435 - 450	06/29/07	-1.90	0.00	0.04	20.62	39
SVEW-09	435 - 450	08/22/07	-1.40	0.13	3.08	8.48	32,850
SVEW-09	435 - 450	09/28/07	-0.38	0.12	3.00	9.38	29,160

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 23 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
Vapor Treatment Parameters							
Vapor Treatment Influent		07/16/04	--	0.01	3.58	8.00	48,240
Vapor Treatment Influent		07/23/04	-13.0	0.00	3.50	7.28	49,140
Vapor Treatment Influent		07/30/04	-9.2	0.02	3.36	8.18	53,280
Vapor Treatment Influent		08/10/04	-14.0	0.01	3.42	7.98	47,340
Vapor Treatment Influent		08/17/04	na	0.01	3.42	8.40	43,650
Vapor Treatment Influent		08/19/04	-10.0	0.01	3.68	7.08	52,650
Vapor Treatment Influent		08/25/04	na	0.02	3.72	7.58	51,750
Vapor Treatment Influent		09/02/04	~ -10.5	0.02	3.80	8.12	53,640
Vapor Treatment Influent		09/21/04	-14.0	0.04	2.16	11.76	33,120
Vapor Treatment Influent		09/23/04	-6.0	0.04	1.98	11.98	41,130
Vapor Treatment Influent		09/28/04	-8.0	0.04	1.86	12.38	35,820
Vapor Treatment Influent		11/16/04	--	0.04	0.72	15.72	31,050
Vapor Treatment Influent		11/17/04	--	0.05	6.68	7.02	20,790
Vapor Treatment Influent		11/23/04	--	0.04	0.92	15.06	30,330
Vapor Treatment Influent		01/13/05	--	0.04	0.66	15.64	26,730
Vapor Treatment Influent		03/22/05	-30	0.04	0.56	15.90	20,700
Vapor Treatment Influent		03/29/05	--	0.02	0.46	17.60	15,714
Vapor Treatment Influent		05/04/05	--	0.04	2.60	15.36	28,080
Vapor Treatment Influent		05/10/05	--	0.05	3.52	11.02	17,136
Vapor Treatment Influent		05/17/05	-8	0.04	2.86	12.14	20,520
Vapor Treatment Influent		06/09/05	--	0.05	2.94	11.26	21,600
Vapor Treatment Influent		06/22/05	--	0.06	6.66	4.34	17,640
Vapor Treatment Influent		08/11/05	-3.3	0.05	3.42	8.36	40,590
Vapor Treatment Influent		09/20/05	-3.8	0.02	4.36	10.58	43,560
Vapor Treatment Influent		10/11/05	--	0.06	1.76	17.34	47,880
Vapor Treatment Influent		10/13/05	-14	0.08	3.42	10.38	39,330
Vapor Treatment Influent		11/21/05	-12.5	0.02	3.96	9.02	38,610
Vapor Treatment Influent		12/07/05	-17	0.02	4.42	8.54	43,920
Vapor Treatment Influent		01/20/06	-24.2	0.04	3.12	12.36	29,520
Vapor Treatment Influent		02/23/06	-23	0.02	3.60	10.88	37,350
Vapor Treatment Influent		03/31/06	-21	0.12	3.00	12.90	29,340
Vapor Treatment Influent		04/04/06	--	0.12	3.28	13.22	36,240
Vapor Treatment Influent		04/11/06	-24.0	0.13	3.50	13.46	31,590
Vapor Treatment Influent		05/31/06	-20.5	3.69	13.46	13.18	59,490
Vapor Treatment Influent		06/29/06	-7.4	0.15	3.28	12.76	34,920
Vapor Treatment Influent		07/12/06	-6.0	0.17	3.46	12.18	37,440
Vapor Treatment Influent		08/09/06	-4.8	0.15	3.52	12.38	38,700
Vapor Treatment Influent		09/21/06	-8.6	0.16	3.50	12.00	36,000
Vapor Treatment Influent		10/27/06	-18	0.11	1.94	15.72	29,070
Vapor Treatment Influent		11/16/06	>-30	0.11	1.60	15.56	36,540
Vapor Treatment Influent		12/11/06	>-30	0.07	0.78	18.38	21,960
Vapor Treatment Influent		12/29/06	--	0.12	4.12	13.28	29,880
Vapor Treatment Influent		01/04/07	-18.5	0.15	4.32	12.98	50,580
Vapor Treatment Influent		02/28/07	-25	0.16	5.08	10.90	45,360
Vapor Treatment Influent		03/16/07	-26	0.12	3.76	13.28	36,810
Vapor Treatment Influent		03/30/07	--	0.06	3.02	15.12	28,350
Vapor Treatment Influent		04/30/07	-16	0.16	4.94	11.28	48,780
Vapor Treatment Influent		05/18/07	-23	0.16	5.18	10.86	32,652
Vapor Treatment Influent		06/29/07	3.00	0.08	2.42	15.72	21,690
Vapor Treatment Influent		08/22/07	-19.00	0.14	3.50	12.76	31,410
Vapor Treatment Influent		09/28/07	-12	0.14	3.70	12.86	29,250

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 24 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
E1 Pre Cat A		08/17/04	--	0.42	11.68	1.12	157
E1 Pre Cat A		08/19/04	--	0.44	11.92	1.12	112
E1 Pre Cat A		09/02/04	--	0.46	12.12	0.84	241
E1 Pre Cat A		09/21/04	--	0.55	11.78	1.72	150
E1 Pre Cat A		11/16/04	--	0.42	11.38	1.70	423
E1 Pre Cat A		05/04/05	--	0.52	11.66	1.28	562
E1 Pre Cat A		10/13/05	10	0.50	12.06	1.92	215
E1 Pre Cat A		11/21/05	8.0	0.55	11.54	1.82	263
E1 Pre Cat A		12/07/05	9.0	0.58	12.00	1.36	391
E1 Pre Cat A		01/20/06	1.4	0.60	12.04	1.42	307
E1 Pre Cat A		02/23/06	--	0.46	11.96	1.60	181
E1 Pre Cat A		03/31/06	--	0.66	12.22	1.56	670
E1 Pre Cat A		04/11/06	10.0	0.68	12.72	1.46	508
E1 Pre Cat A		05/31/06	13.5	1.68	19.36	1.40	535
E1 Pre Cat A		06/29/06	-11.0	0.59	12.92	1.52	338
E1 Pre Cat A		07/12/06	12	0.63	12.84	1.48	398
E1 Pre Cat A		08/09/06	16	0.57	12.74	1.60	337
E1 Pre Cat A		09/21/06	10.3	0.55	12.98	1.52	290
E1 Pre Cat A		10/25/06	13	0.47	13.32	1.46	211
E1 Pre Cat A		11/16/07	12	0.42	12.66	1.14	149
E1 Pre Cat A		12/11/07	6.6	0.42	13.00	1.74	171
E1 Pre Cat A		01/04/07	8.5	0.43	14.06	1.30	101
E1 Pre Cat A		02/28/07	10	0.60	13.60	1.74	242
E1 Pre Cat A		03/16/07	10	0.47	11.00	5.28	271
E1 Pre Cat A		04/30/07	11	0.66	11.14	4.88	726
E1 Pre Cat A		05/18/07	12	0.86	11.42	4.46	801
E1 Pre Cat A		06/29/07	5.60	0.39	11.18	4.18	292
E1 Pre Cat A		08/22/07	9.20	0.77	9.84	5.66	1,015
E1 Pre Cat A		09/28/07	7.2	0.78	11.12	4.16	1,578
E1 Pre Cat B		08/17/04	--	0.38	11.96	0.66	122
E1 Pre Cat B		08/19/04	--	0.28	8.54	6.80	105
E1 Pre Cat B		09/02/04	--	0.43	12.06	1.06	161
E1 Pre Cat B		09/21/04	--	0.29	10.36	4.12	79
E1 Pre Cat B		11/16/04	--	0.38	11.02	2.36	576
E1 Pre Cat B		01/13/05	--	0.36	11.08	2.38	681
E1 Pre Cat B		03/22/05	--	0.44	11.80	1.28	314
E1 Pre Cat B		05/04/05	--	0.50	11.26	1.98	681
E1 Pre Cat B		10/13/05	8	0.52	12.00	2.06	406
E1 Pre Cat B		11/21/05	9.0	0.48	10.00	4.54	662
E1 Pre Cat B		12/07/05	9.8	0.56	11.98	1.58	246
E1 Pre Cat B		01/20/06	2.9	0.54	11.92	1.74	375
E1 Pre Cat B		02/23/06	--	0.48	11.82	1.78	238
E1 Pre Cat B		03/31/06	--	0.64	12.34	1.58	479
E1 Pre Cat B		04/11/06	10.0	0.63	12.56	1.68	554
E1 Pre Cat B		05/31/06	11	1.23	19.24	1.46	776
E1 Pre Cat B		06/29/06	-9	0.54	13.06	1.48	273
E1 Pre Cat B		07/12/06	11.5	0.61	12.96	1.44	399
E1 Pre Cat B		08/09/06	14	0.58	12.70	1.64	462
E1 Pre Cat B		09/21/06	10.3	0.54	12.56	2.00	376
E1 Pre Cat B		10/25/06	13	0.47	13.32	1.46	211
E1 Pre Cat B		11/16/06	12	0.42	12.66	1.14	149
E1 Pre Cat B		12/11/06	6.6	0.42	13.00	1.74	171

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 25 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
E1 Pre Cat B		01/04/07	6	0.45	13.62	1.88	153
E1 Pre Cat B		02/28/07	3	0.56	12.76	2.84	402
E1 Pre Cat B		03/16/07	3.4	0.53	12.16	3.58	786
E1 Pre Cat B		04/30/07	11.8	0.67	11.48	4.30	759
E1 Pre Cat B		05/18/07	8	0.75	11.72	3.76	1,048
E1 Pre Cat B		06/29/07	4.20	0.34	9.52	6.62	592
E1 Pre Cat B		08/22/07	11.00	0.76	9.94	4.90	1,145
E1 Pre Cat B		09/28/07	9.1	0.71	10.08	5.72	1,158
E1 Post Cat		08/10/04	--	0.15	9.58	4.60	418
E1 Post Cat		08/17/04	--	0.14	9.08	5.86	65
E1 Post Cat		08/19/04	--	0.22	9.62	5.14	83
E1 Post Cat		08/25/04	--	0.17	9.82	5.32	92
E1 Post Cat		09/02/04	--	0.20	9.38	5.82	115
E1 Post Cat		09/21/04	--	0.01	13.60	4.76	8
E1 Post Cat		11/16/04	--	0.04	6.54	11.56	27
E1 Post Cat		11/23/04	--	0.03	6.14	12.16	35
E1 Post Cat		01/13/05	--	0.05	5.64	1.78	42
E1 Post Cat		03/22/05	--	0.14	8.84	6.68	254
E1 Post Cat		05/04/05	--	0.15	8.14	8.20	264
E1 Post Cat		10/13/05	1.8	0.01	7.66	9.72	12
E1 Post Cat		11/21/05	2.2	0.01	7.44	9.62	29
E1 Post Cat		12/07/05	6.0	0.01	7.46	9.70	25
E1 Post Cat		01/20/06	1.3	0.03	7.54	9.82	47
E1 Post Cat		02/23/06	--	0.07	7.88	8.70	69
E1 Post Cat		03/31/06	--	0.08	8.18	9.06	88
E1 Post Cat		04/11/06	1.4	0.13	9.54	7.14	168
E1 Post Cat		05/31/06	1	0.02	15.38	5.44	32
E1 Post Cat		06/29/06	-1.8	0.01	7.20	10.22	20
E1 Post Cat		07/12/06	1.4	0.03	7.76	9.74	20
E1 Post Cat		08/09/06	1.4	0.01	7.18	10.82	8
E1 Post Cat		09/21/06	1.5	0.02	7.46	10.58	24
E1 Post Cat		10/25/06	1.4	0.03	6.30	12.76	26
E1 Post Cat		11/16/06	1.3	0.06	0.96	11.34	28
E1 Post Cat		12/11/06	0.96	0.06	5.70	13.88	102
E1 Post Cat		01/04/07	0.74	0.09	6.88	12.40	35
E1 Post Cat		02/28/07	20	0.09	4.68	14.76	80
E1 Post Cat		03/16/07	1.2	0.08	6.52	12.46	136
E1 Post Cat		04/30/07	1.3	0.13	6.14	12.8	195
E1 Post Cat		05/18/07	1.2	0.17	6.96	11.54	269
E1 Post Cat		06/29/07	0.75	0.04	5.36	12.92	220
E1 Post Cat		08/22/07	1.50	0.37	13.92	0.20	171
E1 Post Cat		09/28/07	1.1	0.24	13.70	1.20	136
E2 Pre Cat A		08/17/04	--	0.72	10.74	0.72	1,606
E2 Pre Cat A		08/19/04	--	0.50	11.70	1.30	501
E2 Pre Cat A		09/02/04	--	0.46	11.66	1.64	872
E2 Pre Cat A		09/21/04	--	0.32	11.66	1.98	350
E2 Pre Cat A		11/16/04	--	0.72	11.30	1.62	627
E2 Pre Cat A		01/13/05	--	0.45	11.50	1.00	172
E2 Pre Cat A		08/11/05	10.0	0.44	11.08	1.20	169
E2 Pre Cat A		09/20/05	4.2	0.89	11.82	7.30	1,490
E2 Pre Cat A		10/13/05	7	0.56	11.90	1.60	550
E2 Pre Cat A		11/21/05	5.2	0.35	12.46	0.86	85

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 26 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
E2 Pre Cat A		12/07/05	8.8	0.47	12.12	1.32	224
E2 Pre Cat A		01/20/06	9.8	0.49	12.40	1.20	216
E2 Pre Cat A		02/23/06	--	0.45	12.14	1.12	201
E2 Pre Cat A		03/31/06	--	0.54	12.60	1.44	372
E2 Pre Cat A		04/11/06	>30	0.39	13.18	1.16	114
E2 Pre Cat A		05/31/06	15	1.00	19.40	1.76	256
E2 Pre Cat A		09/21/06	>30	0.48	13.40	0.96	142
E2 Pre Cat A		11/16/06	8.5	0.55	11.80	2.20	400
E2 Pre Cat A		12/11/06	5.3	0.50	12.48	2.06	466
E2 Pre Cat A		01/04/07	6.25	0.53	13.68	1.80	230
E2 Pre Cat A		02/28/07	6.3	0.58	12.50	3.38	394
E2 Pre Cat A		03/16/07	7.4	0.58	12.94	2.56	306
E2 Pre Cat A		04/30/07	8.4	0.74	11.52	4.72	763
E2 Pre Cat A		05/18/07	1.5	0.54	10.72	6.24	468
E2 Pre Cat A		08/22/07	4.80	0.55	12.52	4.64	564
E2 Pre Cat A		09/28/07	6.0	0.53	12.30	3.44	747
E2 Pre Cat B		08/17/04	--	0.33	5.50	12.00	365
E2 Pre Cat B		08/19/04	--	0.47	10.62	3.12	618
E2 Pre Cat B		09/02/04	--	0.48	11.68	1.48	714
E2 Pre Cat B		09/21/04	--	0.36	12.20	1.28	229
E2 Pre Cat B		11/16/04	--	0.80	10.80	2.82	1,503
E2 Pre Cat B		08/11/05	8.6	0.47	11.76	1.30	226
E2 Pre Cat B		09/20/05	4.4	0.78	10.38	9.40	3,400
E2 Pre Cat B		10/13/05	12	0.51	11.62	2.08	500
E2 Pre Cat B		11/21/05	3.2	0.32	12.20	1.32	66
E2 Pre Cat B		12/07/05	9.2	0.44	12.14	1.46	194
E2 Pre Cat B		01/20/06	9.2	0.45	12.10	1.72	218
E2 Pre Cat B		02/23/06	--	0.43	12.34	1.06	184
E2 Pre Cat B		03/31/06	--	0.54	12.42	1.54	486
E2 Pre Cat B		04/11/06	>30	0.40	13.16	1.42	223
E2 Pre Cat B		05/31/06	14.5	1.17	19.12	1.58	1,070
E2 Pre Cat B		09/21/06	>30	0.49	13.10	1.34	207
E2 Pre Cat B		11/16/06	12.1	0.51	11.80	2.20	410
E2 Pre Cat B		12/11/06	5.8	0.50	12.40	2.34	347
E2 Pre Cat B		01/04/07	5.75	0.53	13.54	2.08	241
E2 Pre Cat B		02/28/07	4.3	0.65	13.30	1.74	482
E2 Pre Cat B		03/16/07	5.4	0.64	13.34	1.38	455
E2 Pre Cat B		04/30/07	--	--	--	--	--
E2 Pre Cat B		05/18/07	13	0.74	13.16	2.12	605
E2 Pre Cat B		08/22/07	11.00	0.55	12.70	1.48	487
E2 Pre Cat B		09/28/07	8.0	0.45	10.60	5.60	503
E2 Post Cat		08/10/04	--	0.14	9.12	5.86	709
E2 Post Cat		08/17/04	--	0.20	7.80	8.00	435
E2 Post Cat		08/19/04	--	0.09	6.84	9.82	221
E2 Post Cat		08/25/04	--	0.08	8.14	8.12	336
E2 Post Cat		09/02/04	--	0.09	7.98	8.34	377
E2 Post Cat		09/21/04	--	0.01	10.96	3.74	4
E2 Post Cat		11/16/04	--	0.14	5.20	12.62	49
E2 Post Cat		11/23/04	--	0.01	8.72	7.36	15
E2 Post Cat		01/13/05	--	0.09	7.56	8.48	35
E2 Post Cat		08/11/05	1.6	0.00	6.68	10.22	10
E2 Post Cat		09/20/05	1.1	0.05	5.24	14.80	247

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 27 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
E2 Post Cat		10/13/05	2.0	0.02	8.16	8.30	50
E2 Post Cat		11/21/05	1.6	0.01	6.82	10.44	17
E2 Post Cat		12/07/05	1.2	0.02	7.22	11.40	54
E2 Post Cat		01/20/06	1.2	0.07	7.84	9.68	80
E2 Post Cat		02/23/06	--	0.11	6.66	10.46	99
E2 Post Cat		03/31/06	--	0.15	8.18	8.68	137
E2 Post Cat		04/11/06	1.5	0.21	13.26	1.56	123
E2 Post Cat		05/31/06	1.5	0.02	13.12	7.42	78
E2 Post Cat		09/21/06	-1.6	0.05	8.14	9.46	34
E2 Post Cat		11/16/06	1.5	0.01	6.36	11.74	7
E2 Post Cat		12/11/06	1.2	0.01	5.04	14.50	35
E2 Post Cat		01/04/07	0.83	0.01	6.14	14.08	36
E2 Post Cat		02/28/07	4	0.03	3.86	15.52	52
E2 Post Cat		03/16/07	1.6	0.06	6.08	13.20	59
E2 Post Cat		04/30/07	1.8	0.12	5.96	12.98	137
E2 Post Cat		05/18/07	11	0.09	6.58	12.04	164
E2 Post Cat		08/22/07	1.30	0.01	12.60	2.16	52
E2 Post Cat		09/28/07	1.1	0.01	12.86	2.98	413
Groundwater Monitoring Wells							
KAFB-1061		04/25/05	--	0.01	0.28	20.24	2,210
KAFB-1061		02/24/06	-1.6	0.00	0.16	20.78	411
KAFB-1061		04/04/06	--	0.00	0.04	21.08	341
KAFB-1061		04/11/06	1.3	0.00	0.02	21.48	115
KAFB-1061		08/10/06	-2.2	0.01	1.94	15.88	3,210
KAFB-1061		08/22/06	-1.9	0.01	1.22	18.52	2,200
KAFB-1061		09/22/06	0.33	0.01	7.14	2.30	4,960
KAFB-1061		10/27/06	-0.23	0.01	0.98	19.68	2,010
KAFB-1061		02/13/07	1.4	0.02	8.04	2.26	760
KAFB-1061		08/28/07	0.26	0.01	0.38	20.52	222
KAFB-1062		04/04/06	--	0.00	0.26	18.54	11
KAFB-1062		04/11/06	0.9	0.00	0.12	19.54	9
KAFB-1062		08/10/06	-2.2	0.00	0.40	16.34	25
KAFB-1062		08/22/06	-1.7	0.00	0.38	17.32	15
KAFB-1062		09/21/06	0.61	0.00	0.44	18.58	36
KAFB-1062		10/23/06	-0.35	0.00	0.62	15.86	3
KAFB-1062		02/13/07	1.2	0.00	1.98	8.64	9
KAFB-1062		08/28/07	0.21	0.00	0.10	21.46	6
KAFB-1063		04/04/06	--	0.00	0.06	20.88	0
KAFB-1063		04/11/06	0.96	0.00	0.04	21.02	3
KAFB-1063		08/10/06	-2	0.00	0.06	21.02	1
KAFB-1063		08/22/06	-1.7	0.00	0.04	21.16	3
KAFB-1063		09/22/06	0.68	0.00	0.08	20.10	6
KAFB-1063		10/23/06	-0.42	0.00	0.06	21.16	0
KAFB-1063		02/26/07	1.1	0.00	0.12	20.74	19
KAFB-1063		08/28/07	0.27	0.01	0.08	21.76	0
KAFB-1064		04/04/06	--	0.00	0.04	21.24	0
KAFB-1064		04/11/06	--	0.00	0.06	20.88	5
KAFB-1064		08/10/06	-2	0.00	0.36	17.02	112
KAFB-1064		08/22/06	-1.6	0.00	0.18	19.44	41
KAFB-1064		09/22/06	0.69	0.01	1.52	9.26	271
KAFB-1064		10/23/06	-0.23	0.00	1.24	11.48	171
KAFB-1064		02/26/07	2	0.00	2.38	6.68	304

Table 3-1. Soil Vapor Monitoring Summary,
Bulk Fuels Facility (ST-106) (Page 28 of 28)

Well	Screen Interval [a]	Sample Date	Pressure (in H_2O)	CO (percent)	CO_2 (percent)	O_2 (percent)	HC (ppmv)
KAFB-1064		08/28/07	0.10	0.00	0.08	20.86	2
KAFB-1065		02/26/07	-0.8	0.14	2.34	10.60	51,480
KAFB-1065		08/29/07	--	0.01	0.50	19.84	3,750
KAFB-3411		04/04/06	--	0.00	0.04	21.16	1
KAFB-3411		04/11/06	0.72	0.00	0.02	21.82	1
KAFB-3411		08/10/06	-2	0.00	0.04	20.96	6
KAFB-3411		08/22/06	-1.5	0.00	0.02	21.14	2
KAFB-3411		09/22/06	0.39	0.01	4.06	8.54	925
KAFB-3411		10/23/06	-0.42	0.00	0.02	21.04	7
KAFB-3411		02/26/07	1.1	0.01	5.80	6.24	3,190
KAFB-3411		08/28/07	0.19	0.01	0.06	21.74	0

Table A-2. Cumulative Petroleum Hydrocarbon Recovery Calculations - April 2003 through March 2008
Vapor Treatment Influent - Product Removal Calculations
Bulk Fuels Facility

Field Parameter	**Sample Date** April 2003 through 16 July 2004	**Sample Date** 7/23/2004		**Sample Date** 7/30/2004		**Sample Date** 8/10/2004	
Pressure (in H_2O)	Field parameter values collected during April 2003 Pilot Test	-13.0		-9.2		-14.0	
HC (ppmv)		49,140		53,280		47,340	
O_2 (percent)		7.28		8.18		7.98	
CO (percent)		0.00		0.02		0.01	
CO_2 (percent)		3.50		3.36		3.42	
Active Wells	SVEW-01	SVEW-01 and 08		SVEW-01 and 08		SVEW-01 and 08	
Engine	**Reference Starting Point**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	Hydrocarbon Recovery by SVE system based on hours of operation and calculations of performance during April 2003 Pilot Test and interim operating period prior to July 16, 2004	22	22	22	20	21	23
Well Gas Inlet Flow Rate (m^3/hr)		37.4	37.4	37.4	34.0	35.7	39.1
Engine Hours		6,070.3	6,377.0	6,236.8	6,497.7	6,496.8	6,757.7
Hours of Operation		168.0	168.0	166.5	120.7	260.0	260.0
Hydrocarbon Recovery (gallons equivalent)	33,304	467	467	501	330	664	727
Cumulative Hydrocarbon Recovery (gallons equivalent)	33,304	34,237		35,069		36,461	

Field Parameter	**Sample Date** 8/18/2004		**Sample Date** 8/19/2004		**Sample Date** 8/25/2004		**Sample Date** 9/2/2004	
Pressure (in H_2O)	NA		-10.0		NA		~ -10.5	
HC (ppmv)	43,650		52,650		51,750		53,640	
O_2 (percent)	8.40		7.08		7.58		8.12	
CO (percent)	0.01		0.01		0.02		0.02	
CO_2 (percent)	3.42		3.68		3.72		3.80	
Active Wells	SVEW-01 and 08		SVEW-01 and 08		SVEW-01 and 08		SVEW-01 and 08	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	22	23	20	22	22	21	22	21
Well Gas Inlet Flow Rate (m^3/hr)	37.4	39.1	34.0	37.4	37.4	35.7	37.4	35.7
Engine Hours	6,671.4	6,932.2	6,691.8	6,952.7	6,834.4	7,095.3	7,026.4	7,287.3
Hours of Operation	174.6	174.5	20.4	20.5	142.6	142.6	192.0	192.0
Hydrocarbon Recovery (gallons equivalent)	431	450	55	61	417	398	582	556
Cumulative Hydrocarbon Recovery (gallons equivalent)	37,342		37,458		38,273		39,411	

Table A-2. Cumulative Petroleum Hydrocarbon Recovery Calculations - April 2003 through March 2008
Vapor Treatment Influent - Product Removal Calculations
Bulk Fuels Facility

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	9/15/2004		9/21/2004		9/23/2004		9/28/2004	
Pressure (in H_2O)	NA		-14.0		-6.0		-8.0	
HC (ppmv)	53,550		33,120		41,130		35,820	
O_2 (percent)	8.22		11.76		11.98		12.38	
CO (percent)	0.02		0.04		0.04		0.04	
CO_2 (percent)	3.58		2.16		1.98		1.86	
Active Wells	SVEW-01 and 08		SVEW-01, and 08		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	20	26	30	27	31	28	29	29
Well Gas Inlet Flow Rate (m^3/hr)	34.0	44.2	51.0	45.9	52.7	47.6	49.3	49.3
Engine Hours	7,322.8	7,549.9	7,446.6	7,673.7	7,473.0	7,700.1	7,610.8	7,837.9
Hours of Operation	296.4	262.6	123.8	123.8	26.4	26.4	137.8	137.8
Hydrocarbon Recovery (gallons equivalent)	816	939	316	284	86	78	368	368
Cumulative Hydrocarbon Recovery (gallons equivalent)	41,166		41,767		41,931		42,667	

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	10/29/2004		11/16/2004		11/17/2004		11/23/2004	
Pressure (in H_2O)	-8.0		NA		NA		NA	
HC (ppmv)	28,620		31,050		20,790		30,330	
O_2 (percent)	12.38		15.72		7.02		15.06	
CO (percent)	0.04		0.04		0.05		0.04	
CO_2 (percent)	1.86		0.72		6.68		0.92	
Active Wells	SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	29	0	33	28	36	31	30	41
Well Gas Inlet Flow Rate (m^3/hr)	49.3	0.0	56.1	47.6	61.2	52.7	51.0	69.7
Engine Hours	8,065.6	7,837.9	8,316.8	8,056.0	8,344.3	8,083.4	8,428.4	8,167.5
Hours of Operation	454.8	0.0	251.2	218.1	27.5	27.4	84.1	84.1
Hydrocarbon Recovery (gallons equivalent)	970	0	661	487	53	45	197	269
Cumulative Hydrocarbon Recovery (gallons equivalent)	43,637		44,786		44,884		45,349	

Table A-2. Cumulative Petroleum Hydrocarbon Recovery Calculations - April 2003 through March 2008
Vapor Treatment Influent - Product Removal Calculations
Bulk Fuels Facility

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	12/31/2004 [a]		1/13/2005		02/11/2005 [b]		3/21/2005	
Pressure (in H_2O)	NA		NA		NA		-30	
HC (ppmv)	26,730		26,730		26,730		20,700	
O_2 (percent)	15.64		15.64		15.64		15.9	
CO (percent)	0.04		0.04		0.04		0.04	
CO_2 (percent)	0.66		0.66		0.66		0.56	
Active Wells	SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	37	43	37	43	40	44	39	0
Well Gas Inlet Flow Rate (m^3/hr)	62.9	73.1	62.9	73.1	68.0	74.8	66.3	0.0
Engine Hours	8,818.2	8,804.0	9,035.7	9,021.5	9,610.1	9,501.3	10,292.3	9,501.3
Hours of Operation	389.8	636.5	217.5	217.5	574.4	479.8	682.2	0.0
Hydrocarbon Recovery (gallons equivalent)	991	1,880	553	642	1,578	1,450	1,415	0
Cumulative Hydrocarbon Recovery (gallons equivalent)	48,220		49,415		52,443		53,858	

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	03/31/2005 [c]		5/4/2005		5/10/2005		5/17/2005	
Pressure (in H_2O)	NA		NA		NA		-8	
HC (ppmv)	15,714		28,080		17,136		20,520	
O_2 (percent)	17.6		15.36		11.02		12.14	
CO (percent)	0.02		0.04		0.05		0.04	
CO_2 (percent)	0.46		2.6		3.52		2.86	
Active Wells	SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 03, 04, and 08		SVEW-01, 03, 04, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	38	0	28	0	34	0	36	0
Well Gas Inlet Flow Rate (m^3/hr)	64.6	0.0	47.6	0.0	57.8	0.0	61.2	0.0
Engine Hours	10,487.7	9,501.3	11,017.6	9,501.3	11,159.8	9,501.3	11,325.2	9,501.3
Hours of Operation	195.4	0.0	529.9	0.0	142.2	0.0	165.4	0.0
Hydrocarbon Recovery (gallons equivalent)	300	0	1,071	0	213	0	314	0
Cumulative Hydrocarbon Recovery (gallons equivalent)	54,158		55,229		55,442		55,755	

Table A-2. Cumulative Petroleum Hydrocarbon Recovery Calculations - April 2003 through March 2008
Vapor Treatment Influent - Product Removal Calculations
Bulk Fuels Facility

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	6/9/2005		6/22/2005		06/30/2005 [d]		08/05/2005 [e]	
Pressure (in H_2O)	NA		NA		NA		-3.3	
HC (ppmv)	21,600		17,640		17,640		40,590	
O_2 (percent)	11.26		4.34		4.34		8.36	
CO (percent)	0.05		0.06		0.06		0.05	
CO_2 (percent)	2.94		6.66		6.66		3.42	
Active Wells	SVEW-01, 03, 04, 08, and 09		SVEW-01, 03, 04, 08, and 09		SVEW-01, 03, 04, 08, and 09		SVEW-01, 05, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	46	0	16	0	16	0	9	25
Well Gas Inlet Flow Rate (m^3/hr)	78.2	0.0	27.2	0.0	27.2	0.0	15.3	42.5
Engine Hours	11,735.7	9,501.3	11,995.5	9,501.3	12,033.5	9,501.3	12,645.7	485.1
Hours of Operation	410.5	0.0	259.8	0.0	38.0	0.0	612.2	485.1
Hydrocarbon Recovery (gallons equivalent)	1,048	0	188	0	28	0	575	1,265
Cumulative Hydrocarbon Recovery (gallons equivalent)	56,804		56,992		57,020		58,859	

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	8/11/2005		9/16/2005		9/20/2005		09/30/2005 [f]	
Pressure (in H_2O)	-3.3		-3.8		-3.8		-3.8	
HC (ppmv)	40,590		43,560		43,560		43,560	
O_2 (percent)	8.36		10.58		10.58		10.58	
CO (percent)	0.05		0.02		0.02		0.02	
CO_2 (percent)	3.42		4.36		4.36		4.36	
Active Wells	SVEW-01, 05, 08, and 09		SVEW-01, 05, 08, and 09		SVEW-01, 05, 08, and 09		SVEW-01, 05, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	0	24	0	17	0	2	0	23
Well Gas Inlet Flow Rate (m^3/hr)	0.0	40.8	0.0	28.9	0.0	3.4	0.0	39.1
Engine Hours	12,645.7	625.2	12,645.7	1,488.0	12,645.7	1,581.8	12,645.7	1,597.1
Hours of Operation	0.0	140.1	0.0	862.8	0.0	93.8	0.0	15.3
Hydrocarbon Recovery (gallons equivalent)	0	351	0	1,642	0	21	0	39
Cumulative Hydrocarbon Recovery (gallons equivalent)	59,210		60,852		60,873		60,912	

Table A-2. Cumulative Petroleum Hydrocarbon Recovery Calculations - April 2003 through March 2008
Vapor Treatment Influent - Product Removal Calculations
Bulk Fuels Facility

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	10/11/2005		10/13/2005		11/22/2005		12/7/2005	
Pressure (in H_2O)	NA		-14		-12.5		-17	
HC (ppmv)	47,880		39,330		38,610		43,920	
O_2 (percent)	17.34		10.38		9.02		8.54	
CO (percent)	0.06		0.08		0.02		0.02	
CO_2 (percent)	1.76		3.42		3.96		4.42	
Active Wells	SVEW-01, 05, 08, and 09		SVEW-01, 05, 08, and 09		SVEW-01, 05, 08, and 09		SVEW-01, 05, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	19	23	18	23	19	9	20	22
Well Gas Inlet Flow Rate (m^3/hr)	32.3	39.1	30.6	39.1	32.3	15.3	34.0	37.4
Engine Hours	91.4	1,755.0	227.4	1,890.2	855.0	2,548.4	1,107.5	2,822.8
Hours of Operation	91.4	157.9	136.0	135.2	627.6	658.2	252.5	274.4
Hydrocarbon Recovery (gallons equivalent)	214	447	247	314	1,183	588	570	681
Cumulative Hydrocarbon Recovery (gallons equivalent)	61,572		62,134		63,905		65,156	

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	12/31/2005 [g]		1/20/2006		2/23/2006		03/31/2006 [h]	
Pressure (in H_2O)	-24.2		-24.2		-23		-21	
HC (ppmv)	29,520		29,520		37,350		29,340	
O_2 (percent)	12.36		12.36		10.88		12.9	
CO (percent)	0.04		0.04		0.02		0.12	
CO_2 (percent)	3.12		3.12		3.60		3.00	
Active Wells	SVEW-01, 05, 08, and 09		SVEW-01, 05, 08, and 09		SVEW-01, 05, 08, and 09		SVEW-01, 05, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	22	21	22	23	21	23	31	36
Well Gas Inlet Flow Rate (m^3/hr)	37.4	35.7	37.4	39.1	35.7	39.1	52.7	61.2
Engine Hours	1,672.5	3,387.7	2,090.6	3,711.7	2,852.8	4,492.1	3,235.3	4,874.5
Hours of Operation	565.0	564.9	418.1	324.0	762.2	780.4	382.5	382.4
Hydrocarbon Recovery (gallons equivalent)	943	900	698	565	1,536	1,723	894	1,038
Cumulative Hydrocarbon Recovery (gallons equivalent)	66,999		68,262		71,521		73,452	

Table A-2. Cumulative Petroleum Hydrocarbon Recovery Calculations - April 2003 through March 2008
Vapor Treatment Influent - Product Removal Calculations
Bulk Fuels Facility

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	4/4/2006		4/12/2006		05/31/2006 [i]		6/29/2006	
Pressure (in H_2O)	--		-24		-20.5		-7.4	
HC (ppmv)	30,240		31,590		33,255		34,920	
O_2 (percent)	13.22		13.46		13.18		12.76	
CO (percent)	0.12		0.13		3.69		0.15	
CO_2 (percent)	3.28		3.50		13.46		3.28	
Active Wells	SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	33	36	31	37	29	33	33	33
Well Gas Inlet Flow Rate (m^3/hr)	56.1	61.2	52.7	62.9	49.3	56.1	56.1	56.1
Engine Hours	3,326.8	4,967.5	3,521.7	5,159.9	4,703.7	5,854.2	5,230.1	6,304.6
Hours of Operation	91.5	93.0	194.9	192.4	1182.0	694.3	526.4	450.4
Hydrocarbon Recovery (gallons equivalent)	235	260	490	578	2,929	1,958	1,559	1,334
Cumulative Hydrocarbon Recovery (gallons equivalent)	73,947		75,016		79,902		82,795	

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	7/12/2006		8/9/2006		09/21/2006 [j]		09/30/2006 [k]	
Pressure (in H_2O)	-6		-4.8		-8.6		-8.6	
HC (ppmv)	37,440		38,700		36,000		36,000	
O_2 (percent)	12.18		12.38		12.00		12.00	
CO (percent)	0.17		0.15		0.16		0.16	
CO_2 (percent)	3.46		3.52		3.50		3.50	
Active Wells	SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	33	33	26	0	27	24	27	27
Well Gas Inlet Flow Rate (m^3/hr)	56.1	56.1	44.2	0.0	45.9	40.8	45.9	45.9
Engine Hours	5,545.2	6,305.5	466.3	6,320.0	1,166.6	7,043.9	1,394.8	7,272.1
Hours of Operation	315.1	0.9	587.5	14.5	663.9	669.6	228.2	228.2
Hydrocarbon Recovery (gallons equivalent)	1,000	3	1,519	0	1,658	1,487	570	570
Cumulative Hydrocarbon Recovery (gallons equivalent)	87,633		89,152		92,297		93,437	

Table A-2. Cumulative Petroleum Hydrocarbon Recovery Calculations - April 2003 through March 2008
Vapor Treatment Influent - Product Removal Calculations
Bulk Fuels Facility

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	10/24/2006		11/16/2006		12/11/2006		12/29/2006	
Pressure (in H_2O)	-18		>-30		>-30		NA	
HC (ppmv)	29,070		36,540		21,960		29,880	
O_2 (percent)	15.72		15.56		18.38		13.28	
CO (percent)	0.11		0.11		0.07		0.12	
CO_2 (percent)	1.94		1.60		0.78		4.12	
Active Wells	SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, 05, 08, and 09		SVEW-01, 04, and 08		SVEW-01, 04, and 08	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	31	0	35	33	28	30	24	17
Well Gas Inlet Flow Rate (m^3/hr)	52.7	0.0	59.5	56.1	47.6	51.0	40.8	28.9
Engine Hours	1,944.0	7,464.0	2,488.9	7,820.0	3,065.9	8,396.7	3,491.9	8,821.8
Hours of Operation	549.2	191.9	544.9	356.0	577.0	576.7	426.0	425.1
Hydrocarbon Recovery (gallons equivalent)	1,272	0	1,791	1,103	912	976	785	555
Cumulative Hydrocarbon Recovery (gallons equivalent)	94,709		97,602		99,490		100,830	

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	1/4/2007		2/28/2007		3/16/2007		3/30/2007	
Pressure (in H2O)	-18.5		-25		-26		NA	
HC (ppmv)	50,580		45,360		36,810		28,350	
O2 (percent)	12.98		10.90		13.28		15.12	
CO (percent)	0.15		0.16		0.12		0.06	
CO2 (percent)	4.32		5.08		3.76		3.02	
Active Wells	SVEW-01, 04, and 08		SVEW-01, 04, and 08		SVEW-01, 04, and 08		SVEW-01, 04, and 08	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	21	12	20	6	24	17	21	13
Well Gas Inlet Flow Rate (m^3/hr)	35.7	20.4	34.0	10.2	40.8	28.9	35.7	22.1
Engine Hours	3,572.9	8,904.1	4,617.7	9,923.9	4,912.2	10,218.3	5,245.4	10,551.7
Hours of Operation	81.0	82.3	1044.8	1019.8	294.5	294.4	333.2	333.4
Hydrocarbon Recovery (gallons equivalent)	221	128	2,436	713	669	473	510	316
Cumulative Hydrocarbon Recovery (gallons equivalent)	101,180		104,328		105,470		106,296	

Table A-2. Cumulative Petroleum Hydrocarbon Recovery Calculations - April 2003 through March 2008
Vapor Treatment Influent - Product Removal Calculations
Bulk Fuels Facility

Field Parameter	Sample Date 4/30/2007		Sample Date 5/18/2007		Sample Date 6/13/2007 [1]		Sample Date 6/29/2007	
Pressure (in H2O)	-16		-23		-23		NA	
HC (ppmv)	48,780		32,652		32,652		21,690	
O2 (percent)	11.28		10.86		10.86		15.72	
CO (percent)	0.16		0.16		0.16		0.08	
CO2 (percent)	4.94		5.18		5.18		2.42	
Active Wells	SVEW-01, 04, and 08		SVEW-01, 04, and 08		SVEW-01, 04, and 08		SVEW-01, 04, and 08	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	20	15	27	19	26	26	8	0
Well Gas Inlet Flow Rate (m^3/hr)	34.0	25.5	45.9	32.3	44.2	44.2	13.6	0.0
Engine Hours	5,814.9	11,034.2	6,203.9	11,423.3	6,852.5	12,046.6	7,089.5	12,046.6
Hours of Operation	569.5	482.5	389.0	389.1	648.6	623.3	237.0	0.0
Hydrocarbon Recovery (gallons equivalent)	1,428	907	881	620	1,415	1,360	106	0
Cumulative Hydrocarbon Recovery (gallons equivalent)	108,631		110,132		112,907		113,012	

Field Parameter	Sample Date 8/22/2007		Sample Date 9/28/2007	
Pressure (in H2O)	-19		-12	
HC (ppmv)	31,410		29,250	
O2 (percent)	12.76		12.86	
CO (percent)	0.14		3.7	
CO2 (percent)	3.50		6.10	
Active Wells	SVEW-01, 04, and 08		SVEW-01, 04, and 08	
Engine	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	27	27	27	24
Well Gas Inlet Flow Rate (m^3/hr)	45.9	45.9	45.9	40.8
Engine Hours	7,816.6	12,787.9	8,663.1	13,636.1
Hours of Operation	727.1	741.3	846.5	848.2
Hydrocarbon Recovery (gallons equivalent)	1,584	1,615	1,718	1,530
Cumulative Hydrocarbon Recovery (gallons equivalent)	116,212		119,460	

Table A-2. Cumulative Petroleum Hydrocarbon Recovery Calculations - April 2003 through March 2008
Vapor Treatment Influent - Product Removal Calculations
Bulk Fuels Facility

Field Parameter	Sample Date 10/15/2007		Sample Date 10/31/2007 [o]		Sample Date 11/28/2007 [p]		Sample Date 12/28/2007	
Pressure (in H_2O)	-9.3		-9.3		-9.3		-12	
HC (ppmv)	31,320		31,320		31,320		29,250	
O_2 (percent)	12.80		12.80		12.80		12.86	
CO (percent)	0.14		0.14		0.14		0.14	
CO_2 (percent)	3.60		3.60		3.60		3.70	
Active Wells	SVEW-01, 04, and 08		SVEW-01, 04, and 08		SVEW-01, 04, and 08		SVEW-01, 04, and 08	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	20	20	19	20	24	0	5	19
Well Gas Inlet Flow Rate (m3/hr)	34.0	34.0	32.3	34.0	40.8	0.0	8.5	32.3
Engine Hours	9,070.9	14,043.9	9,445.7	14,418.8	9,879.4	14,976.2	10,161.3	15,364.4
Hours of Operation	407.8	407.8	374.8	374.9	433.7	557.4	281.9	388.2
Hydrocarbon Recovery (gallons equivalent)	656	656	573	603	838	0	106	554
Cumulative Hydrocarbon Recovery (gallons equivalent)	120,773		121,949		122,787		123,447	
Field Parameter	**Sample Date** 1/24/2008		**Sample Date** 2/29/2008		**Sample Date** 3/26/2008		**Sample Date** 3/31/2008	
Pressure (in H_2O)	-12		-30					
HC (ppmv)	36,810		22,950		14,490		29,250	
O_2 (percent)	12.96		16.18		16.76		12.38	
CO (percent)	0.14		0.08		0.03		0.07	
CO_2 (percent)	4.00		1.24		0.74		3.44	
Active Wells	SVEW-01, 04, and 08		SVEW-01, 04, and 08		SVEW-01, 04, and 08		SVEW-01, 04, and 08	
Engine	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**	**E1**	**E2**
Well Gas Inlet Flow Rate (SCFM)	29	26	44	38	43	24	19	24
Well Gas Inlet Flow Rate (m3/hr)	49.3	44.2	74.8	64.6	73.1	40.8	32.3	40.8
Engine Hours	10,538.6	15,723.4	11,041.0	16,640.4	11,403.4	16,792.9	11,531.3	16,889.1
Hours of Operation	377.3	359.0	502.4	917.0	362.4	152.5	127.9	96.2
Hydrocarbon Recovery (gallons equivalent)	1,035	883	1,304	2,055	580	136	183	174
Cumulative Hydrocarbon Recovery (gallons equivalent)	125,365		128,724		129,440		129,796	

a. December 31, 2004 end of Q404. January 13, 2005 flow rates and sample data used for calculations.
b. February 11, 2005 last day of E2 operation. No samples collected on this date, January 13, 2005 flow rates and sample data used for calculations.
c. March 31, 2005 end of Q105. Samples and flow rates collected on this day were used for calculations.

Table A-2. Cumulative Petroleum Hydrocarbon Recovery Calculations - April 2003 through March 2008
Vapor Treatment Influent - Product Removal Calculations
Bulk Fuels Facility

d. June 30, 2005 end of Q205. June 29, 2005 flow rates and June 22, 2005 sample date used for calculations.
e. August 5, 2005 last day of E1 operation. No samples collected on this date, August 11, 2005 flow rates and sample data used for calculations.
f. September 30, 2005 end of Q305. October 4, 2005 flow rates and September 20, 2005 sample data used for calculation.
g. December 31, 2005 end of Q405. January 3, 2006 flow rates and January 20, 2006 sample data used for calculations.
h. March 31, 2006 end of Q106. Flow rates and sample data collected on this day were used for calculations.
i. May 31, 2006 hydrocarbon concentration used for this date is an average of April 12, 2006 and June 29, 2006 concentrations.
j. September 21, 2006 Hours of Operation do not include engine hours spent at system manufacturer during August repairs.
k. September 30, 2006 end of Q306. September 27, 2006 flow rates and September 21, 2006 sample data used for calculations.
l. June 13, 2007 last day of E2 operation. No samples collected on this date, May 18, 2007 sample data and June 13, 2007 flow rates used for calculations.
m. October 31, 2007 hydrocarbon concentration used for this date is from October 15, 2007.
n. November 28, 2007 hydrocarbon concentration used for this date is from October 15, 2007.
o. October 31, 2007 hydrocarbon concentration used for this date is from October 15, 2007.
p. November 28, 2007 hydrocarbon concentration used for this date is from October 15, 2007.

m^3/hr – cubic meter per hour.
scfm - standard cubic feet per minute.

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 1 of 24

Sample Field ID	**SVMW-01-50**	**SVMW-01-100**	**SVMW-01-250**	**SVMW-01-308**	**SVMW-02-50**	**SVMW-02-97**	**SVMW-02-150**	**SVMW-03-50**	**SVMW-03-100**	**SVMW-03-250**	**SVMW-03-300**	**SVMW-04-50**	**SVMW-04-98**	**SVMW-04-250**	**SVMW-04-300**
Date Collected	**02/25/03**	**02/25/03**	**02/25/03**	**02/25/03**	**02/21/03**	**02/25/03**	**02/21/03**	**02/20/03**	**02/20/03**	**02/20/03**	**02/20/03**	**02/21/03**	**02/21/03**	**02/21/03**	**2/21/03**
Sample Depth (ft. bgs)	**50**	**100**	**250**	**308**	**50**	**97**	**150**	**50**	**100**	**250**	**300**	**50**	**98**	**250**	**300**
VOCs (ppbv)															
1,1,1-Trichloroethane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,1,2,2-Tetrachloroethane	416 U	2,000 U	2,500 U	1430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,1,2-Trichloro-1,2,2-trifluoroethane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	8.33	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,1,2-Trichloroethane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,1-Dichloroethane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,1-Dichloroethene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,2,4-Trichlorobenzene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,2,4-Trimethylbenzene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	1.54	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,2-Dibromoethane (EDB)	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,2-Dichlorobenzene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,2-Dichloroethane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,2-Dichloropropane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,3,5-Trimethylbenzene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.97F	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,3-Dichlorobenzene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
1,4-Dichlorobenzene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
2-Butanone (MEK)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Acetone	833 U	4,000 U	5,000 U	2,860 U	1,250 U	10,000 U	2,000 U	1 U	5,000 U	5,000 U	2,500 U	50 U	2,000 U	10,000 U	2,000 U
Benzene	55,600	191,000	236,000	123,000	85,500	310,000	68,300	44.1	288,000	317,000	105,000	2,870	93,100	524,000	90,300
Bromomethane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Carbon tetrachloride	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Chlorobenzene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Chloroethane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Chloroform	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Chloromethane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
cis-1,2-Dichloroethene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
cis-1,3-Dichloropropene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Dichlorodifluoromethane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Ethylbenzene	3,150	12,500	5,950	5,860	2,260	13,200	3,520	9.28	13,600	12,200	7,280	178	6,620	22,400	5,060
Hexachlorobutadiene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
m,p-Xylenes	10,300	31,400	24,000	21,600	4,340	27,200	6,760	23.6	29,800	23,400	14,700	360	17,300	39,800	14,000
Methyl isobutyl ketone	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene chloride	2,170 U	34,800 U	6900 U	15,300 U	2,400 U	109,000	9,900 U	4.97 U	8,150 U	,9950 U	7,900 U	39.0 U	11,400 U	8,000 U	2,340 U
o-xylene	3,430	9,480	6,900	5,810	1,180F	6,900F	1,620F	6.42	7,400	5,500	3,600	155	5,260	9,500	3,520
Styrene	416 U	2,000 U	2,500 U	1,430 U	625 U	5000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Tetrachloroethene (PCE)	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	1.02F	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Toluene	54,900	180,000	319,000	226,000	90,100	522,000	137,000	73.5	332,000	329,000	216,000	3,980	151,000	606,000	175,000
trans-1,3-Dichloropropene	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Trichloroethene (TCE)	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Trichlorofluoromethane	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
Trichlorotrifluoroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	416 U	2,000 U	2,500 U	1,430 U	625 U	5,000 U	1,000 U	0.56 U	2,500 U	2,500 U	1,250 U	25.0 U	1,000 U	5,000 U	1,000 U
TPH - Gasoline	20,900	65,000	139,000	70,600	17,100	181,000	45,300	148	130,000	162,000	111,000	810	26,200	203,000	71,000
Fixed Gases (percent)															
Oxygen	9.34	9.30	10.30	14.80	9.7	2.37	17.40	5.18	2.27	5.80	5.88	15.80	17.70	9.06	15.40
Nitrogen	64.50	63.20	64.70	62.10	63.5	49.50	60.10	65.50	64.30	65.50	66.80	60.80	60.50	63.80	62.40
Carbon Monoxide	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
Methane	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U
Carbon Dioxide	6.83	5.99	1.68	0.21F	6.4	7.19	0.087 U	8.10	9.30	3.28	3.36	1.34	0.4F	2.17	0.13F

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 2 of 24

Sample Field ID	**SVMW-05-50**	**SVMW-05-50**	**SVMW-05**	**SVMW-05-100**	**SVMW-05-100**	**SVMW-05-100 DUP**	**SVMW-05-100**	**SVMW-05-230**	**SVMW-05-230**	**SVMW-05-230**	**SVMW-05-288**	**SVMW-05-288**	**SVMW-05-288**
Date Collected	**02/25/03**	**02/28/07**	**08/27/07**	**02/25/03**	**02/27/07**	**08/27/07**	**08/27/07**	**02/25/03**	**02/27/07**	**08/27/07**	**02/25/03**	**02/27/07**	**08/27/07**
Sample Depth (ft. bgs)	**50**	**50**	**50**	**100**	**100**	**100**	**100**	**230**	**230**	**230**	**288**	**288**	**288**
VOCs (ppbv)													
1,1,1-Trichloroethane	12.5 U	116 U	< 0.95	278 U	540 U	< 12.57	< 9.45	1,660 U	555 U	< 46.73	1,920 U	1,504 U	< 157.11
1,1,2,2-Tetrachloroethane	12.5 U	116 U	< 0.69	278 U	540 U	< 9.18	< 6.9	1,660 U	555 U	< 34.11	1,920 U	1,504 U	< 114.68
1,1,2-Trichloro-1,2,2-trifluoroethane	20.8F	16.2 J	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	12.5 U	116 U	< 0.77	278 U	540 U	< 10.19	< 7.66	1,660 U	555 U	< 37.88	1,920 U	1,504 U	< 127.36
1,1-Dichloroethane	12.5 U	116 U	< 0.94	562	540 U	< 12.5	< 9.39	1,660 U	555 U	< 46.45	1,920 U	1,504 U	< 156.18
1,1-Dichloroethene	12.5 U	116 U	< 0.92	278 U	540 U	< 12.17	< 9.14	1,660 U	555 U	< 45.23	1,920 U	1,504 U	< 152.05
1,2,4-Trichlorobenzene	12.5 U	116 U	< 0.66	278 U	540 U	< 8.82	< 6.63	1,660 U	555 UJ	< 32.77	1,920 U	1,504 U	< 110.17
1,2,4-Trimethylbenzene	12.5 U	480	< 0.63	278 U	119 J	70.2 J	91.9	1,660 U	244 J	< 31.32	1,920 U	662 J	< 105.28
1,2-Dibromoethane (EDB)	12.5 U	116 U	< 0.78	278 U	540 U	< 10.36	< 7.79	1,660 U	555 U	< 38.51	1,920 U	1,504 U	< 129.47
1,2-Dichloro,1,1,2,2-tetrafluoroethane	12.5 U	116 U	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	12.5 U	116 U	< 0.58	278 U	540 U	< 7.76	< 5.83	1,660 U	555 U	< 28.86	1,920 U	1,504 U	< 97.03
1,2-Dichloroethane	12.5 U	116 U	< 0.88	278 U	540 U	< 11.68	< 8.78	1,660 U	355 J	< 43.41	1,920 U	1,504 U	< 145.94
1,2-Dichloropropane	12.5 U	116 U	< 1.11	278 U	540 U	< 14.8	< 11.13	1,660 U	555 U	< 55.03	1,920 U	1,504 U	< 185.02
1,3,5-Trimethylbenzene	13F	210	< 0.57	278 U	70.2 J	105 J	136	1,660 U	128 J	< 28.29	1,920 U	511 J	< 95.11
1,3-Dichlorobenzene	12.5 U	116 U	< 0.58	278 U	540 U	< 7.76	< 5.83	1,660 U	555 U	< 28.86	1,920 U	1,504 U	< 97.03
1,4-Dichlorobenzene	12.5 U	116 U	< 0.68	278 U	540 U	< 9.01	< 6.77	1,660 U	555 U	< 33.48	1,920 U	1,504 U	< 112.57
2-Butanone (MEK)	NT	116 UJ	17.5	NT	540 UJ	< 26.67	< 20.05	NT	555 U	< 99.15	NT	1,504 UJ	< 333.35
Acetone	25 U	318	78.3	556 U	1,080 U	< 90.42	< 67.96	3,330 U	1,110 UJ	< 336.13	3,850 U	3,008 U	< 1130.04
Benzene	1,710	2,230	8.72	42,300	1,160	< 11.55	< 8.68	189,000	18,600	10500	213,000	105,000	< 144.35
Bromomethane	12.5 U	116 U	< 0.78	278 U	540 U	< 10.43	< 7.84	1,660 U	555 U	< 38.77	1,920 U	1,504 U	< 130.34
Carbon tetrachloride	12.5 U	116 U	< 1.03	278 U	540 U	< 13.73	< 10.32	1,660 U	555 U	< 51.04	1,920 U	1,504 U	< 171.59
Chlorobenzene	12.5 U	116 U	< 0.79	278 U	59.4 J	< 10.5	< 7.89	1,660 U	555 U	< 39.02	1,920 U	361	< 131.17
Chloroethane	12.5 U	116 U	< 1.31	278 U	540 U	< 17.46	< 13.12	1,660 U	555 U	< 64.92	1,920 U	1,504 U	< 218.25
Chloroform	12.5 U	116 U	< 0.95	278 U	540 U	< 12.57	< 9.45	1,660 U	555 U	< 46.73	1,920 U	1,504 U	< 157.11
Chloromethane	12.5 U	116 U	< 1.25	278 U	540 U	< 16.68	< 12.53	1,660 U	555 U	< 61.99	1,920 U	1,504 U	< 208.41
cis-1,2-Dichloroethene	12.5 U	116 U	< 1	278 U	540 U	< 13.36	< 10.04	1,660 U	555 U	< 49.66	1,920 U	1,504 U	< 166.94
cis-1,3-Dichloropropene	12.5 U	116 U	< 0.66	278 U	540 U	< 8.76	< 6.59	1,660 U	555 U	< 32.57	1,920 U	1,504 U	< 109.51
Dichlorodifluoromethane	12.5 U	116 U	< 0.94	278 U	540 U	< 12.45	< 9.36	1,660 U	555 U	< 46.3	1,920 U	1,504 U	< 155.64
Ethylbenzene	41.8	836	1.68 J	1,550	297 J	51.1 J	60.8 J	5,430	427 J	< 31.32	9,120	2,870	1500
Hexachlorobutadiene	12.5 U	116 U	< 0.43	278 U	540 U	< 5.76	< 4.33	1,660 U	555 UJ	< 21.43	1,920 U	1,504 U	< 72.04
m,p-Xylenes	152	2,710	6 J	5,830	950 J	345	422	24,900	1,570	< 70.25	33,600	12,200	6730
Methyl isobutyl ketone	---	---	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	116 UJ	< 2.16	NT	540 UJ	< 28.75	< 21.61	NT	555 U	< 106.86	NT	1,504 UJ	< 359.27
Methylene chloride	33.8 U	118	< 3.93	11,400	756	< 52.2	< 39.23	7,790 U	749	< 194.04	8,590	932 J	< 652.35
o-xylene	52	992	3.76 J	2,400	362 J	384	469	6,660	1,020	486	11,000	6,800	4470
Styrene	12.5 U	116 U	< 0.55	278 U	540 U	< 7.32	< 5.5	1,660 U	44.4 J	< 27.2	1,920 U	1,504 U	< 91.45
Tetrachloroethene (PCE)	12.5 U	116 U	< 0.82	278 U	540 U	< 10.84	< 8.14	1,660 U	555 U	< 40.29	1,920 U	1,504 U	< 135.44
Toluene	628	8,200	22.8	35,600	3,080	503	591	258,000	5,260	265 J	342,000	117,000	72500
trans-1,3-Dichloropropene	12.5 U	116 U	< 0.63	278 U	540 U	< 8.42	< 6.33	1,660 U	555 U	< 31.32	1,920 U	1,504 U	< 105.28
Trichloroethene (TCE)	12.5 U	116 U	< 1.01	278 U	540 U	< 13.41	< 10.08	1,660 U	555 U	< 49.85	1,920 U	1,504 U	< 167.61
Trichlorofluoromethane	12.5 U	116 U	< 0.95	278 U	540 U	< 12.69	< 9.54	1,660 U	555 U	< 47.17	1,920 U	1,504 U	< 158.57
Trichlorotrifluoroethane	---	---	17.9	---	---	< 11.77	< 8.85	---	---	< 43.77	---	---	< 147.14
Vinyl chloride	12.5 U	116 U	< 0.85	278 U	540 U	< 11.27	< 8.47	1,660 U	555 U	< 41.91	1,920 U	1,504 U	< 140.89
TPH - Gasoline	135	866	5.924 J	14,200	846	1450	1380	74,400	1,680	359	87,900	16,500	6230
Fixed Gases (percent)													
Oxygen	13.00	13	13.7	10.70	9.29	11.9 J	9.43 J	11.60	16.5	17.1	13.50	15.4	16.2
Nitrogen	61.30	59.2	66	63.70	59.4	62.3	65.6	64.70	60.6	65.4	63.90	58.1	56.4
Carbon Monoxide	0.048 U	1.2 U	< 0.16	0.048 U	1.1 U	< 0.14	< 0.15	0.048 U	1.1 U	< 0.15	0.048 U	1.1 U	< 0.15
Methane	0.058 U	1.2 U	< 0.24	0.058 U	1.1 U	< 0.21	< 0.23	0.058 U	2	< 0.22	0.058 U	1.1 U	< 0.22
Carbon Dioxide	4.42	5.32	8.61	6.70	8.11	10.1	10.3	1.58	1.86	5.53	0.86	1.24	4.91

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 3 of 24

Sample Field ID	**SVMW-06-50**	**SVMW-06-50**	**SVMW-06-50**	**SVMW-06-99.5**	**SVMW-06-99.5**	**SVMW-06-100**	**SVMW-06-252**	**SVMW-06-252**	**SVMW-06-250**	**SVMW-06-302.5**	**SVMW-06-302.5**	**SVMW-06-300**	**SVMW-07-49.5**	**SVMW-07-49.5**
Date Collected	**02/21/03**	**02/27/07**	**08/27/07**	**02/21/03**	**02/27/07**	**08/27/07**	**02/21/03**	**02/27/07**	**08/27/07**	**02/21/03**	**02/27/07**	**08/27/07**	**02/25/03**	**03/02/07**
Sample Depth (ft. bgs)	**50**	**50**	**50**	**99.5**	**99.5**	**100**	**252**	**252**	**250**	**302.5**	**302.5**	**300**	**49.5**	**49.5**
VOCs (ppbv)														
1,1,1-Trichloroethane	33.4 U	2.2 U	< 1.28	62.5 U	18.5 U	< 6.19	2,500 U	10,474.1 U	< 1.6	2,500 U	23,093.6 U	< 6.55	835 U	522.5 UJ
1,1,2,2-Tetrachloroethane	33.4 U	2.2 U	< 0.94	62.5 U	18.5 U	< 4.52	2,500 U	10,474.1 U	< 1.17	2,500 U	23,093.6 U	< 4.78	835 U	522.5 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	33.4 U	2.2 U	< 1.04	62.5 U	18.5 U	< 5.02	2,500 U	10,474.1 U	< 1.3	2,500 U	23,093.6 U	< 5.31	835 U	522.5 UJ
1,1-Dichloroethane	33.4 U	2.2 U	< 1.27	62.5 U	18.5 U	< 6.15	2,500 U	10,474.1 U	< 1.59	2,500 U	23,093.6 U	< 6.51	835 U	522.5 UJ
1,1-Dichloroethene	33.4 U	2.2 U	< 1.24	62.5 U	18.5 U	< 5.99	2,500 U	10,474.1 U	< 1.55	2,500 U	23,093.6 U	< 6.34	835 U	522.5 UJ
1,2,4-Trichlorobenzene	33.4 U	2.2 UJ	< 0.9	62.5 U	18.5 UJ	< 4.34	2,500 U	10,474.1 UJ	< 1.12	2,500 U	23,093.6 UJ	< 4.59	835 U	522.5 UJ
1,2,4-Trimethylbenzene	45.4F	2.06 J	< 0.86	62.5 U	18.5 U	< 4.15	2,500 U	15,200	26.3	2,500 U	4,850 J	< 4.39	835 U	590 J
1,2-Dibromoethane (EDB)	33.4 U	2.2 U	< 1.06	62.5 U	18.5 U	< 5.1	2,500 U	10,474.1 U	< 1.32	2,500 U	23,093.6 U	< 5.4	835 U	522.5 UJ
1,2-Dichloro,1,1,2,2-tetrafluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	33.4 U	2.2 U	< 0.79	62.5 U	18.5 U	< 3.82	2,500 U	10,474.1 U	< 0.99	2,500 U	23,093.6 U	< 4.05	835 U	522.5 UJ
1,2-Dichloroethane	33.4 U	2.2 U	< 1.19	62.5 U	18.5 U	< 5.75	2,500 U	10,474.1 U	< 1.49	2,500 U	23,093.6 U	< 6.09	835 U	522.5 UJ
1,2-Dichloropropane	33.4 U	2.2 U	< 1.51	62.5 U	18.5 U	< 7.29	2,500 U	10,474.1 U	< 1.89	2,500 U	23,093.6 U	< 7.72	835 U	522.5 UJ
1,3,5-Trimethylbenzene	33.4 U	0.82 J	< 0.78	62.5 U	2.78 J	< 3.75	2,500 U	8,800 J	11.7 J	2,500 U	2,770 J	< 3.97	835 U	226 J
1,3-Dichlorobenzene	33.4 U	2.2 U	< 0.79	62.5 U	18.5 U	< 3.82	2,500 U	10,474.1 U	< 0.99	2,500 U	23,093.6 U	< 4.05	835 U	522.5 UJ
1,4-Dichlorobenzene	33.4 U	2.2 U	< 0.92	62.5 U	18.5 U	< 4.43	2,500 U	10,474.1 U	< 1.15	2,500 U	23,093.6 U	< 4.69	835 U	522.5 UJ
2-Butanone (MEK)	NT	2.2 U	181	NT	18.5 U	< 13.13	NT	10,474.1 U	30.9	NT	23,093.6 U	< 13.9	NT	1,160 J
Acetone	67 U	4.4 UJ	192	17 U	37 UJ	< 44.5	5,000 U	20,948 UJ	40.3 J	5,000 U	46,187.2 UJ	< 47.13	1,670 U	1,100 J
Benzene	884	15.3	20.5	1,150	301	< 5.68	348,000	796,000	912	162,000	564,000	< 6.02	53,800	21,500 J
Bromomethane	33.4 U	2.2 U	< 1.06	62.5 U	18.5 U	< 5.13	2,500 U	10,474.1 U	< 1.33	2,500 U	23,093.6 U	< 5.44	835 U	522.5 UJ
Carbon tetrachloride	33.4 U	2.2 U	< 1.4	62.5 U	18.5 U	< 6.76	2,500 U	10,474.1 U	< 1.75	2,500 U	23,093.6 U	< 7.16	835 U	522.5 UJ
Chlorobenzene	33.4 U	2.2 U	< 1.07	62.5 U	18.5 U	< 5.17	2,500 U	10,474.1 U	< 1.34	2,500 U	23,093.6 U	< 5.47	835 U	522.5 UJ
Chloroethane	33.4 U	2.2 U	< 1.78	62.5 U	18.5 U	< 8.59	2,500 U	10,474.1 U	< 2.23	2,500 U	23,093.6 U	< 9.1	835 U	522.5 UJ
Chloroform	33.4 U	2.2 U	< 1.28	62.5 U	18.5 U	< 6.19	2,500 U	10,474.1 U	< 1.6	2,500 U	23,093.6 U	< 6.55	835 U	522.5 UJ
Chloromethane	33.4 U	2.2 U	< 1.7	62.5 U	18.5 U	< 8.21	2,500 U	10,474.1 U	< 2.13	2,500 U	23,093.6 U	< 8.69	835 U	522.5 UJ
cis-1,2-Dichloroethene	33.4 U	0.33 J	< 1.36	62.5 U	18.5 U	< 6.57	2,500 U	10,474.1 U	< 1.7	2,500 U	23,093.6 U	< 6.96	835 U	522.5 UJ
cis-1,3-Dichloropropene	33.4 U	2.2 U	< 0.89	62.5 U	18.5 U	< 4.31	2,500 U	10,474.1 U	< 1.12	2,500 U	23,093.6 U	< 4.57	835 U	522.5 UJ
Dichlorodifluoromethane	33.4 U	2.2 U	< 1.27	62.5 U	18.5 U	< 6.13	2,500 U	10,474.1 U	< 1.59	2,500 U	23,093.6 U	< 6.49	835 U	522.5 UJ
Ethylbenzene	375	4.88	3.04 J	66.2F	30.2	< 4.15	16,200	56,400	35.9	8,850	61,400	16.1 J	2,920	1,470 J
Hexachlorobutadiene	33.4 U	2.2 UJ	< 0.59	62.5 U	18.5 UJ	< 2.84	2,500 U	10,474.1 UJ	< 0.73	2,500 U	23,093.6 UJ	< 3	835 U	522.5 UJ
m,p-Xylenes	834	10.2	8.03 J	174F	74.4	< 9.3	27,500	191,000	116	13,400	120,000	35.5 J	5,140	4,200 J
Methyl isobutyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	2.2 U	< 2.93	NT	18.5 U	< 14.15	NT	10,474.1 U	< 3.67	NT	23,093.6 U	< 14.98	NT	522.5 UJ
Methylene chloride	80.7 U	4.6	< 5.33	102 U	18.5 U	< 25.69	4,700 U	10,474.1 U	< 6.66	3,400 U	23,093.6 U	< 27.21	22,600	522.5 UJ
o-xylene	242	3.4	4.34 J	62.5F	22.6	< 4.92	7,000	70,600	49.6	3,350F	30,300	< 5.21	1,340F	1,200 J
Styrene	33.4 U	2.2 U	< 0.75	62.5 U	18.5 U	< 3.6	2,500 U	3,460 J	< 0.93	2,500 U	23,093.6 U	< 3.81	835 U	522.5 UJ
Tetrachloroethene (PCE)	33.4 U	2.2 U	< 1.11	62.5 U	18.5 U	< 5.33	2,500 U	10,474.1 U	< 1.38	2,500 U	23,093.6 U	< 5.65	835 U	522.5 UJ
Toluene	4,480	52.6	36.7	958	574	23 J	479,000	986,000	558	279,000	1,140,000	576	96,500	23,100 J
trans-1,3-Dichloropropene	33.4 U	2.2 U	< 0.86	62.5 U	18.5 U	< 4.15	2,500 U	10,474.1 U	< 1.07	2,500 U	23,093.6 U	< 4.39	835 U	522.5 UJ
Trichloroethene (TCE)	33.4 U	2.2 U	< 1.37	62.5 U	18.5 U	< 6.6	2,500 U	10,474.1 U	< 1.71	2,500 U	23,093.6 U	< 6.99	835 U	522.5 UJ
Trichlorofluoromethane	33.4 U	2.2 U	< 1.29	62.5 U	18.5 U	< 6.24	2,500 U	10,474.1 U	< 1.62	2,500 U	23,093.6 U	< 6.61	835 U	522.5 UJ
Trichlorotrifluoroethane	---	---	< 1.2	---	---	< 5.79	---	---	< 1.5	---	---	< 6.14	---	---
Vinyl chloride	33.4 U	2.2 U	< 1.15	62.5 U	18.5 U	< 5.55	2,500 U	10,474.1 U	< 1.44	2,500 U	23,093.6 U	< 5.88	835 U	522.5 UJ
TPH - Gasoline	129	87.5	96.2	14,100	922	33.1	153,000	83,000	69.1	117,000	71,400	334	37,800	127,000
Fixed Gases (percent)														
Oxygen	12.00	19.3	23.4	4.67	8.16	18.9	7.76	9.32	18.5	13.60	12.9	18.8	8.94	13.2
Nitrogen	64.20	57.8	74.8	67.40	59.5	62.2	65.80	61.2	57	63.40	62.9	58.7	53.2	61.8
Carbon Monoxide	0.048 U	1.1 U	< 0.15	0.048 U	1.1 U	< 0.15	0.048 U	1.1 U	< 0.15	0.048 U	1.1 U	< 0.14	0.048 U	1 U
Methane	0.058 U	1.1 U	< 0.22	0.058 U	1.1 U	< 0.23	0.058 U	1.1 U	< 0.22	0.058 U	1.1 U	< 0.21	0.058 U	1 U
Carbon Dioxide	2.26	1.1 U	< 0.22	6.32	6.66	< 0.23	1.49	1.99	< 0.22	0.35F	0.89 J	< 0.22	0.21F	0.62 J

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 4 of 24

Sample Field ID	**SVMW-07-50**	**SVMW-07-50 DUP**	**SVMW-07-95.5**	**SVMW-07-95.5**	**SVMW-07-100**	**SVMW-07-147**	**SVMW-07-147**	**SVMW-07-150**	**SVMW-08-50**	**SVMW-08-50**	**SVMW-08-100**	**SVMW-08-100**	**SVMW-08-250**
Date Collected	**08/27/07**	**08/27/07**	**02/21/03**	**03/02/07**	**08/27/07**	**02/21/03**	**03/02/07**	**08/27/07**	**02/25/03**	**04/14/03**	**02/25/03**	**04/14/03**	**02/25/03**
Sample Depth (ft. bgs)	**50**	**50**	**95.5**	**95.5**	**100**	**147**	**147**	**150**	**50**	**50**	**100**	**100**	**250**
VOCs (ppbv)													
1,1,1-Trichloroethane	< 110.38	< 49.56	715 U	3,079.9 UJ	< 297.59	8.35 U	253.8 UJ	< 1.37	1,000 U	785 U	1,000 U	108 U	2,860 U
1,1,2,2-Tetrachloroethane	< 80.57	< 36.18	715 U	3,079.9 UJ	< 217.23	8.35 U	253.8 UJ	< 1	1,000 U	785 U	1,000 U	108 U	2,860 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	--	--	8.35 U	253.8 UJ	--	--	--	--	--	--
1,1,2-Trichloroethane	< 89.48	< 40.18	715 U	3,079.9 UJ	< 241.25	8.35 U	253.8 UJ	< 1.11	1,000 U	785 U	1,000 U	108 U	2,860 U
1,1-Dichloroethane	< 109.73	< 49.27	715 U	3,079.9 UJ	< 295.83	8.35 U	253.8 UJ	< 1.36	1,000 U	785 U	1,000 U	108 U	2,860 U
1,1-Dichloroethene	< 106.83	< 47.97	715 U	3,079.9 UJ	< 288.02	8.35 U	253.8 UJ	< 1.33	1,000 U	785 U	1,000 U	108 U	2,860 U
1,2,4-Trichlorobenzene	< 77.41	< 34.76	715 U	3,079.9 UJ	< 208.69	8.35 U	253.8 UJ	< 0.96	1,000 U	785 U	1,300F	108 U	2,860 U
1,2,4-Trimethylbenzene	< 73.97	< 33.22	715 U	5,910 J	< 199.43	8.35 U	796 J	< 0.92	1,780F	4,930	1,760F	2,840	2,860 U
1,2-Dibromoethane (EDB)	< 90.96	< 40.85	715 U	531 J	< 245.25	8.35 U	253.8 UJ	< 1.13	1,000 U	801F	1,000 U	108 U	2,860 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	--	--	--	--	--	--	253.8 UJ	--	--	--	--	--	--
1,2-Dichlorobenzene	< 68.17	< 30.61	715 U	3,079.9 UJ	< 183.79	8.35 U	253.8 UJ	< 0.85	1,000 U	785 U	1,000 U	108 U	2,860 U
1,2-Dichloroethane	< 102.53	< 46.04	715 U	3,079.9 UJ	< 276.44	8.35 U	253.8 UJ	< 1.27	1,000 U	785 U	1,000 U	108 U	2,860 U
1,2-Dichloropropane	< 129.99	< 58.37	715 U	3,079.9 UJ	< 350.46	8.35 U	253.8 UJ	< 1.61	1,000 U	785 U	1,000 U	108 U	2,860 U
1,3,5-Trimethylbenzene	< 66.82	< 30.01	715 U	2,400 J	< 180.17	8.35 U	318 J	< 0.83	1,260F	2,370	1,000F	875	2,860 U
1,3-Dichlorobenzene	< 68.17	< 30.61	715 U	3,079.9 UJ	< 183.79	8.35 U	253.8 UJ	< 0.85	1,000 U	785 U	1,000 U	108 U	2,860 U
1,4-Dichlorobenzene	< 79.09	< 35.51	715 U	3,079.9 UJ	< 213.22	8.35 U	253.8 UJ	< 0.98	1,000 U	785 U	1,000 U	108 U	2,860 U
2-Butanone (MEK)	< 234.2	< 105.17	NT	12,600 J	< 631.44	NT	1,800 J	608	2,000 U	NT	2,000 U	NT	4,000 U
Acetone	< 793.94	< 356.51	1,430 U	14,200 J	< 2140.55	17 U	2,100 J	220	2,000 U	793 U	2,000 U	110 U	4,000 U
Benzene	< 101.41	< 45.54	77,100	130,000 J	< 273.42	158	8,720 J	< 1.26	104,000	62,800	134,000	10,400	253,000
Bromomethane	< 91.57	< 41.12	715 U	3,079.9 UJ	< 246.89	8.35 U	253.8 UJ	< 1.14	1,000 U	785 U	1,000 U	108 U	2,860 U
Carbon tetrachloride	< 120.56	< 54.14	715 U	3,079.9 UJ	< 325.04	8.35 U	253.8 UJ	< 1.5	1,000 U	785 U	1,000 U	108 U	2,860 U
Chlorobenzene	< 92.16	< 41.38	715 U	3,079.9 UJ	< 248.47	8.35 U	253.8 UJ	< 1.14	1,000 U	785 U	1,000 U	108 U	2,860 U
Chloroethane	< 153.33	< 68.85	715 U	3,079.9 UJ	< 413.41	8.35 U	253.8 UJ	< 1.9	1,000 U	785 U	1,000 U	108 U	2,860 U
Chloroform	< 110.38	< 49.56	715 U	3,079.9 UJ	< 297.59	8.35 U	253.8 UJ	< 1.37	1,000 U	785 U	1,000 U	108 U	2,860 U
Chloromethane	< 146.42	< 65.75	715 U	3,079.9 UJ	< 394.78	8.35 U	253.8 UJ	< 1.82	1,000 U	785 U	1,000 U	108 U	2,860 U
cis-1,2-Dichloroethene	< 117.29	< 52.67	715 U	3,079.9 UJ	< 316.22	8.35 U	253.8 UJ	< 1.46	1,000 U	785 U	1,000 U	108 U	2,860 U
cis-1,3-Dichloropropene	< 76.94	< 34.55	715 U	3,079.9 UJ	< 207.43	8.35 U	253.8 UJ	< 0.96	1,000 U	785 U	1,000 U	108 U	2,860 U
Dichlorodifluoromethane	< 109.35	< 49.1	715 U	3,079.9 UJ	< 294.82	8.35 U	253.8 UJ	< 1.36	1,000 U	785 U	1,000 U	108 U	2,860 U
Ethylbenzene	< 73.97	46.1 J	1,870	16,600 J	1510 J	8.35 U	2,670 J	1.62 J	10,900	11,300	9,660	2,780	7,940
Hexachlorobutadiene	< 50.61	< 22.73	715 U	3,079.9 UJ	< 136.46	8.35 U	253.8 UJ	< 0.63	1,000 U	785 U	1,180F	108 U	2,860 U
m,p-Xylenes	261 J	159 J	5,580	50,200 J	10300	8.35 U	7,410 J	6.26 J	39,600	49,900	17,500	7,110	18,700
Methyl isobutyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	< 252.41	< 113.34	NT	3,079.9 UJ	< 680.53	NT	253.8 UJ	< 3.14	NT	NT	NT	NT	NT
Methylene chloride	< 458.32	< 205.81	13,000 U	3,079.9 UJ	< 1235.69	165 U	253.8 UJ	< 5.69	20,000	1,290 U	17,200 U	132 U	51,300
o-xylene	205 J	67.1 J	1,290F	13,700 J	2620	8.35 U	2,320 J	2.67 J	11,600	16,500	5,280	2,540	4,510F
Styrene	< 64.25	< 28.85	715 U	3,079.9 UJ	< 173.22	8.35 U	253.8 UJ	< 0.8	1,000 U	785 U	1,000 U	108 U	2,860 U
Tetrachloroethene (PCE)	< 95.16	< 42.73	715 U	3,079.9 UJ	< 256.55	8.35 U	253.8 UJ	< 1.18	1,000 U	785 U	1,000 U	108 U	2,860 U
Toluene	11100	9000	147,000J	260,000 J	211000	40	23,000 J	36.1	176,000	113,000	140,000	18,300	232,000
trans-1,3-Dichloropropene	< 73.97	< 33.22	715 U	3,079.9 UJ	< 199.43	8.35 U	253.8 UJ	< 0.92	1,000 U	785 U	1,000 U	108 U	2,860 U
Trichloroethene (TCE)	< 117.76	< 52.88	715 U	3,079.9 UJ	< 317.48	8.35 U	253.8 UJ	< 1.46	1,000 U	785 U	1,000 U	108 U	2,860 U
Trichlorofluoromethane	< 111.41	< 50.03	715 U	3,079.9 UJ	< 300.36	8.35 U	253.8 UJ	< 1.38	1,000 U	785 U	1,000 U	108 U	2,860 U
Trichlorotrifluoroethane	< 103.37	< 46.42	---	---	< 278.71	---	--	< 1.28	---	---	---	---	---
Vinyl chloride	< 98.99	< 44.45	715 U	3,079.9 UJ	< 266.88	8.35 U	253.8 UJ	< 1.23	1,000 U	785 U	1,000 U	108 U	2,860 U
TPH - Gasoline	3510	3450	41,600	19,100	7670	372	1,270	33.1	42,300	20,000	41,400	5,520	78,400
Fixed Gases (percent)													
Oxygen	12.9 J	9.49 J	9.5	10.8	16.3	18.3	14.4	10.9	10.8	9.43	12	22.3	14.8
Nitrogen	66.8	64	63.3	58.9	75.8	60.4	67.1	65.8	63.4	80.9	63.6	76.7	62.1
Carbon Monoxide	< 0.16	< 0.15	0.048 U	1.1 U	< 0.16	0.048 U	1 U	< 0.16	0.048 U	0.19 U	0.048 U	0.20 U	0.048 U
Methane	< 0.23	< 0.23	0.058 U	1.1 U	< 0.23	0.058 U	1 U	< 0.23	0.058 U	0.21 U	0.058 U	0.22 U	0.058 U
Carbon Dioxide	4.91	9.47	4.94	6.09	4.97	0.87 U	6	9.27	4.37	7.51	2.99	0.19 U	1.29

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 5 of 24

Sample Field ID	**SVMW-08-250**	**SVMW-08-250**	**SVMW-08-250**	**SVMW-08-250**	**SWMW-08-250**	**SVMW-08-266**	**SVMW-09-50**	**SVMW-09-50**	**SVMW-09-100**	**SVMW-09-100**	**SVMW-09-250**	**SVMW-09-250**	**SVMW-09-250**	**SVMW-09-250**
Date Collected	**04/14/03**	**04/18/03**	**04/21/03**	**05/30/03**	**06/13/03**	**04/14/03**	**02/20/03**	**04/14/03**	**02/20/03**	**04/14/03**	**02/20/03**	**04/14/03**	**04/18/03**	**04/21/03**
Sample Depth (ft. bgs)	**250**	**250**	**250**	**250**	**250**	**266**	**50**	**50**	**100**	**100**	**250**	**250**	**250**	**250**
VOCs (ppbv)														
1,1,1-Trichloroethane	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
1,1,2,2-Tetrachloroethane	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
1,1-Dichloroethane	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
1,1-Dichloroethene	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
1,2,4-Trichlorobenzene	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
1,2,4-Trimethylbenzene	1,160F	4,890 U	22.8	4,650 U	4,300 U	528	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	24.6
1,2-Dibromoethane (EDB)	1,080 U	4,890 U	15.2	4,650 U	4,300 U	35.7F	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
1,2-Dichloroethane	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
1,2-Dichloropropane	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
1,3,5-Trimethylbenzene	1,080 U	4,890 U	15.5	4,650 U	4,300 U	208	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	9.49
1,3-Dichlorobenzene	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
1,4-Dichlorobenzene	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
2-Butanone (MEK)	NT	NT	NT	NT	NT	NT	1,000 U	NT	3,330 U	NT	1,000 U	NT	NT	NT
Acetone	1,090 U	4,940 U	535	4,700 U	4,340 U	19.4 U	1,000 U	2,080 U	3,330 U	5,860 U	1,000 U	3,690 U	5,100 U	213
Benzene	108,000	486,000	334	467,000	477,000	894	120,000	167,000	269,900	467,000	54,200	399,000	477,000	71.5
Bromomethane	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Carbon tetrachloride	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Chlorobenzene	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Chloroethane	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Chloroform	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Chloromethane	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
cis-1,2-Dichloroethene	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
cis-1,3-Dichloropropene	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Dichlorodifluoromethane	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Ethylbenzene	7,570	21,800	58.7	13,600	23,900	525	7,710	16,900	12,000	39,700	2,910	19,000	17,400	21
Hexachlorobutadiene	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
m,p-Xylenes	23,500	51,400	173	37,800	71,700	2,090	12,900	31,000	23,000	89,900	5,480	49,300	40,400	61.6
Methyl isobutyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene chloride	2,170 U	156,000	12.4 U	16,400 U	20,000	21.9 U	5,100 U	2,060 U	14,900 U	5,800 U	5,780 U	3,650 U	97,800	4.45 U
o-xylene	6,690	12,700	95.9	9,110F	18,100	705	3,820	12,000	5,190	26,000	1,290	10,700	8,480F	23.2
Styrene	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Tetrachloroethene (PCE)	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Toluene	166,000	576,000	628	495,000	656,000	3,740	124,000	210,000	380,000	892,000	79,300	574,000	611,000	123
trans-1,3-Dichloropropene	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Trichloroethene (TCE)	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Trichlorofluoromethane	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
Trichlorotrifluoroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	1,080 U	4,890 U	6.10 U	4,650 U	4,300 U	19.2 U	500 U	2,060 U	1,660 U	5,800 U	500 U	3,650 U	5,050 U	1.84 U
TPH - Gasoline	35,700	67,100	47.71 U	59,500	132,000	4,190	46,100	48,300	166,000	54,000	55,600	118,000	96,600	51.34 U
Fixed Gases (percent)														
Oxygen	19.7	16.7	21.4	8.8	14.2	29.4	12.70	12.00	11.50	13.70	17.90	13.60	16.00	21.00
Nitrogen	78.8	86.7	73	76.2	90.1	100	62.90	79.30	83.50	82.90	60.80	73.20	82.60	71.40
Carbon Monoxide	0.20 U	0.21 U	0.21 U	0.23 U	0.16 U	0.38 U	0.048 U	0.18 U	0.048 U	0.20 U	0.048 U	0.20 U	0.20 U	0.22 U
Methane	0.22 U	0.24 U	0.23 U	0.25 U	0.18 U	0.42 U	0.058 U	0.21 U	0.058 U	0.22 U	0.058 U	0.23 U	0.22 U	0.25 U
Carbon Dioxide	1.09F	2.46	0.19 U	3.19	2.79	0.35 U	3.49	6.56	5.00	5.49	0.087 U	1.68	1.61	0.21 U

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 6 of 24

Sample Field ID	**SVMW-09-250**	**SVMW-09-250**	**SVMW-09-266**	**SVMW-09-266**	**SVMW-10-50**	**SVMW-10-50**	**SVMW-10-50**	**SVMW-10-50**	**SVMW-10-100**	**SVMW-10-100**	**SVMW-10-100**	**SVMW-10-100-SPLIT**	**SVMW-10-100**	**SVMW-10-150**
Date Collected	**05/30/03**	**06/13/03**	**02/20/03**	**04/14/03**	**02/25/03**	**04/14/03**	**03/02/07**	**08/23/07**	**02/25/03**	**04/14/03**	**03/02/07**	**03/02/07**	**08/23/07**	**02/25/03**
Sample Depth (ft. bgs)	**250**	**250**	**266**	**266**	**50**	**50**	**50**	**50**	**100**	**100**	**100**	**100 CAS**	**100**	**150**
VOCs (ppbv)														
1,1,1-Trichloroethane	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 3895.64	5,000 U	9,950 U	21,189.2 UJ	5,300 U	< 35086.96	2,500 U
1,1,2,2-Tetrachloroethane	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 2843.62	5,000 U	9,950 U	21,189.2 UJ	4,200 U	< 25611.7	2,500 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	4,480 U	4,500 U	1,000 U	4,780 U	3570 U	13,800 U	26,461.8 UJ	< 3158.04	5,000 U	9,950 U	21,189.2 UJ	5,300 U	< 28443.59	2,500 U
1,1-Dichloroethane	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 3872.57	5,000 U	9,950 U	21,189.2 UJ	7,100 U	< 34879.17	2,500 U
1,1-Dichloroethene	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 3770.4	5,000 U	9,950 U	21,189.2 UJ	7,300 U	< 33958.95	2,500 U
1,2,4-Trichlorobenzene	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 2731.89	5,000 U	9,950 U	21,189.2 UJ	---	< 24605.4	2,500 U
1,2,4-Trimethylbenzene	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	24,300 J	16800 J	5,000 U	9,950 U	14,300 J	---	59400 J	3,300F
1,2-Dibromoethane (EDB)	4,480 U	4,500 U	1,000 U	4,780 U	4,000F	13,800F	6,620 J	< 3210.44	5,000 U	9,950 U	21,189.2 UJ	1,300 J	44500 J	2,500 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	2,990 J	< 2405.93	5,000 U	9,950 U	21,189.2 UJ	4,800 U	< 21669.61	2,500 U
1,2-Dichloroethane	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 3618.79	5,000 U	9,950 U	21,189.2 UJ	7,100 U	< 32593.47	2,500 U
1,2-Dichloropropane	4,480 U	4,500 U	1,000 U	4,780 U	3570 U	13,800 U	26,461.8 UJ	< 4587.75	5,000 U	9,950 U	21,189.2 UJ	6,200 U	< 41320.68	2,500 U
1,3,5-Trimethylbenzene	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	12,800 J	7910 J	5,000 U	9,950 U	7,360 J	---	26700 J	2,500 U
1,3-Dichlorobenzene	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	2,800 J	< 2405.93	5,000 U	9,950 U	21,189.2 UJ	4,800 U	< 21669.61	2,500 U
1,4-Dichlorobenzene	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	2,890 J	< 2791.21	5,000 U	9,950 U	21,189.2 UJ	4,800 U	< 25139.72	2,500 U
2-Butanone (MEK)	NT	NT	2,000 U	NT	7,140 U	NT	192,000 J	225000	26,500	NT	215,000 J	110,000	1160000	5,000 U
Acetone	4,520 U	4,540 U	2,000 U	2,410 U	14,000	13,900 U	425,000 J	1140000	10,000 U	2,530,000	651,000 J	540,000	5460000	223,000
Benzene	576,000	478,000	120,000	398,000	516,000	1,010,000	408,000 J	427000	386,000	851,000	712,000 J	330,000	1570000	291,000
Bromomethane	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 3231.86	5,000 U	9,950 U	21,189.2 UJ	7,400 U	< 29108.52	2,500 U
Carbon tetrachloride	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 4254.88	5,000 U	9,950 U	21,189.2 UJ	4,600 U	< 38322.56	2,500 U
Chlorobenzene	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 3252.63	5,000 U	9,950 U	21,189.2 UJ	6,300 U	< 29295.53	2,500 U
Chloroethane	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 5411.7	5,000 U	9,950 U	21,189.2 UJ	11,000 U	< 48741.78	2,500 U
Chloroform	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 3895.64	5,000 U	9,950 U	21,189.2 UJ	5,900 U	< 35086.96	2,500 U
Chloromethane	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 5167.81	5,000 U	9,950 U	21,189.2 UJ	14,000 U	< 46545.14	2,500 U
cis-1,2-Dichloroethene	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 4139.52	5,000 U	9,950 U	21,189.2 UJ	7,300 U	< 37283.61	2,500 U
cis-1,3-Dichloropropene	4,480 U	4,500 U	1,000 U	4,780 U	3570 U	13,800 U	26,461.8 UJ	< 2715.41	5,000 U	9,950 U	21,189.2 UJ	6,300 U	< 24456.98	2,500 U
Dichlorodifluoromethane	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 3859.38	5,000 U	9,950 U	21,189.2 UJ	---	< 34760.43	2,500 U
Ethylbenzene	20,900	25,300	7,160	29,100	19,600	65,400	85,500 J	68900	33,200	55,500	80,400 J	20,000	496000	20,000
Hexachlorobutadiene	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 1786.32	5,000 U	9,950 U	21,189.2 UJ	---	< 16088.94	2,500 U
m,p-Xylenes	57,300	70,600	11,800	51,800	35,900	144,000	239,000 J	180000	64,400	107,000	205,000 J	54,000	1410000	40,800
Methyl isobutyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	NT	26,461.8 UJ	< 8908.55	NT	NT	21,189.2 UJ	8,000 U	< 80236.93	NT
Methylene chloride	13,900 U	20,000 U	8,680 U	6,490 U	5,570 U	15,700 U	26,461.8 UJ	69500	6,800 U	40,200 U	21,189.2 UJ	8,300 U	172000 J	4,950 U
o-xylene	13,400	17,600	3,800	14,000	7,850	34,900	69,000 J	50400	16,300	26,700	60,200 J	13,000	407000	11,600
Styrene	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 2267.51	5,000 U	9,950 U	21,189.2 UJ	6,800 U	< 20422.87	2,500 U
Tetrachloroethene (PCE)	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 3358.42	5,000 U	9,950 U	21,189.2 UJ	4,200 U	< 30248.4	2,500 U
Toluene	702,000	664,000	137,000	550,000	931,000	2,030,000	1,160,000 J	1260000	638,000	1,180,000	1,240,000 J	460,000	8170000	319,000
trans-1,3-Dichloropropene	4,480 U	4,500 U	1,000 U	4,780 U	3570 U	13,800 U	26,461.8 UJ	< 2610.6	5,000 U	9,950 U	21,189.2 UJ	6,300 U	< 23513.01	2,500 U
Trichloroethene (TCE)	4,480 U	4,500 U	1,000 U	4,780 U	3570 U	13,800 U	26,461.8 UJ	< 4156	5,000 U	9,950 U	21,189.2 UJ	5,400 U	< 37432.03	2,500 U
Trichlorofluoromethane	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 3931.89	5,000 U	9,950 U	21,189.2 UJ	5,100 U	< 35413.49	2,500 U
Trichlorotrifluoroethane	---	---	---	---	---	---	---	< 3648.45	---	---	---	---	< 32860.63	---
Vinyl chloride	4,480 U	4,500 U	1,000 U	4,780 U	3,570 U	13,800 U	26,461.8 UJ	< 3493.55	5,000 U	9,950 U	21,189.2 UJ	11000 U	< 31465.46	2,500 U
TPH - Gasoline	109,000	167,000	47,500	122,000	177,000	227,000	24,500	29400	206,000	201,000	5,140	19,000	25000	117,000
Fixed Gases (percent)														
Oxygen	9.66	15.10	17.60	14.10	9.30	6.90	14.3	11.1	10.00	5.63	12.1	9.42	11.1	2.61
Nitrogen	75.20	90.20	60.60	73.90	62.00	74.40	62.1	62.9	62.60	75.90	68.3	83.8	66.9	25.70
Carbon Monoxide	0.22 U	0.14 U	0.048 U	0.20 U	0.048 U	0.20 U	1.1 U	< 0.15	0.048 U	0.19 U	1.1 U	0.14 U	< 0.16	0.048 U
Methane	0.24 U	0.15 U	0.058 U	0.22 U	0.058 U	0.22 U	1.1 U	< 0.23	0.058 U	0.22 U	1.1 U	0.14 U	< 0.23	0.058 U
Carbon Dioxide	2.79	2.36	0.30F	1.71	5.83	9.69	2.06	9.5	4.11	8.84	5.64	6.77	10.1	1.00

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 7 of 24

Sample Field ID	SVMW-10-150	SVMW-10-150	SVMW-10-150-SPLIT	SVMW-10-150	SVMW-10-250	SVMW-10-250	SVMW-10-250	SVMW-10-250	SVMW-10-250	SVMW-10-250	SVMW-10-250	SVMW-10-250	SVMW-11-50	SVMW-11-50
Date Collected	**04/14/03**	**03/02/07**	**03/02/07**	**08/23/07**	**02/25/03**	**04/14/03**	**04/18/03**	**04/21/03**	**05/30/03**	**06/13/03**	**03/02/07**	**08/23/07**	**02/25/03**	**04/14/03**
Sample Depth (ft. bgs)	**150**	**150**	**150 CAS**	**150**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**50**	**50**
VOCs (ppbv)														
1,1,1-Trichloroethane	3,060 U	29,382.2 U	1,800 U	< 8168.33	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3775.19	2,500 U	5,850 U
1,1,2,2-Tetrachloroethane	3,060 U	29,382.2 U	1,400 U	< 5962.47	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 2755.7	2,500 U	5,850 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	3,060 U	29,382.2 U	1,800 U	< 6621.74	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3060.39	2,500 U	5,850 U
1,1-Dichloroethane	3,060 U	29,382.2 U	2,400 U	< 8119.96	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3752.83	2,500 U	5,850 U
1,1-Dichloroethene	3,060 U	29,382.2 U	2,500 U	< 7905.73	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3653.82	2,500 U	5,850 U
1,2,4-Trichlorobenzene	3,060 U	29,382.2 UJ	---	< 5728.2	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 UJ	< 2647.42	2,500 U	5,850 U
1,2,4-Trimethylbenzene	8,890	25,900 J	---	50400 J	2,280 U	10,000 U	7,450 U	76.7	12,500	5,550 U	24,300	12900 J	2,500 U	5,850 U
1,2-Dibromoethane (EDB)	3,060 U	29,382.2 U	530 J	< 6731.62	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3111.18	2,500 U	5,850 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	3,060 U	29,382.2 U	1,600 U	< 5044.74	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 2331.55	2,500 U	5,850 U
1,2-Dichloroethane	3,060 U	29,382.2 U	2,400 U	< 7587.84	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3506.9	2,500 U	5,850 U
1,2-Dichloropropane	3,060 U	29,382.2 U	2,100 U	< 9619.56	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 4445.91	2,500 U	5,850 U
1,3,5-Trimethylbenzene	4,050F	8,810 J	---	19300 J	2,280 U	10,000 U	7,450 U	32	6,240F	7,770 F	8,500 J	6470 J	2,500 U	5,850 U
1,3-Dichlorobenzene	3,060 U	29,382.2 U	1,600 U	< 5044.74	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 2331.55	2,500 U	5,850 U
1,4-Dichlorobenzene	3,060 U	29,382.2 U	1,600 U	< 5852.59	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 2704.91	2,500 U	5,850 U
2-Butanone (MEK)	NT	626,000	38,000	1640000	4,550 U	NT	NT	NT	NT	NT	210,000	261000	5,000 U	NT
Acetone	880,000	2,880,000 J	290,000	6570000	179,000	10,200 U	1,100,000	377	1,190,000	991,000	1,140,000 J	1780000	5,000 U	5,910 U
Benzene	335,000	166,000	140,000	660000	881,000	1,090,000	1,060,000	104	1,010,000	844,000	432,000	154000	166,000	293,000
Bromomethane	3,060 U	29,382.2 U	2,500 U	< 6776.53	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3131.94	2,500 U	5,850 U
Carbon tetrachloride	3,060 U	29,382.2 U	1,600 U	< 8921.58	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 4123.32	2,500 U	5,850 U
Chlorobenzene	3,060 U	29,382.2 U	2,100 U	< 6820.07	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3152.06	2,500 U	5,850 U
Chloroethane	3,060 U	29,382.2 U	3,700 U	< 11347.21	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 5244.38	2,500 U	5,850 U
Chloroform	3,060 U	29,382.2 U	2,000 U	< 8168.33	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3775.19	2,500 U	5,850 U
Chloromethane	3,060 U	29,382.2 U	4,800 U	< 10835.82	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 5008.04	2,500 U	5,850 U
cis-1,2-Dichloroethene	3,060 U	29,382.2 U	2,500 U	< 8679.71	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 4011.54	2,500 U	5,850 U
cis-1,3-Dichloropropene	3,060 U	29,382.2 U	2,200 U	< 5693.64	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 2631.45	2,500 U	5,850 U
Dichlorodifluoromethane	3,060 U	29,382.2 U	---	< 8092.31	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3740.06	2,500 U	5,850 U
Ethylbenzene	46,600	27,600 J	11,000	< 5473.89	46,500	77,400	47,800	97.6	91,600	69,300	31,000	68200	15,100	36,600
Hexachlorobutadiene	3,060 U	29,382.2 UJ	---	< 3745.55	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 UJ	< 1731.09	2,500 U	5,850 U
m,p-Xylenes	107,000	79,300	32,000	306000	83,200	151,000	88,200	264	210,000	151,000	92,300	183000	31,600	77,100
Methyl isobutyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	29,382.2 U	2,700 U	< 18679.35	NT	NT	NT	NT	NT	NT	20,235.2 U	< 8633.11	NT	NT
Methylene chloride	64,500	45,000	240 J	< 33917.22	5,780 U	68,300 U	116,000	6.71 U	11,800 U	26,000 U	20,235.2 U	< 15675.66	20,800 U	97,500 U
o-xylene	32,600	24,700	8,900	92600	22,300	40,600	20,900	94	60,100	42,300	25,700	49900	7,500	19,800
Styrene	3,060 U	29,382.2 U	2,300 U	< 4754.49	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 2197.4	2,500 U	5,850 U
Tetrachloroethene (PCE)	3,060 U	29,382.2 U	1,500 U	< 7041.9	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3254.58	2,500 U	5,850 U
Toluene	415,000	300,000	190,000	1660000	855,000	1,220,000	1,050,000	352	1,180,000	978,000	634,000	899000	390,000	776,000
trans-1,3-Dichloropropene	3,060 U	29,382.2 U	2,200 U	< 5473.89	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 2529.89	2,500 U	5,850 U
Trichloroethene (TCE)	3,060 U	29,382.2 U	1,800 U	< 8714.27	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 4027.51	2,500 U	5,850 U
Trichlorofluoromethane	3,060 U	29,382.2 U	1,800 U	< 8244.35	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3810.32	2,500 U	5,850 U
Trichlorotrifluoroethane	---	---	---	< 7650.03	---	---	---	---	---	---	---	< 3535.65	---	---
Vinyl chloride	3,060 U	29,382.2 U	3,900 U	< 7325.24	2,280 U	10,000 U	7,450 U	2.40 U	6,000 U	5,550 U	20,235.2 U	< 3385.53	2,500 U	5,850 U
TPH - Gasoline	105,000	4,700	4,800	26700	108,000	120,000	152,000	50.78 U	221,000	148,000	17,100	21100	105,000	82,300
Fixed Gases (percent)														
Oxygen	6.44	14.6	15.4	16	11.30	9.67	11.30	20.40	NR	14.40	14.4	17	12.90	7.82
Nitrogen	85.90	61.6	82.3	77.2	59.30	75.50	79.50	69.30	NR	95.20	59.5	68.7	61.80	79.90
Carbon Monoxide	0.30 U	1 U	0.15 U	< 0.16	0.048 U	0.20 U	0.20 U	0.22 U	0.19 U	0.2 U	1.1 U	< 0.16	0.048 U	0.20 U
Methane	0.33 U	1 U	0.15 U	< 0.23	0.058 U	0.22 U	0.22 U	0.25 U	0.21 U	0.23 U	1.1 U	< 0.23	0.058 U	0.22 U
Carbon Dioxide	6.60	1.96	2.33	8.24	3.13	3.81	2.99	0.21 U	1.00F	2.82	1.86	6.38	2.96	9.51

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 8 of 24

Sample Field ID	**SVMW-11-50**	**SVMW-11-50 SPLIT**	**SVMW-11-50**	**SVMW-11-100**	**SVMW-11-100**	**SVMW-11-100**	**SVMW-11-100**	**SVMW-11-250**	**SVMW-11-250**	**SVMW-11-250**	**SVMW-11-250**	**SVMW-11-250**	**SVMW-11-250**	**SVMW-11-250**
Date Collected	**03/02/07**	**03/02/07**	**08/23/07**	**02/25/03**	**04/14/03**	**03/02/07**	**08/23/07**	**02/25/03**	**04/14/03**	**04/18/03**	**04/21/03**	**05/30/03**	**06/13/03**	**03/02/07**
Sample Depth (ft. bgs)	**50**	**50 CAS**	**50**	**100**	**100**	**100**	**100**	**250**	**250**	**250**	**250**	**250**	**250**	**250**
VOCs (ppbv)														
1,1,1-Trichloroethane	21,689.7 UJ	2,700 U	< 1336.61	125 U	13,400 U	46,498 U	< 3244.35	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
1,1,2,2-Tetrachloroethane	21,689.7 UJ	2,200 U	< 975.65	125 U	13,400 U	46,498 U	< 2368.21	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	21,689.7 UJ	2,700 U	< 1083.53	125 U	13,400 U	46,498 U	< 2630.07	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
1,1-Dichloroethane	21,689.7 UJ	3,700 U	< 1328.69	125 U	13,400 U	46,498 U	< 3225.14	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
1,1-Dichloroethene	21,689.7 UJ	3,700 U	< 1293.64	125 U	13,400 U	46,498 U	< 3140.05	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
1,2,4-Trichlorobenzene	21,689.7 UJ	---	< 937.32	125 U	13,400 U	46,498 UJ	< 2275.16	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
1,2,4-Trimethylbenzene	58,000 J	---	14500	4,160	13,400 U	51,100	44200	5,000 U	7,380F	7,540F	126	5,200 U	10,100 F	87,600 J
1,2-Dibromoethane (EDB)	21,689.7 UJ	320 J	< 1101.51	125 U	13,400 U	46,498 U	< 2673.71	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
1,2-Dichloro,1,1,2,2-tetrafluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	21,689.7 UJ	2,500 U	< 825.48	125 U	13,400 U	46,498 U	< 2003.7	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
1,2-Dichloroethane	21,689.7 UJ	3,700 U	< 1241.62	125 U	13,400 U	46,498 U	< 3013.79	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
1,2-Dichloropropane	21,689.7 UJ	3,200 U	< 1574.07	125 U	13,400 U	46,498 U	< 3820.76	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
1,3,5-Trimethylbenzene	22,700 J	---	5200 J	2,080	13,400 U	20,900 J	15900 J	5,000 U	6,250 U	6,500 U	44.4	5,200 U	5,350 U	28,100 J
1,3-Dichlorobenzene	21,689.7 UJ	2,500 U	< 825.48	125 U	13,400 U	46,498 U	< 2003.7	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
1,4-Dichlorobenzene	21,689.7 UJ	2,500 U	< 957.67	125 U	13,400 U	46,498 U	< 2324.57	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
2-Butanone (MEK)	277,000 J	75,000	80700	6,250 U	NT	528,000	178000	10,000 U	NT	NT	NT	NT	NT	813,000 J
Acetone	643,000 J	470,000	512000	149,000	1,480,000	3,390,000 J	1230000	186,000	1,970,000	2,050,000	6.01 U	1,950,000	2,070,000	2,640,000 J
Benzene	608,000 J	270,000	227000	378,000	892,000	916,000	621000	493,000	981,000	1,150,000	211	615,000	810,000	1,050,000 J
Bromomethane	21,689.7 UJ	3,800 U	< 1108.86	125 U	13,400 U	46,498 U	< 2691.55	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Carbon tetrachloride	21,689.7 UJ	2,400 U	< 1459.86	125 U	13,400 U	46,498 U	< 3543.54	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Chlorobenzene	21,689.7 UJ	3200 U	< 1115.99	125 U	13,400 U	46,498 U	< 2708.84	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Chloroethane	21,689.7 UJ	5,600 U	< 1856.77	125 U	13,400 U	46,498 U	< 4506.96	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Chloroform	21,689.7 UJ	3,000 U	< 1336.61	125 U	13,400 U	46,498 U	< 3244.35	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Chloromethane	21,689.7 UJ	7,200 U	< 1773.09	125 U	13,400 U	46,498 U	< 4303.85	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
cis-1,2-Dichloroethene	21,689.7 UJ	3,700 U	< 1420.28	125 U	13,400 U	46,498 U	< 3447.47	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
cis-1,3-Dichloropropene	21,689.7 UJ	3,300 U	< 931.67	125 U	13,400 U	46,498 U	< 2261.44	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Dichlorodifluoromethane	21,689.7 UJ	---	< 1324.17	125 U	13,400 U	46,498 U	< 3214.16	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Ethylbenzene	94,500 J	15,000	33200	49,000	94,100	94,400	69200	29,400	78,100	97,500	160	31,600	74,000	95,700 J
Hexachlorobutadiene	21,689.7 UJ	---	< 612.89	125 U	13,400 U	46,498 UJ	< 1487.68	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
m,p-Xylenes	328,000 J	45,000	91800	92,700	188,000	268,000	195000	62,500	168,000	222,000	446	70,000	176,000	297,000 J
Methyl isobutyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	21,689.7 UJ	4,100 U	< 3056.55	NT	NT	46,498 U	< 7419.19	NT	NT	NT	NT	NT	NT	81,721.8 UJ
Methylene chloride	21,689.7 UJ	4,300 U	< 5549.97	155F	90,900 U	46,498 U	< 13471.48	5,200 U	93,500 U	30,600 U	8.57 U	23,600 U	19,800 U	81,721.8 UJ
o-xylene	111,000 J	11,000	26900	22,900	50,900	81,400	63400	16,800	46,400	59,500	157	17,400	49,600	86,700 J
Styrene	21,689.7 UJ	3,500 U	< 777.99	125 U	13,400 U	46,498 U	< 1888.42	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Tetrachloroethene (PCE)	21,689.7 UJ	2,200 U	< 1152.29	125 U	13,400 U	46,498 U	< 2796.95	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Toluene	953,000 J	280,000	502000	719,000	1,730,000	1,240,000	1080000	470,000	1,030,000	1,220,000	755	549,000	882,000	1,040,000 J
trans-1,3-Dichloropropene	21,689.7 UJ	3,300 U	< 895.71	125 U	13,400 U	46,498 U	< 2174.16	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Trichloroethene (TCE)	21,689.7 UJ	2,800 U	< 1425.94	125 U	13,400 U	46,498 U	< 3461.19	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Trichlorofluoromethane	21,689.7 UJ	2,600 U	< 1349.04	125 U	13,400 U	46,498 U	< 3274.55	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
Trichlorotrifluoroethane	---	---	< 1251.8	---	---	---	< 3038.49	---	---	---	---	---	---	---
Vinyl chloride	21,689.7 UJ	5,800 U	< 1198.65	125 U	13,400 U	46,498 U	< 2909.49	5,000 U	6,250 U	6,500 U	5.95 U	5,200 U	5,350 U	81,721.8 UJ
TPH - Gasoline	44,100	12,000	15300	3,310	136,000	54,000	38200	217,000	224,000	115,000	261	167,000	21,500	30,500
Fixed Gases (percent)														
Oxygen	10.6	11	12.6	4.21	4.57	11.7	9.34	10.90	6.88	3.12	20.10	1.80F	2.93	11.2
Nitrogen	59.9	82.4	67.2	30.70	79.90	68.1	62.3	48.20	84.50	79.90	68.10	73.70	73.50	64.9
Carbon Monoxide	1 U	0.15 U	< 0.15	0.048 U	0.20 U	1.2 U	< 0.15	0.048 U	0.20 U	0.21 U	0.22 U	0.25 U	0.2 U	1 U
Methane	1 U	0.15 U	< 0.23	0.058 U	0.22 U	1.2 U	< 0.23	0.058 U	0.22 U	0.23 U	0.24 U	0.28 U	0.22 U	1 U
Carbon Dioxide	5.65	6.59	9.76	1.52	10.90	6.4	10.2	0.71	6.12	5.90	0.2 U	6.86	6.76	5.77

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 9 of 24

Sample Field ID	**SVMW-11-250**	**SVMW-11-260**	**SVMW-11-260**	**SVMW-11-260**	**SVMW-11-260 SPLIT**	**SVMW-11-260**	**SVMW-12-150**	**SVMW-12-150**	**SVMW-12-150**	**SVMW-12-250**	**SVMW-12-250**	**SVMW-12-250**	**SVMW-12-250**	**SVMW-12-350**
Date Collected	**08/23/07**	**02/25/03**	**04/14/03**	**03/02/07**	**03/02/07**	**08/23/07**	**2/25/04**	**3/29/04**	**02/27/07**	**2/25/04**	**3/29/04**	**02/27/07**	**08/24/07**	**2/25/04**
Sample Depth (ft. bgs)	**250**	**260**	**260**	**260**	**260 CAS**	**260**	**150**	**150**	**150**	**250**	**250**	**250**	**250**	**350**
VOCs (ppbv)														
1,1,1-Trichloroethane	< 3190.22	3,340 U	5,850 U	47,801.4 U	5,400 U	< 2561.04	1.11 U	1.76 U	120.5 U	122.6 U	72.7 U	303.8 U	< 28.79	115.42 U
1,1,2,2-Tetrachloroethane	< 2328.7	3,340 U	5,850 U	47,801.4 U	4,300 U	< 1869.43	1.41 U	2.24 U	120.5 U	155.31 U	92.1 U	303.8 U	< 21.02	146.22 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	< 2586.18	3,340 U	5,850 U	47,801.4 U	5,400 U	< 2076.13	1.02 U	1.61 U	120.5 U	111.67 U	66.22 U	303.8 U	< 23.34	105.13 U
1,1-Dichloroethane	< 3171.33	3,340 U	5,850 U	47,801.4 U	7,300 U	< 2545.87	0.61 U	0.97 U	120.5 U	67.3 U	39.9 U	303.8 U	< 28.62	63.35 U
1,1-Dichloroethene	< 3087.66	3,340 U	5,850 U	47,801.4 U	7,500 U	< 2478.7	1.02 U	1.62 U	120.5 U	112.35 U	66.62 U	303.8 U	< 27.87	105.77 U
1,2,4-Trichlorobenzene	< 2237.2	3,340 U	5,850 U	47,801.4 UJ	---	< 1795.98	1.35 U	2.14 U	120.5 U	148.83 U	88.25 U	303.8 U	< 20.19	140.11 U
1,2,4-Trimethylbenzene	23800 J	3,340 U	6,670F	101,000	---	17100 J	1.22 U	1.94 U	1960	134.62 U	85.1 J	63.1 J	< 19.3	126.74 U
1,2-Dibromoethane (EDB)	< 2629.1	3,340 U	5,850 U	47,801.4 U	3,900 U	< 2110.58	0.87 U	1.37 U	15 J	95.14 U	56.42 U	303.8 U	< 23.73	89.57 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	< 1970.27	3,340 U	5,850 U	47,801.4 U	4,900 U	< 1581.69	1.08 U	1.71 U	120.5 U	118.91 U	70.51 U	303.8 U	< 17.78	111.95 U
1,2-Dichloroethane	< 2963.5	3,340 U	5,850 U	47,801.4 U	7,300 U	< 2379.04	1.02 U	1.62 U	120.5 U	112.22 U	66.54 U	303.8 U	< 26.75	105.64 U
1,2-Dichloropropane	< 3757.01	3,340 U	5,850 U	47,801.4 U	6,400 U	< 3016.05	0.71 U	1.13 U	120.5 U	78.2 U	46.37 U	303.8 U	< 33.91	73.62 U
1,3,5-Trimethylbenzene	8370 J	3,340 U	5,850 U	33,500 J	---	5850 J	1.8 J	1.94 U	880	134.62 U	97.2 J	54.7 J	< 17.43	126.74 U
1,3-Dichlorobenzene	< 1970.27	3,340 U	5,850 U	47,801.4 U	4,900 U	< 1581.69	1.01 U	1.6 U	120.5 U	111.26 U	65.97 U	303.8 U	< 17.78	104.74 U
1,4-Dichlorobenzene	< 2285.78	3,340 U	5,850 U	47,801.4 U	4,900 U	< 1834.98	1.01 U	1.6 U	120.5 U	111.47 U	66.1 U	303.8 U	< 20.63	104.94 U
2-Butanone (MEK)	177000	6,670 U	NT	353,000	76,000	228000	NT	NT	120.5 U	NT	NT	303.8 U	< 61.09	NT
Acetone	1620000	148,000	1,160,000	2,170,000 J	540,000	1430000	1.16 U	1.83 U	241 U	127.17 U	75.41 U	607.5 U	< 207.11	119.73 U
Benzene	463000	508,000	935,000	881,000	360,000	785000	332	643	3,080	21,200	19,200	15,500	< 26.45	14,100
Bromomethane	< 2646.64	3,340 U	5,850 U	47,801.4 U	7,600 U	< 2124.67	0.68 U	1.08 U	120.5 U	75.2 U	44.59 U	303.8 U	< 23.89	70.79 U
Carbon tetrachloride	< 3484.41	3,340 U	5,850 U	47,801.4 U	4,700 U	< 2797.21	10.9	16.5	120.5 U	113.51 U	67.31 U	303.8 U	< 31.45	106.87 U
Chlorobenzene	< 2663.64	3,340 U	5,850 U	47,801.4 U	6,400 U	< 2138.32	0.8 U	1.27 U	120.5 U	88.11 U	52.25 U	303.8 U	< 24.04	82.95 U
Chloroethane	< 4431.76	3,340 U	5,850 U	47,801.4 U	11,000 U	< 3557.72	1.56 U	2.47 U	120.5 U	171.64 U	101.78 U	303.8 U	< 40	161.59 U
Chloroform	< 3190.22	3,340 U	5,850 U	47,801.4 U	6,100 U	< 2561.04	1.06 J	1.49 U	120.5 U	103.34 U	61.28 U	303.8 U	< 28.79	97.29 U
Chloromethane	< 4232.03	3,340 U	5,850 U	47,801.4 U	14,000 U	< 3397.39	1.19 U	1.89 U	120.5 UJ	131.14 U	77.76 U	303.8 UJ	< 38.2	123.46 U
cis-1,2-Dichloroethene	< 3389.94	3,340 U	5,850 U	47,801.4 U	7,500 U	< 2721.38	1.02 U	1.61 U	120.5 U	112.15 U	66.5 U	303.8 U	< 30.6	105.58 U
cis-1,3-Dichloropropene	< 2223.71	3,340 U	5,850 U	47,801.4 U	6,500 U	< 1785.14	0.89 U	1.41 U	120.5 U	98.22 U	58.24 U	303.8 U	< 20.07	92.46 U
Dichlorodifluoromethane	< 3160.53	3,340 U	5,850 U	47,801.4 U	---	< 2537.21	0.81 J U	1.28 U	120.5 U	88.99 J U	52.77 U	303.8 U	< 28.53	83.78 J U
Ethylbenzene	39900	31,700	75,600	121,000	15,000	40300	12.7	6.68 J	2,320	1,180	1,120	390	205 J	926
Hexachlorobutadiene	< 1462.86	3,340 U	5,850 U	47,801.4 UJ	---	< 1174.35	1.54 U	2.44 U	120.5 U	169.38 U	100.44 U	303.8 U	< 13.2	159.46 U
m,p-Xylenes	116000	64,400	164,000	374,000	46,000	120000	45.3	23.9	6,220	3,290	3,100	1,380	782	2,910
Methyl isobutyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	< 7295.4	NT	NT	47,801.4 U	8,200 U	< 5856.59	NT	NT	120.5 U	NT	NT	303.8 U	< 65.85	NT
Methylene chloride	< 13246.69	7,600 U	98,300	47,801.4 U	8,500 U	< 10634.16	8.14 U	12.4 U	120.5 U	505 U	288 U	303.8 U	< 119.56	694 U
o-xylene	42400	17,100	46,100	126,000	11,000	34200	11	7.08 J	2,360	997	1,190	694	463	637 J
Styrene	< 1856.91	3,340 U	5,850 U	47,801.4 U	7,000 U	< 1490.69	1 U	1.58 U	120.5 U	109.89 U	65.16 U	303.8 U	< 16.76	103.46 U
Tetrachloroethene (PCE)	< 2750.28	3,340 U	5,850 U	47,801.4 U	4,400 U	< 2207.87	0.88 U	1.39 U	120.5 U	96.78 U	57.39 U	303.8 U	< 24.82	91.11 U
Toluene	496000	433,000	889,000	1,100,000	290,000	664000	561	791	9,470	44,900	39,400	20,000	13100	46,800
trans-1,3-Dichloropropene	< 2137.88	3,340 U	5,850 U	47,801.4 U	6,500 U	< 1716.24	0.91 U	1.45 U	120.5 U	100.54 U	59.62 U	303.8 U	< 19.3	94.65 U
Trichloroethene (TCE)	< 3403.44	3,340 U	5,850 U	47,801.4 U	5,500 U	< 2732.21	0.97 U	1.54 U	120.5 U	107.03 U	63.46 U	303.8 U	< 30.72	100.76 U
Trichlorofluoromethane	< 3219.91	3,340 U	5,850 U	47,801.4 U	5,300 U	< 2584.87	1.18 J	1.6 U	120.5 U	111.26 U	65.97 U	303.8 U	< 29.06	104.74 U
Trichlorotrifluoroethane	< 2987.79	---	---	---	---	< 2398.54	---	---	---	---	---	---	< 26.97	---
Vinyl chloride	< 2860.94	3,340 U	5,850 U	47,801.4 U	12,000 U	< 2296.7	0.29 U	0.46 U	120.5 U	32.14 U	19.06 U	303.8 U	< 25.82	30.26 U
TPH - Gasoline	15100	213,000	141,000	46,300	30,000	26400	578	1,030	848	34,300	1,400	6,300	3340	10,500
Fixed Gases (percent)														
Oxygen	19.3	9.06	4.79	10.8	9.22	11.7	18.8	22.9	18.4	19.3	20.6	17.3	24	18.7
Nitrogen	67.5	45.80	78.10	65	83.1	64.4	65.2	81.5	59.1	71.4	75.1	58.5	79.2	67.8
Carbon Monoxide	< 0.35	0.048 U	0.20 U	1 U	0.15 U	< 0.15	0.13 U	0.66 U	1.2 U	0.13 U	0.68 U	1.2 U	< 0.15	0.13 U
Methane	< 0.52	0.058 U	0.22 U	1 U	0.15 U	< 0.22	0.14 U	0.54 U	1.2 U	0.14 U	0.56 U	1.2 U	< 0.22	0.15 U
Carbon Dioxide	13.1	0.95	5.63	6.32	7.69	9.15	0.12 U	2.36	1.2 U	0.12 U	2.48	1.2 U	< 0.22	0.12 U

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 10 of 24

Sample Field ID	**SVMW-12-350**	**SVMW-12-350**	**SVMW-12-350**	**SVMW-12-450**	**SVMW-12-450**	**SVMW-12-450**	**SVMW-12-450**	**SVMW-13-150**	**SVMW-13-150**	**SVMW-13-150**	**SVMW-13-150**	**SVMW-13-250**	**SVMW-13-250**	**SVMW-13-250**
Date Collected	**3/29/04**	**02/27/07**	**08/24/07**	**2/25/04**	**3/29/04**	**02/27/07**	**08/24/07**	**2/25/04**	**3/29/04**	**02/27/07**	**08/24/07**	**2/25/04**	**3/29/04**	**02/27/07**
Sample Depth (ft. bgs)	**350**	**350**	**350**	**450**	**450**	**450**	**450**	**150**	**150**	**150**	**150**	**250**	**250**	**250**
VOCs (ppbv)														
1,1,1-Trichloroethane	150.78 U	18,556 U	< 45.11	19.39 U	20.46 U	538.3 U	< 59.1	306.05 U	2,692.5 U	7,812.5 U	< 2316.25	17.86 U	60.49 U	2,581.4 U
1,1,2,2-Tetrachloroethane	191.02 U	18,556 U	< 32.93	24.56 U	25.92 U	538.3 U	< 43.14	387.72 U	3,411 U	7,812.5 U	< 1690.74	22.63 U	76.63 U	2,581.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	137.34 U	18,556 U	< 36.57	17.66 U	18.64 U	538.3 U	< 47.91	278.77 U	2,452.5 U	7,812.5 U	< 1877.69	16.27 U	55.1 U	2,581.4 U
1,1-Dichloroethane	82.77 U	18,556 U	< 44.85	10.64 U	11.23 U	538.3 U	< 58.75	167.99 U	1,477.95 U	7,812.5 U	< 2302.53	9.8 U	33.2 U	2,581.4 U
1,1-Dichloroethene	138.18 U	18,556 U	< 43.66	17.77 U	18.75 U	538.3 U	< 57.2	280.47 U	2,467.5 U	7,812.5 U	< 2241.78	16.37 U	55.44 U	2,581.4 U
1,2,4-Trichlorobenzene	183.04 U	18,556 U	< 31.64	23.53 U	35.3 J	538.3 U	< 41.44	371.52 U	3,268.5 U	7,812.5 UJ	< 1624.31	21.68 U	73.43 U	2,581.4 UJ
1,2,4-Trimethylbenzene	165.56 U	1,480 J	< 30.23	21.29 U	22.47 U	64.6 J	< 39.6	2,250	2,956.5 U	2,270 J	< 1552.2	113	66.42 U	2,581.4 U
1,2-Dibromoethane (EDB)	117.01 U	18,556 U	< 37.18	15.04 U	15.88 U	538.3 U	< 48.7	1,690 J	2,089.5 U	7,812.5 U	< 1908.85	14.9 J	46.94 U	2,581.4 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	146.24 U	18,556 U	< 27.86	18.8 U	19.85 U	538.3 U	< 36.5	296.84 U	2,611.5 U	7,812.5 U	< 1430.51	17.32 U	58.67 U	2,581.4 U
1,2-Dichloroethane	138.01 U	18,556 U	< 41.91	17.74 U	18.73 U	538.3 U	< 54.9	280.13 U	2,464.5 U	7,812.5 U	< 2151.64	16.35 U	55.37 U	2,581.4 U
1,2-Dichloropropane	96.18 U	18,556 U	< 53.13	12.37 U	13.05 U	538.3 U	< 69.6	195.22 U	1,717.5 U	7,812.5 U	< 2727.76	11.39 U	38.59 U	2,581.4 U
1,3,5-Trimethylbenzene	165.56 U	18,556 U	< 27.31	21.29 U	22.47 U	102 J	< 35.78	2,060 J	2,956.5 U	1,020 J	< 1402.29	83.6 J	66.42 U	2,581.4 U
1,3-Dichlorobenzene	136.84 U	18,556 U	< 27.86	17.59 U	18.57 U	538.3 U	< 36.5	277.74 U	2,443.5 U	7,812.5 U	< 1430.51	16.21 U	54.9 U	2,581.4 U
1,4-Dichlorobenzene	137.09 U	18,556 U	< 32.32	17.63 U	18.6 U	538.3 U	< 42.34	278.26 U	2,448 U	7,812.5 U	< 1659.59	16.24 U	55 U	2,581.4 U
2-Butanone (MEK)	NT	18,556 UJ	< 95.72	NT	NT	538.3 UJ	< 125.39	NT	NT	7,812.5 U	< 4914.68	NT	NT	2,581.4 U
Acetone	156.41 U	37,111.8 U	< 324.5	20.11 U	21.23 U	1,076.6 U	< 425.08	317.47 U	2,793 U	15,625 UJ	< 16660.52	18.53 U	62.75 U	5,162.8 UJ
Benzene	19,800	18,556 U	< 41.45	18.68 U	606	19,900	< 54.3	564,000 J	699,000	427,000	611000	9,730	14,800	70,100
Bromomethane	92.48 U	18,556 U	< 37.43	11.89 U	12.55 U	538.3 U	< 49.03	187.72 U	1,651.5 U	7,812.5 U	< 1921.58	10.95 U	37.1 U	2,581.4 U
Carbon tetrachloride	139.61 U	18,556 U	< 49.27	17.95 U	18.95 U	538.3 U	< 64.55	283.37 U	2,493 U	7,812.5 U	< 2529.84	16.54 U	56.01 U	2,581.4 U
Chlorobenzene	108.36 U	18,556 U	< 37.67	13.93 U	14.71 U	280 J	< 49.34	219.95 U	1,935 U	7,812.5 U	< 1933.93	12.84 U	43.47 U	2,581.4 U
Chloroethane	211.09 U	18,556 U	< 62.67	27.14 U	28.65 U	538.3 U	< 82.1	428.47 U	3,769.5 U	7,812.5 U	< 3217.66	25 U	84.69 U	2,581.4 U
Chloroform	127.09 U	18,556 U	< 45.11	16.34 U	17.25 U	538.3 U	< 59.1	257.97 U	2,269.5 U	7,812.5 U	< 2316.25	15.05 U	50.99 U	2,581.4 U
Chloromethane	161.28 U	18,556 U	< 59.85	20.74 U	21.89 U	538.3 U	< 78.4	327.36 U	2,880 U	7,812.5 U	< 3072.65	19.1 U	64.7 U	2,581.4 U
cis-1,2-Dichloroethene	137.93 U	18,556 U	< 47.94	17.73 U	18.72 U	275 J	< 62.8	279.96 U	2,463 U	7,812.5 U	< 2461.26	16.34 U	55.34 U	2,581.4 U
cis-1,3-Dichloropropene	120.79 U	18,556 U	< 31.45	15.53 U	16.39 U	538.3 U	< 41.19	245.18 U	2,157 U	7,812.5 U	< 1614.51	14.31 U	48.46 U	2,581.4 U
Dichlorodifluoromethane	109.45 U	18,556 U	< 44.69	14.07 J U	14.85 U	538.3 U	< 58.55	222.16 J U	1,954.5 U	7,812.5 U	< 2294.69	12.96 J U	43.91 U	2,581.4 U
Ethylbenzene	1,500	6,310 J	340 J	60.5 J	173	1,060	365 J	75,700	74,300	14,900	9990 J	1,110	293 J	2,250 J
Hexachlorobutadiene	208.32 U	18,556 U	< 20.69	26.78 U	28.27 U	538.3 U	< 27.1	422.84 U	3,720 U	7,812.5 UJ	< 1062.1	24.68 U	83.58 U	2,581.4 UJ
m,p-Xylenes	4,540	17,400 J	1070	174 J	503	3,490	1240	153,000	174,000	28,200	16500 J	2,630	283 J	4,830 J
Methyl isobutyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	18,556 UJ	< 103.17	NT	NT	538.3 UJ	< 135.14	NT	NT	7,812.5 U	< 5296.8	NT	NT	2,581.4 U
Methylene chloride	571 U	18,556 U	< 187.32	94 U	77.5 U	538.3 U	< 245.39	1,330 U	22,700 U	7,812.5 U	< 9617.72	55.7 U	748 U	3,720
o-xylene	1,200	6,120 J	< 35.9	20.36 U	80.9 J	1,180	455 J	40,900	42,000	6,480 J	4310 J	867	135 J	1,340 J
Styrene	135.16 U	18,556 U	< 26.26	17.38 U	18.34 U	538.3 U	< 34.4	274.33 U	2,413.5 U	7,812.5 U	< 1348.2	16.01 U	54.22 U	2,581.4 U
Tetrachloroethene (PCE)	119.03 U	18,556 U	< 38.89	15.3 U	16.15 U	538.3 U	< 50.95	241.6 U	2,125.5 U	7,812.5 U	< 1996.83	14.1 U	47.75 U	2,581.4 U
Toluene	63,900	82,200	23300	3,350	8,200	51,700	22600	851,000 J	1,330,000	450000	1200000	42,700	33,500	130,000
trans-1,3-Dichloropropene	123.65 U	18,556 U	< 30.23	15.9 U	16.78 U	538.3 U	< 39.6	250.98 U	2,208 U	7,812.5 U	< 1552.2	14.65 U	49.61 U	2,581.4 U
Trichloroethene (TCE)	131.63 U	18,556 U	< 48.13	16.92 U	17.86 U	538.3 U	< 63.05	267.17 U	2,350.5 U	7,812.5 U	< 2471.06	15.59 U	52.81 U	2,581.4 U
Trichlorofluoromethane	136.84 U	18,556 U	< 45.53	17.59 U	18.57 U	538.3 U	< 59.65	277.74 U	2,443.5 U	7,812.5 U	< 2337.8	16.21 U	54.9 U	2,581.4 U
Trichlorotrifluoroethane	---	---	< 42.25	---	---	---	< 55.35	---	---	---	< 2169.28	---	---	---
Vinyl chloride	39.53 U	18,556 U	< 40.46	5.08 U	5.36 U	538.3 U	< 53	80.24 U	705.9 U	7,812.5 U	< 2077.18	4.68 U	15.86 U	2,581.4 U
TPH - Gasoline	26,200	82,200	16100	37,900	32,800	8,670	9070	120,000	176,000	69,900	48900	10,600	25,600	70,300
Fixed Gases (percent)														
Oxygen	20.2	8.67	13.6	16.2	14	16.9	18.4	13.9	15.6	8.42	21.1	21.5	21.2	14.8
Nitrogen	74.6	63.9	57.7	74	75.3	57.4	62.8	73	79.4	60	87.6	76.7	81.9	60.9
Carbon Monoxide	0.68 U	1.1 U	< 0.15	0.13 U	0.64 U	1.1 U	< 0.16	0.14 U	0.65 U	1.1 U	< 0.15	0.12 U	0.66 U	1.1 U
Methane	0.56 U	1.1 U	< 0.22	0.15 U	0.52 U	1.1 U	< 0.23	0.16 U	0.53 U	1.1 U	< 0.22	0.14 U	0.54 U	1.1 U
Carbon Dioxide	2.43	1.19	< 0.23	2.5	2.73	1.1 U	< 0.24	2.81	2.8	1.34	5.01	2.03	2.46	0.37 J

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 11 of 24

Sample Field ID	**SVMW-13-250**	**SVMW-13-350**	**SVMW-13-350**	**SVMW-13-350**	**SVMW-13-350**	**SVMW-13-450**	**SVMW-13-450**	**SVMW-13-450**	**SVMW-13-450**	**SVMW-14-150**	**SVMW-14-150**	**SVMW-14-150**	**SVMW-14-150**	**SVMW-14-250**
Date Collected	**08/24/07**	**2/25/04**	**3/29/04**	**02/27/07**	**08/24/07**	**2/25/04**	**3/29/04**	**02/27/07**	**08/24/07**	**2/25/04**	**3/29/04**	**02/27/07**	**08/24/07**	**2/25/04**
Sample Depth (ft. bgs)	**250**	**350**	**350**	**350**	**350**	**450**	**450**	**450**	**450**	**150**	**150**	**150**	**150**	**250**
VOCs (ppbv)														
1,1,1-Trichloroethane	< 1511.42	19.75 U	61.39 U	110 U	< 77.95	4.74 U	0.91 U	4.3 U	< 326.11	11.72 U	16.68 U	267.5 U	< 16.15	4.02 U
1,1,2,2-Tetrachloroethane	< 1103.26	25.01 U	77.77 U	110 U	< 56.9	6 U	1.15 U	4.3 U	< 238.05	14.85 U	21.13 U	267.5 U	< 11.79	10.3 J
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	< 1225.25	17.99 U	55.92 U	110 U	< 63.19	4.32 U	0.83 U	4.3 U	< 264.37	10.68 U	15.19 U	267.5 U	< 13.09	3.66 U
1,1-Dichloroethane	< 1502.47	10.84 U	33.7 U	110 U	< 77.49	2.6 U	0.5 U	4.3 U	< 324.18	6.43 U	9.15 U	267.5 U	< 16.05	2.21 U
1,1-Dichloroethene	< 1462.83	18.1 U	56.26 U	110 U	< 75.45	4.34 U	0.83 U	4.3 U	< 315.63	10.74 U	15.28 U	267.5 U	< 15.63	3.68 U
1,2,4-Trichlorobenzene	< 1059.91	23.97 U	74.52 U	110 UJ	< 54.67	5.75 U	1.1 U	4.3 UJ	< 228.69	14.23 U	20.24 U	267.5 U	< 11.32	4.88 U
1,2,4-Trimethylbenzene	< 1012.86	48.4 J	67.41 U	294	< 52.24	16.6 J	2.78 J	4.3 U	< 218.54	12.87 U	18.31 U	3,150	< 10.82	4.42 U
1,2-Dibromoethane (EDB)	< 1245.58	15.32 U	47.64 U	110 U	< 64.24	3.68 U	0.7 U	4.3 U	< 268.75	9.1 U	12.94 U	267.5 U	< 13.31	3.12 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	< 933.45	19.15 U	59.54 U	110 U	< 48.14	4.6 U	0.88 U	4.3 U	< 201.41	11.37 U	16.17 U	267.5 U	< 9.97	3.9 U
1,2-Dichloroethane	< 1404.01	18.07 U	56.19 U	110 U	< 72.41	4.34 U	0.83 U	4.3 U	< 302.94	10.73 U	15.26 U	267.5 U	< 15	3.68 U
1,2-Dichloropropane	< 1779.95	12.6 U	39.16 U	110 U	< 91.8	3.02 U	0.58 U	4.3 U	< 384.05	7.48 U	10.64 U	267.5 U	< 19.01	2.56 U
1,3,5-Trimethylbenzene	< 915.04	39.6 J	67.41 U	117	< 47.19	15.1 J	2.93 J	1.16 J	< 197.43	12.87 U	18.31 U	1,430	< 9.78	4.42 U
1,3-Dichlorobenzene	< 933.45	17.92 U	55.71 U	110 U	< 48.14	4.3 U	0.82 U	4.3 U	< 201.41	10.64 U	15.13 U	267.5 U	< 9.97	3.65 U
1,4-Dichlorobenzene	< 1082.93	17.95 U	55.81 U	110 U	< 55.85	4.31 U	0.82 U	4.3 U	< 233.66	10.66 U	15.16 U	267.5 U	< 11.57	3.66 U
2-Butanone (MEK)	< 3206.98	NT	NT	110 U	< 165.4	NT	NT	4.3 U	2070 J	NT	NT	267.5 U	< 34.26	NT
Acetone	< 10871.51	20.48 U	63.68 U	220 UJ	< 560.71	4.92 U	0.94 U	53.7 J	4190 J	12.16 U	17.3 U	535 U	< 116.14	4.17 U
Benzene	195000	2,000	3,460	2,940	1230	609	46.3	72.6	< 299.63	1,400	1,810	6,310	< 14.83	241
Bromomethane	< 1253.89	12.11 U	37.65 U	110 U	< 64.67	2.91 U	0.56 U	4.3 U	< 270.55	7.19 U	10.23 U	267.5 U	< 13.39	2.47 U
Carbon tetrachloride	< 1650.8	18.28 U	56.84 U	110 U	< 85.14	4.39 U	0.84 U	4.3 U	< 356.19	32 J	59.5 J	267.5 U	130 J	9.63 J
Chlorobenzene	< 1261.95	14.19 U	44.12 U	110 U	< 65.09	3.41 U	0.65 U	4.3 U	< 272.29	8.42 U	11.98 U	267.5 U	< 13.48	2.89 U
Chloroethane	< 2099.63	27.64 U	85.94 U	110 U	< 108.29	6.63 U	1.27 U	4.3 U	< 453.03	16.41 U	23.35 U	267.5 U	< 22.43	5.63 U
Chloroform	< 1511.42	16.64 U	51.74 U	110 U	< 77.95	3.99 U	0.76 U	4.3 U	< 326.11	9.88 U	14.06 U	267.5 U	< 16.15	3.39 U
Chloromethane	< 2005	21.12 U	65.66 U	110 U	< 103.41	5.07 U	0.97 U	4.3 U	< 432.61	12.54 U	17.84 U	267.5 UJ	< 21.42	4.3 U
cis-1,2-Dichloroethene	< 1606.05	18.06 U	56.16 U	110 U	< 82.83	4.33 U	0.83 U	4.3 U	< 346.53	10.72 U	15.25 U	267.5 U	< 17.16	3.68 U
cis-1,3-Dichloropropene	< 1053.52	15.82 U	49.18 U	110 U	< 54.34	3.8 U	0.73 U	4.3 U	< 227.31	9.39 U	13.36 U	267.5 U	< 11.25	3.22 U
Dichlorodifluoromethane	< 1497.36	14.33 J U	44.56 U	110 U	< 77.23	3.44 J U	6.67	4.3 U	< 323.08	8.51 J U	12.1 U	267.5 U	< 16	2.92 J U
Ethylbenzene	11300 J	750	462	646	< 52.24	181	22.8	10.1	< 218.54	33.3 J	48.3 J	4,320	< 10.82	9.41 J
Hexachlorobutadiene	< 693.06	27.28 U	84.82 U	110 UJ	< 35.74	6.55 U	1.25 U	4.3 UJ	< 149.54	16.19 U	23.04 U	267.5 U	< 7.4	5.56 U
m,p-Xylenes	28000	1,540	879	1,440	< 117.19	488	51.1	24.7	< 490.27	104 J	185 J	10,100	43.7 J	19 J
Methyl isobutyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	< 3456.33	NT	NT	110 U	< 178.26	NT	NT	4.3 U	< 745.76	NT	NT	267.5 U	< 36.92	NT
Methylene chloride	< 6275.86	53.9 U	363 U	110 U	< 323.68	26.7 U	6.31 U	4.3 U	< 1354.12	39.8 U	101 U	267.5 U	< 67.04	16.8 U
o-xylene	< 1202.62	394	215 J	473	< 62.03	142	16.1	6.81	< 259.48	41.8 J	79.9 J	3,870	31.4 J	55.1
Styrene	< 879.75	17.7 U	55.03 U	110 U	< 45.37	4.25 U	0.81 U	4.3 U	< 189.82	10.51 U	14.95 U	267.5 U	< 9.4	3.6 U
Tetrachloroethene (PCE)	< 1303	15.59 U	48.46 U	110 U	< 67.2	3.74 U	0.72 U	4.3 U	< 281.14	9.25 U	13.16 U	267.5 U	< 13.92	3.17 U
Toluene	497000	37,100	26,900	7,470	1090	2,240	301	269	< 249.14	5,480	6,820	21,800	1920	1,700
trans-1,3-Dichloropropene	< 1012.86	16.19 U	50.34 U	110 U	< 52.24	3.89 U	0.74 U	4.3 U	< 218.54	9.61 U	13.67 U	267.5 U	< 10.82	3.3 U
Trichloroethene (TCE)	< 1612.44	17.24 U	53.59 U	110 U	< 83.16	4.14 U	0.79 U	4.3 U	< 347.91	10.23 U	14.56 U	267.5 U	< 17.23	3.51 U
Trichlorofluoromethane	< 1525.49	17.92 U	55.71 U	110 U	< 78.68	4.3 U	0.82 U	4.3 U	< 329.15	10.64 U	15.13 U	267.5 U	< 16.3	3.65 U
Trichlorotrifluoroethane	< 1415.52	---	---	---	< 73.01	---	---	---	< 305.42	---	---	---	< 15.12	---
Vinyl chloride	< 1355.42	5.18 U	16.09 U	110 U	< 69.91	1.24 U	0.24 U	4.3 U	< 292.45	3.07 U	4.37 U	267.5 U	< 14.48	1.05 U
TPH - Gasoline	25100	19,900	27,300	4,540	1560	8,580	4,210	214	144	1,930	2,970	9,120	271	2,310
Fixed Gases (percent)														
Oxygen	17.8	14.2	15.5	11.6	12.9	10.3	18	13	16.1	17.8	20.1	17.8	16.9	18.6
Nitrogen	73.5	71.5	80.5	60.5	61.9	41.8	83.8	59.7	67.7	62.2	73.7	58.8	56.1	63.3
Carbon Monoxide	< 0.15	0.13 U	0.67 U	1.1 U	< 0.15	0.13 U	0.62 U	1.1 U	< 0.15	0.13 U	0.73 U	1.1 U	< 0.15	0.14 U
Methane	< 0.22	0.15 U	0.55 U	1.1 U	< 0.22	0.14 U	0.51 U	1.1 U	< 0.22	0.14 U	0.6 U	1.1 U	< 0.22	0.15 U
Carbon Dioxide	4.63	2.9	3.3	2.2	6.02	2.29	2.8	1.14	4.96	0.12 U	2.68	1.1 U	< 0.23	0.13 U

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 12 of 24

Sample Field ID	**SVMW-14-250**	**SVMW-14-250**	**SVMW-14-250**	**SVMW-14-350**	**SVMW-14-350**	**SVMW-14-350**	**SVMW-14-350**	**SVMW-14-450**	**SVMW-14-450**	**SVMW-14-450**	**SVMW-14-450**	**SVMW-15-150**	**SVMW-15-150**	**SVMW-15-150**
Date Collected	**3/29/04**	**02/27/07**	**08/24/07**	**2/25/04**	**3/29/04**	**02/27/07**	**08/24/07**	**2/25/04**	**3/29/04**	**02/27/07**	**08/24/07**	**2/25/04**	**3/29/04**	**02/27/07**
Sample Depth (ft. bgs)	**250**	**250**	**250**	**350**	**350**	**350**	**350**	**450**	**450**	**450**	**450**	**150**	**150**	**150**
VOCs (ppbv)														
1,1,1-Trichloroethane	19.03 U	57.3 U	< 33.07	15.26 J U	14.75 U	111 U	< 21.16	96.03 U	28.18 U	7,430.6 U	< 68.93	19.57 U	32.49 U	170.3 U
1,1,2,2-Tetrachloroethane	24.1 U	57.3 U	< 24.14	19.33 J U	18.69 U	111 U	< 15.44	121.66 U	35.7 U	7,430.6 U	< 50.31	24.79 U	41.16 U	170.3 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	17.33 U	57.3 U	< 26.81	13.9 J U	13.44 U	111 U	< 17.15	87.47 U	25.67 U	7,430.6 U	< 55.88	17.82 U	29.59 U	170.3 U
1,1-Dichloroethane	10.44 U	57.3 U	< 32.88	8.38 J U	8.1 U	111 U	< 21.03	52.71 U	15.47 U	7,430.6 U	< 68.52	10.74 U	17.83 U	170.3 U
1,1-Dichloroethene	17.44 U	57.3 U	< 32.01	13.98 J U	13.52 U	111 U	< 20.48	88.01 U	25.83 U	7,430.6 U	< 66.71	17.93 U	29.77 U	170.3 U
1,2,4-Trichlorobenzene	23.1 U	57.3 U	< 23.19	18.52 J U	17.91 U	111 U	< 14.84	116.58 U	34.21 U	7,430.6 U	< 48.34	23.75 U	39.44 U	170.3 UJ
1,2,4-Trimethylbenzene	20.89 U	8.88 J	< 22.16	16.75 J U	16.2 U	722	< 14.18	105.45 U	30.94 U	7,430.6 U	< 46.19	21.48 U	35.68 U	1,460
1,2-Dibromoethane (EDB)	14.77 U	57.3 U	< 27.26	11.84 J U	11.45 U	111 U	< 17.44	74.53 U	21.87 U	7,430.6 U	< 56.8	15.18 U	25.21 U	170.3 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	18.45 U	57.3 U	< 20.43	14.8 J U	14.31 U	111 U	< 13.07	93.14 U	27.33 U	7,430.6 U	< 42.57	18.98 U	31.51 U	170.3 U
1,2-Dichloroethane	17.42 U	57.3 U	< 30.72	13.97 J U	13.51 U	111 U	< 19.65	87.9 U	25.8 U	7,430.6 U	< 64.03	17.91 U	29.74 U	170.3 U
1,2-Dichloropropane	12.14 U	57.3 U	< 38.95	9.73 J U	9.41 U	111 U	< 24.92	61.26 U	17.98 U	7,430.6 U	< 81.17	12.48 U	20.72 U	170.3 U
1,3,5-Trimethylbenzene	20.89 U	9.71 J	< 20.02	16.75 J U	18.1 J	345	< 12.81	105.45 U	30.94 U	7,430.6 U	< 41.73	21.48 U	35.68 U	579
1,3-Dichlorobenzene	17.27 U	57.3 U	< 20.43	13.85 J U	13.39 U	111 U	< 13.07	87.15 U	25.58 U	7,430.6 U	< 42.57	17.76 U	29.48 U	170.3 U
1,4-Dichlorobenzene	17.3 U	57.3 U	< 23.7	13.87 J U	13.42 U	111 U	< 15.16	87.31 U	25.62 U	7,430.6 U	< 49.39	17.79 U	29.54 U	170.3 U
2-Butanone (MEK)	NT	57.3 U	< 70.17	NT	NT	111 U	< 44.89	NT	NT	7,430.6 UJ	< 146.25	NT	NT	170.3 U
Acetone	19.74 U	114.5 U	< 237.89	15.83 J U	15.31 U	222 U	< 152.19	99.62 U	29.23 U	14,861 U	< 495.79	20.3 U	33.7 U	340.7 UJ
Benzene	2,130	57.3 U	< 30.39	1,090 J	1,050	111 U	< 19.44	92.56 U	674	2,150 J	< 63.33	1,030	1,380	3,400
Bromomethane	11.67 U	57.3 U	< 27.44	9.36 J U	9.05 U	111 U	< 17.55	58.9 U	17.29 U	7,430.6 U	< 57.18	12 U	19.93 U	170.3 U
Carbon tetrachloride	26.5 J	57.3 U	< 36.12	14.13 J U	13.66 U	111 U	< 23.11	88.92 U	26.09 U	7,430.6 U	< 75.28	18.12 U	30.08 U	170.3 U
Chlorobenzene	13.67 U	57.3 U	< 27.61	10.97 J U	10.6 U	111 U	< 17.67	69.02 U	20.25 U	7,430.6 U	< 57.55	14.06 U	23.35 U	170.3 U
Chloroethane	26.64 U	57.3 U	< 45.94	21.36 J U	20.66 U	111 U	< 29.39	134.45 U	39.45 U	7,430.6 U	< 95.75	27.39 U	45.49 U	170.3 U
Chloroform	16.04 U	57.3 U	< 33.07	12.86 J U	12.44 U	111 U	< 21.16	80.95 U	23.75 U	7,430.6 U	< 68.93	16.49 U	27.39 U	170.3 U
Chloromethane	20.35 U	57.3 UJ	< 43.87	16.32 J U	15.78 U	111 UJ	< 28.07	102.72 U	30.14 U	7,430.6 U	< 91.44	20.93 U	34.75 U	170.3 U
cis-1,2-Dichloroethene	17.41 U	57.3 U	< 35.14	13.96 J U	13.5 U	111 U	< 22.48	87.85 U	25.78 U	7,430.6 U	< 73.24	17.9 U	29.72 U	170.3 U
cis-1,3-Dichloropropene	15.24 U	57.3 U	< 23.05	12.22 J U	11.82 U	111 U	< 14.75	76.93 U	22.58 U	7,430.6 U	< 48.04	15.67 U	26.03 U	170.3 U
Dichlorodifluoromethane	13.81 U	57.3 U	< 32.76	11.08 J U	10.71 U	111 U	< 20.96	69.71 J U	20.46 U	7,430.6 U	< 68.29	14.2 J U	23.58 U	170.3 U
Ethylbenzene	92.2 J	39.1 J	92.3 J	85 J	159	1,210	231	433 J	565	7,430.6 U	257 J	130	65.2 J	1,930
Hexachlorobutadiene	26.29 U	57.3 U	< 15.17	21.08 J U	20.39 U	111 U	< 9.7	132.68 U	38.94 U	7,430.6 U	< 31.61	27.03 U	44.89 U	170.3 UJ
m,p-Xylenes	348	111 J	260 J	206 J	460	3,080	759	728 J	953	14,861 U	496 J	327	154 J	4,270
Methyl isobutyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	57.3 U	< 75.63	NT	NT	111 U	< 48.38	NT	NT	7,430.6 UJ	< 157.62	NT	NT	170.3 U
Methylene chloride	98.6 U	57.3 U	< 137.33	68 J U	83 U	111 U	< 87.85	316 U	155 U	7,430.6 U	< 286.21	63.2 U	143 U	170.3 U
o-xylene	213	97.7	157 J	63.8 J	127	1,090	186	100.85 U	29.59 U	7,430.6 U	< 54.84	95.9 J	45.3 J	1,620
Styrene	17.06 U	57.3 U	< 19.25	13.68 J U	13.23 U	111 U	< 12.32	86.08 U	25.26 U	7,430.6 U	< 40.12	17.54 U	29.12 U	170.3 U
Tetrachloroethene (PCE)	15.02 U	57.3 U	< 28.51	12.04 J U	11.65 U	111 U	< 18.24	75.81 U	22.25 U	7,430.6 U	< 59.42	15.45 U	25.65 U	170.3 U
Toluene	9,550	3,980	12300	3,150 J	5,560	8,570	7340	5,600	12,600	4,160 J	4380	9,920	13,600	11,900
trans-1,3-Dichloropropene	15.6 U	57.3 U	< 22.16	12.51 J U	12.1 U	111 U	< 14.18	78.75 U	23.11 U	7,430.6 U	< 46.19	16.04 U	26.64 U	170.3 U
Trichloroethene (TCE)	16.61 U	57.3 U	< 35.28	13.32 J U	12.88 U	111 U	< 22.57	83.83 U	24.6 U	7,430.6 U	< 73.53	17.08 U	28.36 U	170.3 U
Trichlorofluoromethane	17.27 U	57.3 U	< 33.38	13.85 J U	13.39 U	111 U	< 21.35	87.15 U	25.58 U	7,430.6 U	< 69.57	17.76 U	29.48 U	170.3 U
Trichlorotrifluoroethane	---	---	< 30.97	---	---	---	< 19.82	---	---	---	< 64.55	---	---	---
Vinyl chloride	4.99 U	57.3 U	< 29.66	4 J U	3.87 U	111 U	< 18.97	25.18 U	7.39 U	7,430.6 U	< 61.81	5.13 U	8.52 U	170.3 U
TPH - Gasoline	5,350	4,830	1170	2,420 J	6,120	3,900	6580	44,600	90,200	141,000	22200	15,300	14,300	4,060
Fixed Gases (percent)														
Oxygen	20.8	17.6	16.9	21.3 J	22.8	18	17.3	14.6	14.1	4.25	15.6	15.5	18.4	17.7
Nitrogen	74	58.3	56.4	73.1 J	78.5	57.1	57.2	70	79.3	60.4	81.5	66.5	77.9	73
Carbon Monoxide	0.95 U	1.1 U	< 0.15	0.11 UJ	0.74 U	1.1 U	< 0.15	0.13 U	0.61 U	1.1 U	< 0.15	0.13 U	0.66 U	1.1 U
Methane	0.78 U	1.1 U	< 0.23	0.12 UJ	0.6 U	1.1 U	< 0.23	0.15 U	0.5 U	1.1 U	< 0.23	0.15 U	0.54 U	1.1 U
Carbon Dioxide	3.37	1.1 U	< 0.23	0.1 UJ	2.62	1.1 U	< 0.23	0.12 U	2.52	1.53	5.34	2.2	2.41	0.54 J

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 13 of 24

Sample Field ID	**SVMW-15-150**	**SVMW-15-250**	**SVMW-15-250**	**SVMW-15-250**	**SVMW-15-250**	**SVMW-15-350**	**SVMW-15-350**	**SVMW-15-350**	**SVMW-15-350 DUP**	**SVMW-15-350**	**SVMW-15-450**	**SVMW-15-450**	**SVMW-15-450**	**SVMW-15-450**
Date Collected	**08/27/07**	**2/25/04**	**3/29/04**	**02/27/07**	**08/27/07**	**2/25/04**	**3/29/04**	**02/27/07**	**02/27/07**	**08/27/07**	**2/25/04**	**3/29/04**	**02/27/07**	**8/27/07**
Sample Depth (ft. bgs)	**150**	**250**	**250**	**250**	**250**	**350**	**350**	**350**	**350**	**350**	**450**	**450**	**450**	**450**
VOCs (ppbv)														
1,1,1-Trichloroethane	< 6.39	112.01 U	262.07 U	568.8 U	< 68.51	280.38 U	789.8 U	11,196.9 U	7,630.5 U	< 698.21	792.13 U	897.5 U	14,724.4 U	< 1416.25
1,1,2,2-Tetrachloroethane	< 4.66	141.9 U	332 U	568.8 U	< 50.01	355.2 U	1,000.56 U	11,196.9 U	7,630.5 U	< 509.65	1,003.52 U	1,137 U	14,724.4 U	< 1033.79
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	< 5.18	102.02 U	238.71 U	568.8 U	< 55.54	255.39 U	719.4 U	11,196.9 U	7,630.5 U	< 566.01	721.53 U	817.5 U	14,724.4 U	< 1148.1
1,1-Dichloroethane	< 6.35	61.48 U	143.85 U	568.8 U	< 68.11	153.9 U	433.53 U	11,196.9 U	7,630.5 U	< 694.07	434.81 U	492.65 U	14,724.4 U	< 1407.87
1,1-Dichloroethene	< 6.18	102.65 U	240.17 U	568.8 U	< 66.31	256.95 U	723.8 U	11,196.9 U	7,630.5 U	< 675.76	725.94 U	822.5 U	14,724.4 U	< 1370.72
1,2,4-Trichlorobenzene	< 4.48	135.97 U	318.13 U	568.8 UJ	< 48.04	340.36 U	958.76 U	11,196.9 UJ	7,630.5 UJ	< 489.63	961.59 U	1,089.5 U	14,724.4 UJ	< 993.18
1,2,4-Trimethylbenzene	< 4.28	122.99 U	287.77 U	568.8 U	< 45.91	307.87 U	867.24 U	6,940 J	7,630.5 U	< 467.89	2,470 J	2,400 J	1,620 J	< 949.08
1,2-Dibromoethane (EDB)	< 5.26	86.92 U	203.38 U	568.8 U	< 56.46	217.59 U	612.92 U	11,196.9 U	7,630.5 U	< 575.4	614.73 U	696.5 U	14,724.4 U	< 1167.15
1,2-Dichloro,1,1,2,2-tetrafluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	< 3.94	108.64 U	254.19 U	568.8 U	< 42.31	271.94 U	766.04 U	11,196.9 U		< 431.21	768.3 U	870.5 U	14,724.4 U	< 874.68
1,2-Dichloroethane	< 5.93	102.52 U	239.88 U	568.8 U	< 63.64	256.64 U	722.92 U	11,196.9 U	7,630.5 U	< 648.59	725.06 U	821.5 U	14,724.4 U	< 1315.61
1,2-Dichloropropane	< 7.52	71.45 U	167.17 U	568.8 U	< 80.68	178.85 U	503.8 U	11,196.9 U	7,630.5 U	< 822.25	505.29 U	572.5 U	14,724.4 U	< 1667.87
1,3,5-Trimethylbenzene	< 3.87	122.99 J U	287.77 U	568.8 U	< 41.48	307.87 J U	867.24 U	2,800 J	1,220 J	< 422.7	1,680 J	1,600 J	14,724.4 U	< 857.42
1,3-Dichlorobenzene	< 3.94	101.65 U	237.83 U	568.8 U	< 42.31	254.45 U	716.76 U	11,196.9 U	7,630.5 U	< 431.21	718.88 U	814.5 U	14,724.4 U	< 874.68
1,4-Dichlorobenzene	< 4.58	101.84 U	238.27 U	568.8 U	< 49.09	254.92 U	718.08 U	11,196.9 U	7,630.5 U	< 500.26	720.2 U	816 U	14,724.4 U	< 1014.74
2-Butanone (MEK)	< 13.55	NT	NT	2,680	< 145.37	NT	NT	11,196.9 U	7,630.5 U	< 1481.47	NT	NT	14,724.4 U	< 3005.05
Acetone	< 45.94	116.19 U	271.85 U	1,137.5 UJ	< 492.79	290.84 U	819.28 U	22,393.7 UJ	15,261 UJ	< 5022.11	821.7 U	931 U	29,448.8 UJ	< 10186.97
Benzene	< 5.87	29,500	26,000	5,780	< 62.95	88,500	143,000	286,000	239,000	< 641.5	227,000	251,000	350,000	< 1301.23
Bromomethane	< 5.3	68.7 U	160.75 U	568.8 U	< 56.84	171.98 U	484.44 U	11,196.9 U	7,630.5 U	< 579.24	485.87 U	550.5 U	14,724.4 U	< 1174.94
Carbon tetrachloride	< 6.98	103.71 U	242.65 U	568.8 U	< 74.83	259.6 U	731.28 U	11,196.9 U	7,630.5 U	< 762.59	733.44 U	831 U	14,724.4 U	< 1546.86
Chlorobenzene	< 5.33	80.5 U	188.34 U	568.8 U	< 57.2	201.5 U	567.6 U	11,196.9 U	7,630.5 U	< 582.96	569.28 U	645 U	14,724.4 U	< 1182.49
Chloroethane	< 8.87	156.81 U	366.9 U	568.8 U	< 95.17	392.53 U	1,105.72 U	11,196.9 U	7,630.5 U	< 969.93	1,108.99 U	1,256.5 U	14,724.4 U	< 1967.42
Chloroform	< 6.39	94.41 U	220.9 U	568.8 U	< 68.51	236.33 U	665.72 U	11,196.9 U	7,630.5 U	< 698.21	667.69 U	756.5 U	14,724.4 U	< 1416.25
Chloromethane	< 8.47	119.81 U	280.32 U	568.8 U	< 90.88	299.9 U	844.8 U	11,196.9 U	7,630.5 U	< 926.21	847.3 U	960 U	14,724.4 U	< 1878.75
cis-1,2-Dichloroethene	< 6.79	102.46 U	239.73 U	568.8 U	< 72.8	256.48 U	722.48 U	11,196.9 U	7,630.5 U	2240 J	724.61 U	821 U	14,724.4 U	< 1504.92
cis-1,3-Dichloropropene	< 4.45	89.73 U	209.95 U	568.8 U	< 47.75	224.62 U	632.72 U	11,196.9 U	7,630.5 U	< 486.68	634.59 U	719 U	14,724.4 U	< 987.18
Dichlorodifluoromethane	< 6.33	81.31 J U	190.24 U	568.8 U	< 67.87	203.53 J U	573.32 U	11,196.9 U	7,630.5 U	< 691.71	575.01 J U	651.5 U	14,724.4 U	< 1403.07
Ethylbenzene	10.8 J	3,830	1,230 J	193 J	116 J	12,200	9,720	25,300	15,800	12200	28,200	25,500	26,500	33000
Hexachlorobutadiene	< 2.93	154.75 U	362.08 U	568.8 UJ	< 31.42	387.38 U	1,091.2 U	11,196.9 UJ	7,630.5 UJ	< 320.16	1,094.42 U	1,240 U	14,724.4 UJ	< 649.42
m,p-Xylenes	34.6 J	6,530	2,450 J	489 J	354 J	18,900	15,600	50,100	28,600	23300	61,000	55,800	60,800	80600
Methyl isobutyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	< 14.6	NT	NT	568.8 U	< 156.67	NT	NT	11,196.9 U	7,630.5 U	< 1596.66	NT	NT	14,724.4 U	< 3238.69
Methylene chloride	< 26.52	474 U	1,810 U	568.8 U	< 284.48	1,200 U	7,350 U	11,196.9 U	7,630.5 U	< 2899.15	2,870 U	4,400 U	14,724.4 U	< 5880.69
o-xylene	15.7 J	1,390	599 J	568.8 U	< 54.51	4,670	3,700 J	13,500	7,550 J	5970	15,800	14,500	15,300	21900
Styrene	< 3.72	100.4 U	234.91 U	568.8 U	< 39.88	251.33 U	707.96 U	11,196.9 U	7,630.5 U	< 406.4	710.05 U	804.5 U	14,724.4 U	< 824.35
Tetrachloroethene (PCE)	< 5.51	88.42 U	206.88 U	568.8 U	< 59.06	221.34 U	623.48 U	11,196.9 U	7,630.5 U	< 601.92	625.32 U	708.5 U	14,724.4 U	< 1220.95
Toluene	761	289,000 J	104,000	27,800	20100	460,000 J	296,000	618,000	435,000	452000	569,000 J	476,000	618,000	753000 J
trans-1,3-Dichloropropene	< 4.28	91.85 U	214.91 U	568.8 U	< 45.91	229.93 U	647.68 U	11,196.9 U	7,630.5 U	< 467.89	649.59 U	736 U	14,724.4 U	< 949.08
Trichloroethene (TCE)	< 6.81	97.78 U	228.78 U	568.8 U	< 73.09	244.77 U	689.48 U	11,196.9 U	7,630.5 U	< 744.87	691.52 U	783.5 U	14,724.4 U	< 1510.91
Trichlorofluoromethane	< 6.45	101.65 U	237.83 U	568.8 U	< 69.15	254.45 U	716.76 U	11,196.9 U	7,630.5 U	< 704.7	718.88 U	814.5 U	14,724.4 U	< 1429.43
Trichlorotrifluoroethane	< 5.98	---	---	---	< 64.16	---	---	---	---	< 653.9	---	---	---	< 1326.39
Vinyl chloride	< 5.73	29.37 U	68.71 U	568.8 U	< 61.44	73.51 U	207.06 U	11,196.9 U	7,630.5 U	< 626.14	207.68 U	235.3 U	14,724.4 U	< 1270.08
TPH - Gasoline	2100	23,100	31,500	2,840	5420	26,700	96,700	49,500	56,100	21800	107,000	123,000	168,000	24300
Fixed Gases (percent)														
Oxygen	16.1	11.3	16.9	13.5	14.4	11.3	16.7	16.6 J	12.9 J	14.3	14.2	23.9	13.2	13.1
Nitrogen	64.1	54.4	81.8	61.5	71.9	48	70.3	68.6	61.5	71.7	59	99	62.2	66.9
Carbon Monoxide	< 0.14	0.12 U	0.63 U	1.1 U	< 0.18	0.13 U	0.59 U	1.2 U	1.1 U	< 0.16	0.13 U	0.63 U	1.1 U	< 0.14
Methane	< 0.21	0.14 U	0.52 U	1.1 U	< 0.26	0.14 U	0.48 U	1.2 U	1.1 U	< 0.23	0.15 U	0.52 U	1.1 U	< 0.21
Carbon Dioxide	< 0.21	2.08	2.43	0.67 J	5.56	2.24	2.34	0.62 J	0.55 J	4.87	2.3	2.51	0.67 J	4.53

Sample Field ID	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Outlet	SVEW-01-Outlet	SVEW-01-Outlet	SVEW-01-Outlet	SVE-Combined Inlet	SVE-PostCatE1	SVE-PostCatE2	SVE-Combined Inlet	SVE-PostCatE1
Date Collected	**04/18/03**	**04/21/03**	**05/30/03**	**11/18/03**	**04/18/03**	**04/21/03**	**05/30/03**	**11/18/03**	**08/25/04**	**08/25/04**	**08/25/04**	**11/23/04**	**11/23/04**
Sample Depth (ft. bgs)	**245**	**245**	**245**	**245**	**SVEW01**	**SVEW01**	**SVEW01**	**SVEW01**	**SVEW01,08**	**SVEW01,08**	**SVEW01,08**	**SVEW01,04,05,08,09**	**VEW01,04,05,08,0**
VOCs (ppbv)													
1,1,1-Trichloroethane	6,850 U	7,600 U	6,550 U	1274.45 U	210 U	20.6 U	14.9 U	5.06 U	138.99 U	22.49 U	12.35 U	518.65 U	6.54 U
1,1,2,2-Tetrachloroethane	6,850 U	7,600 U	6,550 U	1614.54 U	210 U	20.6 U	14.9 U	6.41 U	258.46 U	41.81 U	22.97 U	964.48 U	12.15 U
1,1,2-Trichloro-1,2,2-trifluoroethane	6,850 U	7,600 U	6,550 U	799.46 U	210 U	20.6 U	14.9 U	3.18 U	147.40 U	23.85 U	13.10 U	550.05 U	6.93 U
1,1,2-Trichloroethane	6,850 U	7,600 U	6,550 U	1160.85 U	210 U	20.6 U	14.9 U	4.61 U	195.69 U	31.66 U	17.39 U	730.23 U	9.20 U
1,1-Dichloroethane	6,850 U	7,600 U	6,550 U	699.56 U	210 U	20.6 U	14.9 U	2.78 U	137.74 U	22.28 U	12.24 U	513.98 U	6.48 U
1,1-Dichloroethene	6,850 U	7,600 U	6,550 U	1167.95 U	210 U	20.6 U	14.9 U	4.64 U	165.04 U	26.70 U	14.67 U	615.88 U	7.76 U
1,2,4-Trichlorobenzene	6,850 U	7,600 U	6,550 U	1547.09 U	210 U	20.6 U	14.9 U	6.14 U	263.79 U	42.68 U	23.44 U	984.37 U	12.40 U
1,2,4-Trimethylbenzene	6,850 U	8,210F	13,400	14,500	1,220	25.5F	669	394	14,600	225 F	165 F	1,380 F	37.1 F
1,2-Dibromoethane (EDB)	6,850 U	7,600 U	6,550 U	989.03 U	210 U	20.6 U	23.9F	7.61F	1,300F	25.10 U	13.79 U	606 F	10.9 F
1,2-Dichloro,1,1,2,2-tetrafluoroethane	6,850 U	7,600 U	6,550 U	729.17 U	210 U	20.6 U	14.9 U	2.90 U	133.91 U	21.66 U	11.90 U	499.71 U	6.30 U
1,2-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1236.11 U	210 U	20.6 U	14.9 U	4.91 U	296.94 U	48.04 U	26.39 U	1108.07 U	13.96 U
1,2-Dichloroethane	6,850 U	7,600 U	6,550 U	1166.53 U	210 U	20.6 U	14.9 U	4.63 U	175.96 U	28.47 U	15.64 U	656.62 U	8.27 U
1,2-Dichloropropane	6,850 U	7,600 U	6,550 U	812.95 U	210 U	20.6 U	14.9 U	3.23 U	175.96 U	28.47 U	15.64 U	656.62 U	8.27 U
1,3,5-Trimethylbenzene	6,850 U	7,600 U	6,550 U	6,670F	539	20.6 U	220	156	6,400	97.5 F	72.1 F	1,120 F	29.4 F
1,3-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	20.6 U	14.9 U	4.59 U	238.96 U	45.94 U	25.24 U	1059.63 U	13.35 U
1,4-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1158.72 U	210 U	20.6 U	14.9 U	4.60 U	247.56 U	40.05 U	22.00 U	923.82 U	11.64 U
2-Butanone (MEK)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Acetone	2,180,000	2,060,000	1,920,000	1322.02 U	213 U	20.8 U	2,060	5.25 U	2,450,000	9,540	29,600	3858.77 U	48.62 U
Benzene	931,000	872,000	908,000	678,000	10,200	668	1,560	2,640	652,000	7,100	6,870	193,000	1,710
Bromomethane	6,850 U	7,600 U	6,550 U	781.71 U	210 U	20.6 U	26.9F	100	389.66 U	75.0F	163F	1454.07 U	30.5F
Carbon tetrachloride	6,850 U	7,600 U	6,550 U	1180.02 U	210 U	20.6 U	14.9 U	4.69 U	152.06 U	24.60 U	13.51 U	567.44 U	7.15 U
Chlorobenzene	6,850 U	7,600 U	6,550 U	915.90 U	210 U	20.6 U	14.9 U	3.64 U	196.31 U	31.76 U	17.45 U	732.57 U	9.23 U
Chloroethane	6,850 U	7,600 U	6,550 U	1784.23 U	210 U	20.6 U	14.9 U	7.09 U	331.01 U	53.55 U	29.42 U	1235.22 U	15.57 U
Chloroform	6,850 U	7,600 U	6,550 U	1074.23 U	210 U	20.6 U	14.9 U	4.27 U	138.99 U	22.49 U	12.35 U	518.65 U	6.54 U
Chloromethane	6,850 U	7,600 U	6,550 U	1,363.2 U	210 U	20.6 U	14.9 U	5.41 U	196.31 U	31.76 U	17.45 U	732.57 U	9.23 U
cis-1,2-Dichloroethene	6,850 U	7,600 U	6,550 U	1,165.82 U	210 U	20.6 U	14.9 U	4.63 U	127.30 U	20.60 U	11.31 U	475.06 U	5.99 U
cis-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1020.98 U	210 U	20.6 U	14.9 U	4.06 U	209.94 U	33.96 U	18.66 U	783.43 U	9.87 U
Dichlorodifluoromethane	6,850 U	7,600 U	6,550 U	925.13 U	210 U	20.6 U	14.9 U	3.67 U	163.79 U	26.50 U	14.56 U	611.21 U	7.70 U
Ethylbenzene	64,900	66,700	82,700	101,000	4,660	50.7	800	653	70,300	386	266	14,700	294
Hexachlorobutadiene	6,850 U	7,600 U	6,550 U	1760.80 U	210 U	20.6 U	14.9 U	6.99 U	421.41 U	68.18 U	37.45 U	1572.57 U	19.82 U
m,p-Xylenes	140,000	150,000	195,000	257,000	12,200	137.0	2,200	1,930	161,000	1,100	770	44,500	934
Methyl isobutyl ketone	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	NT	NT	NT	993.73 U	160.76 U	88.31 U	3708.26 U	46.73 U
Methylene chloride	102,000 U	43,600 U	8,520 U	4,470 U	846 U	3,940	999 U	108 U	1,810 U	416 U	183 U	7,790 U	104 U
o-xylene	37,100	41,800	56,100	75,600	3,940	50.7	919	719	44,900	330 F	229	10,200	215
Styrene	6,850 U	7,600 U	6,550 U	2,060F	210 U	20.6 U	14.9 U	8.18F	185.76 U	30.05 U	16.51 U	693.21 U	8.74 U
Tetrachloroethene (PCE)	6,850 U	7,600 U	6,550 U	1006.07 U	210 U	20.6 U	14.9 U	4.00 U	145.94 U	23.61 U	12.97 U	779 F	9.81 F
Toluene	999,000	1,030,000	1,090,000	846,000	30,100	592	3,750	2,430	772,000	3,090	2,230	448,000	6,290
trans-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1045.12 U	210 U	20.6 U	14.9 U	4.15 U	123.20 U	19.93 U	10.95 U	459.75 U	5.79 U
Trichloroethene (TCE)	6,850 U	7,600 U	6,550 U	1112.57 U	210 U	20.6 U	14.9 U	4.42 U	556F	63.8F	22.7F	820.02 U	10.33 U
Trichlorofluoromethane	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	20.6 U	14.9 U	4.59 U	127.30 U	20.60 U	11.31 U	475.06 U	5.99 U
Trichlorotrifluoroethane	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	6,850 U	7,600 U	6,550 U	334.13 U	210 U	20.6 U	14.9 U	1.33 U	170.19 U	27.53 U	15.12 U	635.08 U	8.00 U
Petroleum Hydrocarbons (mg/L)													
TPH - Gasoline	260,000	191,000	186,000	95,100	3,140	210	2,750	1,320	85,400	913	2,000	62,600	1,206
Fixed Gases (percent)													
Oxygen	8.30	4.52	4.71	12.50	1.54F	1.94F	NR	7.16	9.63	7.03	9.25	17.20	5.70
Nitrogen	84.40	74.80	73.90	68.80	79.70	77.20	NR	85.60	69.30	75.60	73.80	74.90	75.80
Carbon Monoxide	0.20 U	0.22 U	0.24 U	0.14 U	0.21 U	0.23 U	0.24 U	0.11 U	0.57 U	0.56 U	0.57 U	0.60 U	0.61 U
Methane	0.22 U	0.25 U	0.27 U	0.16 U	0.23 U	0.25 U	0.26 U	0.13 U	0.46 U	0.46 U	0.47 U	0.49 U	0.50 U
Carbon Dioxide	4.40	4.64	4.58	2.14	13.20	12.60	6.65	10.20	4.95	10.90	9.01	0.69F	10.40

Sample Field ID	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Outlet	SVE-PostCatE2	SVE-Combined Inlet	SVE-PostCatE1	SVE-Inlet	SVMW-05	SVE-Inlet-Q405	SVE-PostCat-E1-Q405	SVE-PostCat-E2-Q405
Date Collected	**04/18/03**	**04/21/03**	**05/30/03**	**11/18/03**	**04/18/03**	**11/23/04**	**3/21/05**	**03/21/05**	**08/12/05**	**08/12/05**	**11/22/05**	**11/22/05**	**11/22/05**
Sample Depth (ft. bgs)	**245**	**245**	**245**	**245**	**SVEW01**	**SVEW01,04,05,08,09**	**SVEW01,04,05,08,09**	**SVEW01,04,05,08,09**	**SVEW01,04,05,08,09**	**SVEW01,05,08,09**	**SVEW01,05,08,09**	**SVEW01,05,08,09**	**SVEW01,05,08,09**
VOCs (ppbv)													
1,1,1-Trichloroethane	6,850 U	7,600 U	6,550 U	1274.45 U	210 U	1.59 U	172.39 U	3.43 U	410.00 U	1.45 U	224.50 U	0.39 F	0.47 U
1,1,2,2-Tetrachloroethane	6,850 U	7,600 U	6,550 U	1614.54 U	210 U	2.95 U	320.56 U	6.38 U	738.00 U	2.61 U	593.93 U	0.33 U	1.24 U
1,1,2-Trichloro-1,2,2-trifluoroethane	6,850 U	7,600 U	6,550 U	799.46 U	210 U	1.69 U	182.82 U	3.64 U	410.00 U	1.74 F	192 F	0.46 F	0.32 U
1,1,2-Trichloroethane	6,850 U	7,600 U	6,550 U	1160.85 U	210 U	2.24 U	242.71 U	4.83 U	328.00 U	1.16 U	715.64 U	0.40 U	1.49 U
1,1-Dichloroethane	6,850 U	7,600 U	6,550 U	699.56 U	210 U	1.57 U	170.83 U	3.40 U	246.00 U	0.87 U	383.72 U	0.21 U	0.80 U
1,1-Dichloroethene	6,850 U	7,600 U	6,550 U	1167.95 U	210 U	1.89 U	204.70 U	4.08 U	410.00 U	1.45 U	415.40 U	0.32 F	0.86 U
1,2,4-Trichlorobenzene	6,850 U	7,600 U	6,550 U	1547.09 U	210 U	86.7	327.18R U	23.5 J	1558.00 U	11.6 F	1746.77 U	0.97 U	3.64 U
1,2,4-Trimethylbenzene	6,850 U	8,210F	13,400	14,500	1,220	28.9	318.26 U	726	6970 F	43.8	8270	8.43	2.94 F
1,2-Dibromoethane (EDB)	6,850 U	7,600 U	6,550 U	989.03 U	210 U	5.83 F	201 F	3.83 U	410.00 U	1.45 U	683.57 U	0.38 U	1.42 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	6,850 U	7,600 U	6,550 U	729.17 U	210 U	1.53 U	166.09 U	3.31 U	820.00 U	2.90 U	295.36 U	0.25 F	0.61 U
1,2-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1236.11 U	210 U	24.1 F	368.29 U	10.9 F	2378.00 U	8.41 U	1007.40 U	0.57 F	2.10 U
1,2-Dichloroethane	6,850 U	7,600 U	6,550 U	1166.53 U	210 U	2.01 U	218.24 U	4.35 U	328.00 U	1.16 U	587.26 U	0.71 F	1.22 U
1,2-Dichloropropane	6,850 U	7,600 U	6,550 U	812.95 U	210 U	2.01 U	218.24 U	4.35 U	574.00 U	2.03 U	568.92 U	0.32 U	1.18 U
1,3,5-Trimethylbenzene	6,850 U	7,600 U	6,550 U	6,670F	539	21.7 F	301.88 U	271	3280 F	14.5 F	3530 F	3.96	1.53 U
1,3-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	19.9 F	352.19 U	8.02 F	1394.00 U	4.93 U	899.67 U	0.57 F	1.87 U
1,4-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1158.72 U	210 U	22.5 F	307.05 U	9.73 F	2378.00 U	8.41 U	882.36 U	0.71 F	1.84 U
2-Butanone (MEK)	NT	NT	NT	NT	NT	NT	1327.39 U	26.43 U	161,000	581	258,000	539	99.6
Acetone	2,180,000	2,060,000	1,920,000	1322.02 U	213 U	11.82 U	1282.54R U	25.54R U	1,600,000	5,210	1,180,000	3160	1,320
Benzene	931,000	872,000	908,000	678,000	10,200	620	47,600	3,070	508,000	494	365,000	413	1,110
Bromomethane	6,850 U	7,600 U	6,550 U	781.71 U	210 U	10.3F	483.29 U	120	738.00 U	4.06 F	139.22 U	23.5	24.4
Carbon tetrachloride	6,850 U	7,600 U	6,550 U	1180.02 U	210 U	1.74 U	188.60 U	3.76 U	410.00 U	1.45 U	285.23 U	0.25 F	0.59 U
Chlorobenzene	6,850 U	7,600 U	6,550 U	915.90 U	210 U	2.24 U	234.48 U	4.85 U	492.00 U	2.90 F	847.09 U	1.32 F	1.76 U
Chloroethane	6,850 U	7,600 U	6,550 U	1784.23 U	210 U	3.78 U	410.55 U	8.18 U	656.00 U	2.32 U	285.23 U	0.16 U	0.59 U
Chloroform	6,850 U	7,600 U	6,550 U	1074.23 U	210 U	1.59 U	172.39 U	3.43 U	246.00 U	0.87 U	627.21 U	0.89 F	1.31 U
Chloromethane	6,850 U	7,600 U	6,550 U	1,363.2 U	210 U	2.24 U	243.48 U	4.85 U	1312.00 U	4.64 U	641 F	1.79 F	1.07 F
cis-1,2-Dichloroethene	6,850 U	7,600 U	6,550 U	1,165.82 U	210 U	1.46 U	157.90 U	3.14 U	574.00 U	2.03 U	567.31 U	0.39 F	1.18 U
cis-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1020.98 U	210 U	2.40 U	260.39 U	5.19 U	656.00 U	2.32 U	686.14 U	0.38 U	1.43 U
Dichlorodifluoromethane	6,850 U	7,600 U	6,550 U	925.13 U	210 U	1.87 U	203.15 U	4.05 U	1066.00 U	3.77 U	513 F	0.29 F	0.76 U
Ethylbenzene	64,900	66,700	82,700	101,000	4,660	118	2,700 F	320	39,800	38.3	31,500	33.1	11.8 F
Hexachlorobutadiene	6,850 U	7,600 U	6,550 U	1760.80 U	210 U	75.5	522.68R U	10.41R U	2296.00 U	8.12 U	1358.17 U	0.76 U	2.83 U
m,p-Xylenes	140,000	150,000	195,000	257,000	12,200	379	7,910	832	96,700	121	78,100	70.1	22.6 F
Methyl isobutyl ketone	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	11.36 U	1232.51 U	25.54 U	3280.00 U	29.0 F	6,690	7.68	8.41 F
Methylene chloride	102,000 U	43,600 U	8,520 U	4,470 U	846 U	103.35	1039.60 U	20.70 U	3360 F	74	70,700	31.7	7.34 F
o-xylene	37,100	41,800	56,100	75,600	3,940	91.2	1,580 F	319	25,000	36.3	22,000	20.4	6.81 F
Styrene	6,850 U	7,600 U	6,550 U	2,060F	210 U	6.36 F	230.4R U	27.5R	1640.00 U	5.80 U	744.49 U	4.8	2.00 F
Tetrachloroethene (PCE)	6,850 U	7,600 U	6,550 U	1006.07 U	210 U	5.30 F	181.01 U	3.60 U	410.00 U	1.45 U	762.45 U	0.42 U	1.59 U
Toluene	999,000	1,030,000	1,090,000	846,000	30,100	2,360	105,000	2,410	495,000	387	427,000	346	159
trans-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1045.12 U	210 U	1.41 U	152.81R U	3.04R U	1066.00 U	3.77 U	526.53 U	0.29 U	1.10 U
Trichloroethene (TCE)	6,850 U	7,600 U	6,550 U	1112.57 U	210 U	3.45F	272.55 U	5.43 U	738.00 U	2.61 U	1021.54 U	0.57 U	2.13 U
Trichlorofluoromethane	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	1.46 U	157.90 U	3.14 U	410.00 U	1.45 U	1150 F	0.39 F	0.54 U
Trichlorotrifluoroethane	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	6,850 U	7,600 U	6,550 U	334.13 U	210 U	1.95 U	211.08 U	4.20 U	820.00 U	2.90 U	383.72 U	0.21 U	0.80 U
Petroleum Hydrocarbons (mg/L)													
TPH - Gasoline	260,000	191,000	186,000	95,100	3,140	1,110	48,700	595	51,500	208	56,300	9.7 U	12.1 U
Fixed Gases (percent)													
Oxygen	8.30	4.52	4.71	12.50	1.54F	7.42	16.00	4.15	13.00	6.60	10.3	6.9	8.47
Nitrogen	84.40	74.80	73.90	68.80	79.70	71.40	75.10	78.80	88.10	82.40	76.0	75.0	72.9
Carbon Monoxide	0.20 U	0.22 U	0.24 U	0.14 U	0.21 U	0.59 U	0.25 U	0.28F	0.25 U	0.26 U	0.28 U	0.24 U	0.24 U
Methane	0.22 U	0.25 U	0.27 U	0.16 U	0.23 U	0.49 U	0.25 U	0.25 U	0.25 U	0.26 U	0.28 U	0.24 U	0.24 U
Carbon Dioxide	4.40	4.64	4.58	2.14	13.20	8.62	0.46 U	9.38	2.85	9.33	2.96	7.79	6.73

Sample Field ID	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Outlet	SVE-Inlet-Q106	SVE-PostCat-E1-Q106	SVE-PostCat-E2-Q106	SVE-Inlet-Q206	SVE-PostCat-E1-Q206	SVE-PostCat-E2-Q206	ST106-AR-INLET-0609
Date Collected	**04/18/03**	**04/21/03**	**05/30/03**	**11/18/03**	**04/18/03**	**03/09/06**	**03/09/06**	**03/09/06**	**04/12/06**	**04/12/06**	**04/12/06**	**09/06/06**
Sample Depth (ft. bgs)	**245**	**245**	**245**	**245**	**SVEW01**	**SVEW01,05,08,09**	**SVEW01,05,08,09**	**SVEW01,05,08,09**	**SVEW01,04,05,08,09**	**SVEW01,04,05,08,09**	**SVEW01,04,05,08,09**	**SVEW01,04,05,08,09**
VOCs (ppbv)												
1,1,1-Trichloroethane	6,850 U	7,600 U	6,550 U	1274.45 U	210 U	120.63 U	1.67 U	2.49 U	1193.88 U	5.10 U	1.73 U	727.08 U
1,1,2,2-Tetrachloroethane	6,850 U	7,600 U	6,550 U	1614.54 U	210 U	217.13 U	3 U	4.48 U	2148.98 U	9.18 U	3.12 U	1046.54 U
1,1,2-Trichloro-1,2,2-trifluoroethane	6,850 U	7,600 U	6,550 U	799.46 U	210 U	120.63 U	1.67 U	2.49 U	1193.88 U	5.10 U	1.73 U	952.26 U
1,1,2-Trichloroethane	6,850 U	7,600 U	6,550 U	1160.85 U	210 U	96.5 U	1.33 U	1.99 U	955.10 U	4.08 U	1.39 U	771.85 U
1,1-Dichloroethane	6,850 U	7,600 U	6,550 U	699.56 U	210 U	72.38 U	1 U	1.49 U	716.33 U	3.06 U	1.04 U	811.87 U
1,1-Dichloroethene	6,850 U	7,600 U	6,550 U	1167.95 U	210 U	120.63 U	1.67 U	2.49 U	1193.88 U	5.1 U	1.73	1016.02 U
1,2,4-Trichlorobenzene	6,850 U	7,600 U	6,550 U	1547.09 U	210 U	458.38 U	6.33 U	9.45 U	4536.73 U	37.7 J	6.93 J	485.97 U
1,2,4-Trimethylbenzene	6,850 U	8,210F	13,400	14,500	1,220	603.13 U	13 J	12.44 U	11000 J	121	16.0 J	6260 F
1,2-Dibromoethane (EDB)	6,850 U	7,600 U	6,550 U	989.03 U	210 U	120.63 U	1.67 U	2.49 U	1193.88 U	5.10 U	1.73 U	548.23 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	6,850 U	7,600 U	6,550 U	729.17 U	210 U	241.25 U	3.33 U	4.98 U	2387.75 U	10.20 U	3.47 U	1035.69 U
1,2-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1236.11 U	210 U	699.63 U	9.67 U	14.43 U	6924.48 U	29.58 U	10.50 U	624.46 U
1,2-Dichloroethane	6,850 U	7,600 U	6,550 U	1166.53 U	210 U	96.5 U	1.33 U	1.99 U	955.10 U	4.08 U	1.39 U	791.52 U
1,2-Dichloropropane	6,850 U	7,600 U	6,550 U	812.95 U	210 U	168.88 U	2.33 U	3.48 U	1671.43 U	7.14 U	2.43 U	996.35 U
1,3,5-Trimethylbenzene	6,850 U	7,600 U	6,550 U	6,670F	539	579 U	12 J	11.94 U	5730.60 U	80.6 J	14.9 J	2,830 F
1,3-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	410.13 U	5.67 U	8.46 U	4059.18 U	17.34 U	5.89 U	594.76 U
1,4-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1158.72 U	210 U	699.63 U	9.67 U	14.43 U	6924.48 U	29.58 U	10.50 U	695.88 U
2-Butanone (MEK)	NT	NT	NT	NT	NT	11,100	85	92.5	69200 J	291 J	53.4 J	125,000
Acetone	2,180,000	2,060,000	1,920,000	1322.02 U	213 U	154,000	1,320	1,870	1,090,000	8,650	1,360	1,100,000
Benzene	931,000	872,000	908,000	678,000	10,200	16,500	733	1,110	255,000	1,390	886	399,000
Bromomethane	6,850 U	7,600 U	6,550 U	781.71 U	210 U	217.13 U	9.33 J	11 J	2148.98 U	81.6 J	65.5	642.37 U
Carbon tetrachloride	6,850 U	7,600 U	6,550 U	1180.02 U	210 U	120.63 U	1.67 U	2.49 U	1193.88 U	5.10 U	1.73 U	760.32 U
Chlorobenzene	6,850 U	7,600 U	6,550 U	915.90 U	210 U	144.75 U	2 U	2.99 U	1432.65 U	6.12 U	2.08 U	922.42 U
Chloroethane	6,850 U	7,600 U	6,550 U	1784.23 U	210 U	193 U	2.67 U	3.98 U	1910.20 U	8.16 U	2.77 U	826.11 U
Chloroform	6,850 U	7,600 U	6,550 U	1074.23 U	210 U	72.38 U	1 U	1.49 U	716.33 U	3.06 U	1.04 U	927.17 U
Chloromethane	6,850 U	7,600 U	6,550 U	1,363.2 U	210 U	386 U	5.33 U	7.96 U	3820.40 U	16.32 U	5.55 U	1134.71 U
cis-1,2-Dichloroethene	6,850 U	7,600 U	6,550 U	1,165.82 U	210 U	168.88 U	2.33 U	3.48 U	1671.43 U	7.14 U	2.43 U	827.47 U
cis-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1020.98 U	210 U	193 U	2.67 U	3.98 U	1910.20 U	8.16 U	2.77 U	548.23 U
Dichlorodifluoromethane	6,850 U	7,600 U	6,550 U	925.13 U	210 U	313.63 U	4.33 U	6.47 U	3104.08 U	13.26 U	4.51 U	882.40 U
Ethylbenzene	64,900	66,700	82,700	101,000	4,660	869 J	19.3 J	25.4 J	28900	35.7 J	20.5 J	30,400
Hexachlorobutadiene	6,850 U	7,600 U	6,550 U	1760.80 U	210 U	675.5 U	9.33 U	13.93 U	6685.70 U	28.56 U	9.71 U	1058.75 U
m,p-Xylenes	140,000	150,000	195,000	257,000	12,200	1,950 J	45.7 J	43.3 J	78100	64.3 J	55.1 J	77,500
Methyl isobutyl ketone	---	---	---	---	---	---	---	---	---	---	---	---
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	531 J	9 J	9.45 J	2387.75 U	10.20 U	3.47 U	1129.29 U
Methylene chloride	102,000 U	43,600 U	8,520 U	4,470 U	846 U	1160 U	16.7 U	23.9 U	32500 J	249 J	75.6 J	5990 U
o-xylene	37,100	41,800	56,100	75,600	3,940	458 J	12.7 J	13.4 J	21500 J	19.4 J	23.2 J	21,000
Styrene	6,850 U	7,600 U	6,550 U	2,060F	210 U	482.5 U	6.67 U	9.95 U	4775.50 U	20.40 U	6.93 U	862.06 U
Tetrachloroethene (PCE)	6,850 U	7,600 U	6,550 U	1006.07 U	210 U	120.63 U	1.67 U	2.49 U	1193.88 U	5.10 U	1.73 U	862.73 U
Toluene	999,000	1,030,000	1,090,000	846,000	30,100	19,300	275	287	389,000	339	215	557,000
trans-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1045.12 U	210 U	313.63 U	4.33 U	6.47 U	3104.08 U	13.26 U	4.51 U	339.40 U
Trichloroethene (TCE)	6,850 U	7,600 U	6,550 U	1112.57 U	210 U	217.13 U	3 U	4.48 U	2148.98 U	9.18 U	3.12 U	947.52 U
Trichlorofluoromethane	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	120.63 U	1.67 U	2.49 U	1193.88 U	5.1 U	1.73	907.50 U
Trichlorotrifluoroethane	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	6,850 U	7,600 U	6,550 U	334.13 U	210 U	241.25 U	3.33 U	4.98 U	2387.75 U	10.20 U	3.47 U	813.22 U
Petroleum Hydrocarbons (mg/L)												
TPH - Gasoline	260,000	191,000	186,000	95,100	3,140	5,970	282	413	51,700	556	121	122,000
Fixed Gases (percent)												
Oxygen	8.30	4.52	4.71	12.50	1.54F	19.9	5.51	6.73	16.5	4.81	4.51	11.8
Nitrogen	84.40	74.80	73.90	68.80	79.70	70.2	74.3	80	84.1	73.2	74.4	69
Carbon Monoxide	0.20 U	0.22 U	0.24 U	0.14 U	0.21 U	0.21 U	0.22 U	0.22 U	0.19 U	0.18 U	0.18 U	0.20 U
Methane	0.22 U	0.25 U	0.27 U	0.16 U	0.23 U	0.21 U	0.22 U	0.22 U	0.20 U	0.19 U	0.19 U	0.21 U
Carbon Dioxide	4.40	4.64	4.58	2.14	13.20	0.39 U	10.6	11	2.4	11.3	10.2	2.11

Sample Field ID	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Outlet	ST106-AR-POSTCATE1	ST106-AR-POSTCATE2	T106-AR-INLET-1611200	ST106-AR-POSTCATE1	ST106-AR-POSTCATE2	ST106-AR-INLET	ST106-AR-POSTCATE1
Date Collected	**04/18/03**	**04/21/03**	**05/30/03**	**11/18/03**	**04/18/03**	**09/06/06**	**09/06/06**	**11/16/06**	**11/16/06**	**11/16/06**	**02/28/07**	**02/28/07**
Sample Depth (ft. bgs)	**245**	**245**	**245**	**245**	**SVEW01**	**SVEW01,04,05,08,09**	**SVEW01,04,05,08,09**	**SVEW 01, 04, 08**	**SVEW 01, 04, 08**	**SVEW 01, 04, 08**	**SVEW 01, 04, 08**	**SVEW 01, 04, 08**
VOCs (ppbv)												
1,1,1-Trichloroethane	6,850 U	7,600 U	6,550 U	1274.45 U	210 U	1.25 U	0.85 U	4200 U	665 U	1075 U	650,085 U	680.1 U
1,1,2,2-Tetrachloroethane	6,850 U	7,600 U	6,550 U	1614.54 U	210 U	1.80 U	1.22 U	4200 U	665 U	1075 U	650,085 U	680.1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	6,850 U	7,600 U	6,550 U	799.46 U	210 U	1.64 U	1.11 U	4200 U	665 U	1075 U	650,085 U	680.1 U
1,1,2-Trichloroethane	6,850 U	7,600 U	6,550 U	1160.85 U	210 U	1.33 U	0.90 U	4200 U	665 U	1075 U	650,085 U	680.1 U
1,1-Dichloroethane	6,850 U	7,600 U	6,550 U	699.56 U	210 U	1.39 U	0.95 U	4200 U	665 U	1075 U	650,085 U	680.1 U
1,1-Dichloroethene	6,850 U	7,600 U	6,550 U	1167.95 U	210 U	1.75 U	1.19 U	4200 U	665 U	1075 U	650,085 U	680.1 U
1,2,4-Trichlorobenzene	6,850 U	7,600 U	6,550 U	1547.09 U	210 U	0.83 U	0.57 U	411 J	665 U	1075 U	65,000 J	88.4 J
1,2,4-Trimethylbenzene	6,850 U	8,210F	13,400	14,500	1,220	33.6	6.47 F	87,200	41,800	21,100	163,000 J	129 J
1,2-Dibromoethane (EDB)	6,850 U	7,600 U	6,550 U	989.03 U	210 U	0.94 U	0.64 U	4200 U	665 U	1075 U	650,085 U	680.1 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	6,850 U	7,600 U	6,550 U	729.17 U	210 U	1.78 U	1.21 U	4200 U	665 U	1075 U	650,085 U	680.1 U
1,2-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1236.11 U	210 U	1.07 U	0.73 U	453 J	665 U	1075 U	650,085 U	680.1 U
1,2-Dichloroethane	6,850 U	7,600 U	6,550 U	1166.53 U	210 U	1.36 U	0.93 U	4200 U	665 U	1075 U	650,085 U	680.1 U
1,2-Dichloropropane	6,850 U	7,600 U	6,550 U	812.95 U	210 U	1.71 U	1.16 U	4200 U	665 U	1075 U	650,085 U	680.1 U
1,3,5-Trimethylbenzene	6,850 U	7,600 U	6,550 U	6,670F	539	12.8	3.68 F	32,500	17,400	8,720	58,500 J	680.1 U
1,3-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	1.02 U	0.70 U	403 J	665 U	1075 U	650,085 U	680.1 U
1,4-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1158.72 U	210 U	1.20 U	0.81 U	574 J	665 U	1075 U	650,085 U	680.1 U
2-Butanone (MEK)	NT	NT	NT	NT	NT	142	83.3	21,500	981	349 J	3,370,000	3,750
Acetone	2,180,000	2,060,000	1,920,000	1322.02 U	213 U	842	971	134,000	5,550	1,640	28,000,000	45,400
Benzene	931,000	872,000	908,000	678,000	10,200	427	476	145,000	7,090	2,620	1,460,000	7,600
Bromomethane	6,850 U	7,600 U	6,550 U	781.71 U	210 U	5.36 F	20.8	4200 U	665 U	1075 U	650,085 U	680.1 U
Carbon tetrachloride	6,850 U	7,600 U	6,550 U	1180.02 U	210 U	1.31 U	0.89 U	4200 U	665 U	1075 U	650,085 U	680.1 U
Chlorobenzene	6,850 U	7,600 U	6,550 U	915.90 U	210 U	1.58 U	1.08 U	4200 U	665 U	1075 U	650,085 U	680.1 U
Chloroethane	6,850 U	7,600 U	6,550 U	1784.23 U	210 U	1.42 U	0.97 U	4200 U	665 U	1075 U	650,085 U	680.1 U
Chloroform	6,850 U	7,600 U	6,550 U	1074.23 U	210 U	1.59 U	1.08 U	4200 U	665 U	1075 U	78,000 J	680.1 U
Chloromethane	6,850 U	7,600 U	6,550 U	1,363.2 U	210 U	1.95 U	1.33 U	4200 U	665 U	1075 U	650,085 U	680.1 U
cis-1,2-Dichloroethene	6,850 U	7,600 U	6,550 U	1,165.82 U	210 U	1.42 U	0.97 U	4200 U	665 U	1075 U	650,085 U	326 J
cis-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1020.98 U	210 U	0.94 U	0.64 U	4200 U	665 U	1075 U	650,085 U	680.1 U
Dichlorodifluoromethane	6,850 U	7,600 U	6,550 U	925.13 U	210 U	1.52 U	1.03 U	4200 U	665 U	1075 U	650,085 U	680.1 U
Ethylbenzene	64,900	66,700	82,700	101,000	4,660	86.2	47.1	63,500	25,000	18,200	351,000 J	544 J
Hexachlorobutadiene	6,850 U	7,600 U	6,550 U	1760.80 U	210 U	1.82 U	1.24 U	4200 U	665 U	1075 U	650,085 U	680.1 U
m,p-Xylenes	140,000	150,000	195,000	257,000	12,200	232	91.3	208,000	98,500	65,900	936,000 J	877 J
Methyl isobutyl ketone	---	---	---	---	---	---	---	---	---	---	---	---
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	0.97 U	2.48 U	4200 U	665 U	1075 U	650,085 U	680.1 U
Methylene chloride	102,000 U	43,600 U	8,520 U	4,470 U	846 U	11.5 U	4.10 U	4200 U	665 U	1075 U	696,000	7,260
o-xylene	37,100	41,800	56,100	75,600	3,940	68.6	24.8	75,200	48,100	26,400	273,000 J	252 J
Styrene	6,850 U	7,600 U	6,550 U	2,060F	210 U	3.34 F	1.01 U	4200 U	665 U	1075 U	650,085 U	109 J
Tetrachloroethene (PCE)	6,850 U	7,600 U	6,550 U	1006.07 U	210 U	1.48 U	1.01 U	4200 U	665 U	1075 U	650,085 U	680.1 U
Toluene	999,000	1,030,000	1,090,000	846,000	30,100	952	438	347,000	60,700	36,500	2,940,000	4,210
trans-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1045.12 U	210 U	0.58 U	0.40 U	4200 U	665 U	1075 U	650,085 U	680.1 U
Trichloroethene (TCE)	6,850 U	7,600 U	6,550 U	1112.57 U	210 U	7.52 F	1.11 U	4200 U	665 U	1075 U	650,085 U	680.1 U
Trichlorofluoromethane	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	1.56 U	1.06 U	4200 U	665 U	1075 U	650,085 U	680.1 U
Trichlorotrifluoroethane	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	6,850 U	7,600 U	6,550 U	334.13 U	210 U	1.40 U	0.95 U	4200 U	665 U	1075 U	650,085 U	680.1 U
Petroleum Hydrocarbons (mg/L)												
TPH - Gasoline	260,000	191,000	186,000	95,100	3,140	150	578	37,500 J	21,400 J	14,500 J	113,000	2,120
Fixed Gases (percent)												
Oxygen	8.30	4.52	4.71	12.50	1.54F	8.29	6.1	18.8	9.02	11.6	10.2	5.06
Nitrogen	84.40	74.80	73.90	68.80	79.70	79.4	78.5	73.7	73.6	76.5	59.8	61.3
Carbon Monoxide	0.20 U	0.22 U	0.24 U	0.14 U	0.21 U	0.20 U	0.21 U	1.3 U	1.3 U	1.1 U	1.2 U	1.1 U
Methane	0.22 U	0.25 U	0.27 U	0.16 U	0.23 U	0.21 U	0.22 U	1.3 U	1.3 U	1.1 U	1.2 U	1.1 U
Carbon Dioxide	4.40	4.64	4.58	2.14	13.20	9.1	8.24	5.4	13.5	11.1	3.68	9.98

Sample Field ID	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Outlet	ST106-AR-POSTCATE2	SVEW-01	SVEW-01	SVEW-01	SVEW-01	SVEW-01	SVEW-02	SVEW-02	SVEW-02 DUP	SVEW-02
Date Collected	**04/18/03**	**04/21/03**	**05/30/03**	**11/18/03**	**04/18/03**	**02/28/07**	**04/15/03**	**06/13/03**	**03/02/07**	**06/29/07**	**08/22/07**	**11/18/03**	**03/02/07**	**03/02/07**	**06/29/07**
Sample Depth (ft. bgs)	**245**	**245**	**245**	**245**	**SVEW01**	**SVEW 01, 04, 08**	**245**	**245**	**245**	**245**	**245**	**45**	**45**	**45**	**45**
VOCs (ppbv)															
1,1,1-Trichloroethane	6,850 U	7,600 U	6,550 U	1274.45 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 19306.3	< 5240.99	45.77 U	32,450.8 U	30,723.8 U	< 2884.49
1,1,2,2-Tetrachloroethane	6,850 U	7,600 U	6,550 U	1614.54 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 14092.62	< 3825.66	57.99 U	32,450.8 U	30,723.8 U	< 2105.53
1,1,2-Trichloro-1,2,2-trifluoroethane	6,850 U	7,600 U	6,550 U	799.46 U	210 U	132.7 U	3,250 U	5850 U	64,780.9 U	--	--	28.71 U	32,450.8 U	30,723.8 U	--
1,1,2-Trichloroethane	6,850 U	7,600 U	6,550 U	1160.85 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 15650.84	< 4248.66	41.69 U	32,450.8 U	30,723.8 U	< 2338.34
1,1-Dichloroethane	6,850 U	7,600 U	6,550 U	699.56 U	210 U	132.7 U	3,250 U	5850 U	64,780.9 U	< 19191.96	< 5209.95	25.13 U	32,450.8 U	30,723.8 U	< 2867.41
1,1-Dichloroethene	6,850 U	7,600 U	6,550 U	1167.95 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 18685.62	< 5072.5	14.95 U	32,450.8 U	30,723.8 U	< 2791.75
1,2,4-Trichlorobenzene	6,850 U	7,600 U	6,550 U	1547.09 U	210 U	132.7 U	3,250 U	5850 U	64,780.9 UJ	< 13538.91	< 3675.34	55.56 U	32,450.8 UJ	30,723.8 UJ	< 2022.8
1,2,4-Trimethylbenzene	6,850 U	8,210F	13,400	14,500	1,220	10.6 J	8,260	8890F	219,000	96400 J	56300	451	177,000	140,000	78100
1,2-Dibromoethane (EDB)	6,850 U	7,600 U	6,550 U	989.03 U	210 U	132.7 U	3,250 U	5850 U	64,780.9 U	< 15910.54	< 4319.16	35.52 U	32,450.8 U	30,723.8 U	< 2377.14
1,2-Dichloro,1,1,2,2-tetrafluoroethane	6,850 U	7,600 U	6,550 U	729.17 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	--	--	26.19 U	32,450.8 U	30,723.8 U	--
1,2-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1236.11 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 11923.52	< 3236.82	44.40 U	32,450.8 U	30,723.8 U	< 1781.45
1,2-Dichloroethane	6,850 U	7,600 U	6,550 U	1166.53 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 17934.28	< 4868.53	41.90 U	32,450.8 U	30,723.8 U	< 2679.5
1,2-Dichloropropane	6,850 U	7,600 U	6,550 U	812.95 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 22736.35	< 6172.13	29.20 U	32,450.8 U	30,723.8 U	< 3396.96
1,3,5-Trimethylbenzene	6,850 U	7,600 U	6,550 U	6,670F	539	132.7 U	4,160F	5850 U	73,900	< 11688.31	20800 J	50.26 U	89,900 J	46,400 J	33200
1,3-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 11923.52	< 3236.82	41.54 U	32,450.8 U	30,723.8 U	< 1781.45
1,4-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1158.72 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 13832.91	< 3755.15	41.62 U	32,450.8 U	30,723.8 U	< 2066.73
2-Butanone (MEK)	NT	NT	NT	NT	NT	954	NT	NT	367,000	1040000	577000	NT	219,000	220,000	166000
Acetone	2,180,000	2,060,000	1,920,000	1322.02 U	213 U	13,000	500,000	2,550,000	4,220,000 J	6590000	4310000	47.48 U	2,930,000 J	2,160,000 J	1940000
Benzene	931,000	872,000	908,000	678,000	10,200	2,070	237,000	735,000	355,000	395000	894000	4,780	204,000 J	101,000 J	99100
Bromomethane	6,850 U	7,600 U	6,550 U	781.71 U	210 U	84.9 J	3,250 U	5850 U	64,780.9 U	< 16016.71	< 4347.98	28.08 U	32,450.8 U	30,723.8 U	< 2393
Carbon tetrachloride	6,850 U	7,600 U	6,550 U	1180.02 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 21086.66	< 5724.29	42.38 U	32,450.8 U	30,723.8 U	< 3150.49
Chlorobenzene	6,850 U	7,600 U	6,550 U	915.90 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 16119.61	< 4375.91	32.90 U	32,450.8 U	30,723.8 U	< 2408.38
Chloroethane	6,850 U	7,600 U	6,550 U	1784.23 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 26819.74	< 7280.63	64.08 U	32,450.8 U	30,723.8 U	< 4007.05
Chloroform	6,850 U	7,600 U	6,550 U	1074.23 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 19306.3	< 5240.99	38.58 U	32,450.8 U	30,723.8 U	< 2884.49
Chloromethane	6,850 U	7,600 U	6,550 U	1,363.2 U	210 U	132.7 U	3,250 U	5850 U	64,780.9 U	< 25611.06	< 6952.51	48.96 U	32,450.8 U	30,723.8 U	< 3826.46
cis-1,2-Dichloroethene	6,850 U	7,600 U	6,550 U	1,165.82 U	210 U	132.7 U	3,250 U	5850 U	64,780.9 U	< 20514.98	< 5569.1	41.87 U	32,450.8 U	30,723.8 U	< 3065.07
cis-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1020.98 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 13457.24	< 3653.17	36.67 U	32,450.8 U	30,723.8 U	< 2010.6
Dichlorodifluoromethane	6,850 U	7,600 U	6,550 U	925.13 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 19126.63	< 5192.21	33.23 U	32,450.8 U	30,723.8 U	< 2857.64
Ethylbenzene	64,900	66,700	82,700	101,000	4,660	71.7 J	42,200	55,500	202,000	98000 J	129000	3,710	347,000 J	72,500 J	73700
Hexachlorobutadiene	6,850 U	7,600 U	6,550 U	1760.80 U	210 U	132.7 U	3,250 U	5850 U	64,780.9 UJ	< 8852.8	< 2403.23	63.24 U	32,450.8 UJ	30,723.8 UJ	< 1322.67
m,p-Xylenes	140,000	150,000	195,000	257,000	12,200	126 J	95,100	135,000	611,000	314000 J	358000	9,290	1,310,000 J	245,000 J	225000
Methyl isobutyl ketone	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	132.7 U	NT	NT	64,780.9 U	< 44149.68	< 11985.1	NT	32,450.8 U	30,723.8 U	< 6596.25
Methylene chloride	102,000 U	43,600 U	8,520 U	4,470 U	846 U	132.7 U	105,000	32,900 U	86,200	418000	< 21762.07	112	65,200	50,100	< 11977.21
o-xylene	37,100	41,800	56,100	75,600	3,940	33.2 J	28,700	39,300	205,000	98000 J	104000	2,670	500,000 J	90,300 J	80000
Styrene	6,850 U	7,600 U	6,550 U	2,060F	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 11237.51	< 3050.59	74.0F	32,450.8 U	30,723.8 U	2680 J
Tetrachloroethene (PCE)	6,850 U	7,600 U	6,550 U	1006.07 U	210 U	132.7 U	3,250 U	5850 U	64,780.9 U	< 16643.92	< 4518.25	36.13 U	32,450.8 U	30,723.8 U	< 2486.71
Toluene	999,000	1,030,000	1,090,000	846,000	30,100	885	376,000	762,000	1,290,000	823000	1520000	23,100	922,000 J	225,000 J	399000
trans-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1045.12 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 12937.83	< 3512.17	37.54 U	32,450.8 U	30,723.8 U	< 1933
Trichloroethene (TCE)	6,850 U	7,600 U	6,550 U	1112.57 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 20596.65	< 5591.27	39.96 U	32,450.8 U	30,723.8 U	< 3077.28
Trichlorofluoromethane	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 19485.97	< 5289.76	41.54 U	32,450.8 U	30,723.8 U	< 2911.33
Trichlorotrifluoroethane	---	---	---	---	---	---	---	---	---	< 18081.28	< 4908.44	---	---	---	< 2701.46
Vinyl chloride	6,850 U	7,600 U	6,550 U	334.13 U	210 U	132.7 U	3250 U	5850 U	64,780.9 U	< 17313.6	< 4700.04	12.00 U	32,450.8 U	30,723.8 U	< 2586.77
Petroleum Hydrocarbons (mg/L)															
TPH - Gasoline	260,000	191,000	186,000	95,100	3,140	667	38,800	132,000	58,600	132000	16800	478	17,500	18,800	52600
Fixed Gases (percent)															
Oxygen	8.30	4.52	4.71	12.50	1.54F	4.52	15.7	4.37	12.8	10.9	12.2	22.0	9.14 J	6.13 J	22.9
Nitrogen	84.40	74.80	73.90	68.80	79.70	58	63.4	78.0	62	63	63.5	76.1	59.1	62.7	76.7
Carbon Monoxide	0.20 U	0.22 U	0.24 U	0.14 U	0.21 U	1.1 U	0.21 U	0.21 U	1.1 U	< 0.14	< 0.16	0.12 U	1 U	1 U	< 0.14
Methane	0.22 U	0.25 U	0.27 U	0.16 U	0.23 U	1.1 U	0.24 U	0.24 U	1.1 U	< 0.21	< 0.23	0.14 U	1 U	1 U	< 0.21
Carbon Dioxide	4.40	4.64	4.58	2.14	13.20	9.99	0.84F	4.97	3.08	132000	16800	0.12 U	5.62 J	7.85 J	52600

Sample Field ID	**SVEW-01-Inlet**	**SVEW-01-Inlet**	**SVEW-01-Inlet**	**SVEW-01-Inlet**	**SVEW-01-Outlet**	**SVEW-02**	**SVEW-03**	**SVEW-03**	**SVEW-03 DUP**	**SVEW-03**	**SVEW-03**	**SVEW-04**	**SVEW-04**	**SVEW-04**	**SVEW-04**	**SVEW-05**	**SVEW-05**
Date Collected	**04/18/03**	**04/21/03**	**05/30/03**	**11/18/03**	**04/18/03**	**08/22/07**	**11/18/03**	**02/28/07**	**06/29/07**	**06/29/07**	**08/22/07**	**11/18/03**	**03/02/07**	**06/29/07**	**08/22/07**	**11/18/03**	**03/02/07**
Sample Depth (ft. bgs)	**245**	**245**	**245**	**245**	**SVEW01**	**45**	**145**	**145**	**145**	**145**	**145**	**298**	**298**			**445**	**445**
VOCs (ppbv)																	
1,1,1-Trichloroethane	6,850 U	7,600 U	6,550 U	1274.45 U	210 U	< 2597.92	39.49 U	26,550.3 U	< 89.62	76.6 J	< 1353.27	331.18 U	19,456.2 U	< 325.57	< 1155.41	12.76 U	50,559.3 U
1,1,2,2-Tetrachloroethane	6,850 U	7,600 U	6,550 U	1614.54 U	210 U	< 1896.35	50.03 U	26,550.3 U	< 65.42	< 55.06	< 987.82	419.55 U	19,456.2 U	< 237.65	< 843.39	16.17 U	50,559.3 U
1,1,2-Trichloro-1,2,2-trifluoroethane	6,850 U	7,600 U	6,550 U	799.46 U	210 U	--	--	--	--	--	--	--	--	--	--	8.01 U	50,559.3 U
1,1,2-Trichloroethane	6,850 U	7,600 U	6,550 U	1160.85 U	210 U	< 2106.03	35.97 U	26,550.3 U	< 72.65	< 61.15	< 1097.04	301.66 U	19,456.2 U	< 263.92	< 936.64	11.62 U	50,559.3 U
1,1-Dichloroethane	6,850 U	7,600 U	6,550 U	699.56 U	210 U	< 2582.53	21.68 U	26,550.3 U	< 89.09	< 74.98	< 1345.26	181.79 U	19,456.2 U	< 323.64	< 1148.56	7.01 U	50,559.3 U
1,1-Dichloroethene	6,850 U	7,600 U	6,550 U	1167.95 U	210 U	< 2514.4	36.19 U	26,550.3 U	< 86.74	< 73	< 1309.77	303.50 U	19,456.2 U	< 315.1	< 1118.26	11.70 U	50,559.3 U
1,2,4-Trichlorobenzene	6,850 U	7,600 U	6,550 U	1547.09 U	210 U	< 1821.84	47.94 U	26,550.3 U	< 62.85	< 52.89	< 949.01	402.03 U	19,456.2 UJ	< 228.31	< 810.25	15.49 U	50,559.3 UJ
1,2,4-Trimethylbenzene	6,850 U	8,210F	13,400	14,500	1,220	30900	3,240	26,300 J	205 J	< 50.55	43200	369 F	73,900	2230 J	4690 J	37.0 F	47,000 J
1,2-Dibromoethane (EDB)	6,850 U	7,600 U	6,550 U	989.03 U	210 U	< 2140.97	30.65 U	26,550.3 U	< 73.86	< 62.16	< 1115.25	257.01 U	19,456.2 U	< 268.3	< 952.18	9.90 U	50,559.3 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	6,850 U	7,600 U	6,550 U	729.17 U	210 U	--	--	--	--	--	--	--	--	--	--	7.30 U	50,559.3 U
1,2-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1236.11 U	210 U	< 1604.47	38.30 U	26,550.3 U	< 55.35	< 46.58	< 835.78	321.21 U	19,456.2 U	< 201.07	< 713.58	12.38 U	4,040 J
1,2-Dichloroethane	6,850 U	7,600 U	6,550 U	1166.53 U	210 U	< 2413.29	36.15 U	26,550.3 U	< 83.25	< 70.07	< 1257.1	303.13 U	19,456.2 U	< 302.43	< 1073.3	11.68 U	50,559.3 U
1,2-Dichloropropane	6,850 U	7,600 U	6,550 U	812.95 U	210 U	< 3059.48	25.19 U	26,550.3 U	< 105.54	< 88.83	< 1593.7	211.25 U	19,456.2 U	< 383.41	< 1360.68	8.14 U	50,559.3 U
1,3,5-Trimethylbenzene	6,850 U	7,600 U	6,550 U	6,670F	539	9630 J	43.36 U	7,170 J	83.4 J	< 45.66	12900	363.65 U	25,900	964 J	2740 J	14.01 U	17,200 J
1,3-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	< 1604.47	35.84 U	26,550.3 U	< 55.35	< 46.58	< 835.78	300.55 U	19,456.2 U	< 201.07	< 713.58	11.58 U	50,559.3 U
1,4-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1158.72 U	210 U	< 1861.4	35.90 U	26,550.3 U	< 64.21	< 54.04	< 969.62	301.10 U	19,456.2 U	< 233.27	< 827.84	11.60 U	50,559.3 U
2-Butanone (MEK)	NT	NT	NT	NT	NT	140000	NT	67,700	1460	1000	99500	NT	207,000	9890	12000	NT	855,000
Acetone	2,180,000	2,060,000	1,920,000	1322.02 U	213 U	1450000	40.96 U	882,000 J	13100	13800	1020000	343.54 U	1,150,000 J	58900	13700 J	13.24 U	4,620,000 J
Benzene	931,000	872,000	908,000	678,000	10,200	107000	11,000	67,200	2830	1800	93900	106,000	351,000	106000	301000	2,910	394,000
Bromomethane	6,850 U	7,600 U	6,550 U	781.71 U	210 U	< 2155.26	24.22 U	26,550.3 U	< 74.35	< 62.58	< 1122.69	203.13 U	19,456.2 U	< 270.09	< 958.54	7.83 U	50,559.3 U
Carbon tetrachloride	6,850 U	7,600 U	6,550 U	1180.02 U	210 U	< 2837.49	36.56 U	26,550.3 U	< 97.88	< 82.38	< 1478.07	306.64 U	19,456.2 U	< 355.59	< 1261.95	11.82 U	50,559.3 U
Chlorobenzene	6,850 U	7,600 U	6,550 U	915.90 U	210 U	< 2169.11	28.38 U	26,550.3 U	< 74.83	< 62.98	< 1129.9	238.01 U	19,456.2 U	< 271.83	< 964.69	9.17 U	50,559.3 U
Chloroethane	6,850 U	7,600 U	6,550 U	1784.23 U	210 U	< 3608.95	55.29 U	26,550.3 U	< 124.5	< 104.78	< 1879.93	463.65 U	19,456.2 U	< 452.27	< 1605.06	17.87 U	50,559.3 U
Chloroform	6,850 U	7,600 U	6,550 U	1074.23 U	210 U	< 2597.92	33.29 U	26,550.3 U	< 89.62	< 75.43	< 1353.27	279.15 U	19,456.2 U	< 325.57	< 1155.41	10.76 U	50,559.3 U
Chloromethane	6,850 U	7,600 U	6,550 U	1,363.2 U	210 U	< 3446.31	42.24 U	26,550.3 U	< 118.89	< 100.06	< 1795.2	354.24 U	19,456.2 U	< 431.89	< 1532.72	13.65 U	50,559.3 U
cis-1,2-Dichloroethene	6,850 U	7,600 U	6,550 U	1,165.82 U	210 U	< 2760.56	36.12 U	26,550.3 U	< 95.23	< 80.15	< 1437.99	302.95 U	19,456.2 U	< 345.95	< 1227.74	11.67 U	50,559.3 U
cis-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1020.98 U	210 U	< 1810.85	31.64 U	26,550.3 U	< 62.47	< 52.58	< 943.28	265.31 U	19,456.2 U	< 226.93	< 805.36	10.22 U	50,559.3 U
Dichlorodifluoromethane	6,850 U	7,600 U	6,550 U	925.13 U	210 U	< 2573.74	28.67 U	26,550.3 U	< 88.79	< 74.73	< 1340.68	240.40 U	19,456.2 U	< 322.54	< 1144.65	9.26 U	50,559.3 U
Ethylbenzene	64,900	66,700	82,700	101,000	4,660	35100	4,320	19,100 J	591 J	102 J	27600	5,890	62,600	8150	36900	199	130,000
Hexachlorobutadiene	6,850 U	7,600 U	6,550 U	1760.80 U	210 U	< 1191.26	54.56 U	26,550.3 UJ	< 41.09	< 34.59	< 620.54	457.56 U	19,456.2 UJ	< 149.29	< 529.81	17.63 U	50,559.3 UJ
m,p-Xylenes	140,000	150,000	195,000	257,000	12,200	96300	6,840	40,400 J	1610	294 J	60100	14,700	195,000	26100	124000	515	359,000
Methyl isobutyl ketone	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	< 5940.92	NT	26,550.3 U	< 204.94	< 172.49	< 3094.66	NT	19,456.2 U	< 744.51	< 2642.18	NT	50,559.3 U
Methylene chloride	102,000 U	43,600 U	8,520 U	4,470 U	846 U	< 10787.29	174 U	52,300	644 J	574 J	< 5619.17	886 U	19,456.2 U	< 1351.85	< 4797.57	52.6 U	269,000
o-xylene	37,100	41,800	56,100	75,600	3,940	32800	2,520	14,600 J	470 J	102 J	23600	3,540	66,300	6500	29700	134	102,000
Styrene	6,850 U	7,600 U	6,550 U	2,060F	210 U	< 1512.16	35.40 U	26,550.3 U	< 52.16	< 43.9	< 787.69	296.86 U	19,456.2 U	248 J	< 672.52	11.44 U	50,559.3 U
Tetrachloroethene (PCE)	6,850 U	7,600 U	6,550 U	1006.07 U	210 U	< 2239.66	31.17 U	26,550.3 U	< 77.26	< 65.03	< 1166.65	261.44 U	19,456.2 U	< 280.67	< 996.07	10.07 U	50,559.3 U
Toluene	999,000	1,030,000	1,090,000	846,000	30,100	243000	15,100	82,800	6480	1720	110000	176,000	525,000	237000	912000	5,290	1,340,000
trans-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1045.12 U	210 U	< 1740.96	32.38 U	26,550.3 U	< 60.06	< 50.55	< 906.88	271.58 U	19,456.2 U	< 218.17	< 774.28	10.47 U	50,559.3 U
Trichloroethene (TCE)	6,850 U	7,600 U	6,550 U	1112.57 U	210 U	< 2771.55	34.47 U	26,550.3 U	< 95.61	< 80.47	< 1443.72	289.11 U	19,456.2 U	< 347.33	< 1232.63	11.14 U	50,559.3 U
Trichlorofluoromethane	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	< 2622.09	35.84 U	26,550.3 U	< 90.45	< 76.13	< 1365.87	300.55 U	19,456.2 U	< 328.6	< 1166.16	11.58 U	50,559.3 U
Trichlorotrifluoroethane	---	---	---	---	---	< 2433.08	---	---	< 83.93	< 70.64	< 1267.4	---	---	< 304.91	< 1082.09	---	---
Vinyl chloride	6,850 U	7,600 U	6,550 U	334.13 U	210 U	< 2329.77	10.35 U	26,550.3 U	< 80.37	< 67.64	< 1213.59	86.83 U	19,456.2 U	< 291.96	< 1036.15	3.35 U	50,559.3 U
Petroleum Hydrocarbons (mg/L)																	
TPH - Gasoline	260,000	191,000	186,000	95,100	3,140	18100	4,010	18,200	1120 J	< 171	12400	1,280	55,300	58500	40000	536	63,700
Fixed Gases (percent)																	
Oxygen	8.30	4.52	4.71	12.50	1.54F	17.8	19.5	63	21.3	20.8	10.3	23.4	14.2	18.4	17.7	22.7	8.15
Nitrogen	84.40	74.80	73.90	68.80	79.70	73	70.9	7.82	69.4	66.2	59.5	84.0	61.1	67.5	61.2	88.0	64.7
Carbon Monoxide	0.20 U	0.22 U	0.24 U	0.14 U	0.21 U	< 0.15	0.12 U	1.1 U	< 0.14	< 0.14	< 0.15	0.13 U	1.1 U	< 0.15	< 0.16	0.12 U	1.1 U
Methane	0.22 U	0.25 U	0.27 U	0.16 U	0.23 U	< 0.22	0.14 U	1.1 U	< 0.21	< 0.2	< 0.22	0.14 U	1.1 U	< 0.22	< 0.23	0.14 U	1.1 U
Carbon Dioxide	4.40	4.64	4.58	2.14	13.20	18100	0.12 U	4.53	< 0.21	< 0.21	7.44	0.68F	1.47	< 0.22	< 0.23	0.58F	4.3

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 20 of 24

Sample Field ID	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Outlet	SVEW-05	SVEW-05	SVEW-06	SVEW-06
Date Collected	**04/18/03**	**04/21/03**	**05/30/03**	**11/18/03**	**04/18/03**	**06/29/07**	**08/22/07**	**11/18/03**	**02/28/07**
Sample Depth (ft. bgs)	**245**	**245**	**245**	**245**	**SVEW01**			**45**	**45**
VOCs (ppbv)									
1,1,1-Trichloroethane	6,850 U	7,600 U	6,550 U	1274.45 U	210 U	< 231.82	< 1333.5	136.06 U	1,260.2 U
1,1,2,2-Tetrachloroethane	6,850 U	7,600 U	6,550 U	1614.54 U	210 U	< 169.22	< 973.39	172.37 U	1,260.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	6,850 U	7,600 U	6,550 U	799.46 U	210 U	--	--	--	--
1,1,2-Trichloroethane	6,850 U	7,600 U	6,550 U	1160.85 U	210 U	< 187.93	< 1081.01	123.93 U	391 J
1,1-Dichloroethane	6,850 U	7,600 U	6,550 U	699.56 U	210 U	< 230.45	< 1325.6	74.69 U	1,260.2 U
1,1-Dichloroethene	6,850 U	7,600 U	6,550 U	1167.95 U	210 U	< 224.37	< 1290.63	124.69 U	1,260.2 U
1,2,4-Trichlorobenzene	6,850 U	7,600 U	6,550 U	1547.09 U	210 U	< 162.57	< 935.14	165.17 U	1,260.2 UJ
1,2,4-Trimethylbenzene	6,850 U	8,210F	13,400	14,500	1,220	12100	2260 J	10,300	14,200
1,2-Dibromoethane (EDB)	6,850 U	7,600 U	6,550 U	989.03 U	210 U	< 191.05	< 1098.95	105.59 U	1,260.2 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	6,850 U	7,600 U	6,550 U	729.17 U	210 U	--	--	--	--
1,2-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1236.11 U	210 U	< 143.17	< 823.56	131.97 U	1,260.2 U
1,2-Dichloroethane	6,850 U	7,600 U	6,550 U	1166.53 U	210 U	< 215.35	< 1238.73	124.54 U	1,260.2 U
1,2-Dichloropropane	6,850 U	7,600 U	6,550 U	812.95 U	210 U	< 273.01	< 1570.41	86.79 U	1,260.2 U
1,3,5-Trimethylbenzene	6,850 U	7,600 U	6,550 U	6,670F	539	6280	2030 J	149.40 U	3,890
1,3-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	< 143.17	< 823.56	123.48 U	1,260.2 U
1,4-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1158.72 U	210 U	< 166.1	< 955.45	123.71 U	1,260.2 U
2-Butanone (MEK)	NT	NT	NT	NT	NT	12100	< 2829.45	NT	12,100
Acetone	2,180,000	2,060,000	1,920,000	1322.02 U	213 U	148000	< 9591.7	141.14 U	69,600 J
Benzene	931,000	872,000	908,000	678,000	10,200	23200	269000	43,100	37,600
Bromomethane	6,850 U	7,600 U	6,550 U	781.71 U	210 U	< 192.32	< 1106.28	258 F	1,260.2 U
Carbon tetrachloride	6,850 U	7,600 U	6,550 U	1180.02 U	210 U	< 253.2	< 1456.47	152.98 U	1,260.2 U
Chlorobenzene	6,850 U	7,600 U	6,550 U	915.90 U	210 U	< 193.56	< 1113.39	97.78 U	1,260.2 U
Chloroethane	6,850 U	7,600 U	6,550 U	1784.23 U	210 U	< 322.04	< 1852.46	190.49 U	1,260.2 U
Chloroform	6,850 U	7,600 U	6,550 U	1074.23 U	210 U	< 231.82	< 1333.5	114.69 U	1,260.2 U
Chloromethane	6,850 U	7,600 U	6,550 U	1,363.2 U	210 U	< 307.53	< 1768.97	1,590	1,260.2 U
cis-1,2-Dichloroethene	6,850 U	7,600 U	6,550 U	1,165.82 U	210 U	< 246.33	< 1416.98	174 F	1,260.2 U
cis-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1020.98 U	210 U	< 161.59	< 929.5	109.00 U	1,260.2 U
Dichlorodifluoromethane	6,850 U	7,600 U	6,550 U	925.13 U	210 U	< 229.66	< 1321.09	98.77 U	1,260.2 U
Ethylbenzene	64,900	66,700	82,700	101,000	4,660	11300	26600	27,800	19,700
Hexachlorobutadiene	6,850 U	7,600 U	6,550 U	1760.80 U	210 U	< 106.3	< 611.47	187.98 U	1,260.2 UJ
m,p-Xylenes	140,000	150,000	195,000	257,000	12,200	43800	62500	29,900	26,600
Methyl isobutyl ketone	---	---	---	---	---	--	--	---	---
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	< 530.13	< 3049.44	NT	1,260.2 U
Methylene chloride	102,000 U	43,600 U	8,520 U	4,470 U	846 U	< 962.59	< 5537.06	440 U	1,260.2 U
o-xylene	37,100	41,800	56,100	75,600	3,940	18000	16000	11,700	10,700
Styrene	6,850 U	7,600 U	6,550 U	2,060F	210 U	< 134.93	< 776.18	318 F	1,260.2 U
Tetrachloroethene (PCE)	6,850 U	7,600 U	6,550 U	1006.07 U	210 U	< 199.85	< 1149.61	107.41 U	1,260.2 U
Toluene	999,000	1,030,000	1,090,000	846,000	30,100	69900	754000	60,700	49,300
trans-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1045.12 U	210 U	< 155.35	< 893.62	111.58 U	1,260.2 U
Trichloroethene (TCE)	6,850 U	7,600 U	6,550 U	1112.57 U	210 U	< 247.31	< 1422.62	118.78 U	1,260.2 U
Trichlorofluoromethane	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	< 233.98	< 1345.91	123.48 U	1,260.2 U
Trichlorotrifluoroethane	---	---	---	---	---	< 217.11	< 1248.88	---	---
Vinyl chloride	6,850 U	7,600 U	6,550 U	334.13 U	210 U	< 207.89	< 1195.86	35.67 U	1,260.2 U
Petroleum Hydrocarbons (mg/L)									
TPH - Gasoline	260,000	191,000	186,000	95,100	3,140	40700	74000	1,430	11,500
Fixed Gases (percent)									
Oxygen	8.30	4.52	4.71	12.50	1.54F	20.7	14.4	3.02	10.8
Nitrogen	84.40	74.80	73.90	68.80	79.70	64.5	64.9	68.1	65.8
Carbon Monoxide	0.20 U	0.22 U	0.24 U	0.14 U	0.21 U	< 0.14	< 0.16	0.13 U	1.1 U
Methane	0.22 U	0.25 U	0.27 U	0.16 U	0.23 U	< 0.21	< 0.24	0.14 U	1.1 U
Carbon Dioxide	4.40	4.64	4.58	2.14	13.20	< 0.22	6.31	8.05	6.05

Sample Field ID	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Outlet	SVEW-06	SVEW-06	SVEW-07	SVEW-07	SVEW-07 DUP	SVEW-07	SVEW-07	SVEW-07 DUP	SVEW-08	SVEW-08	SVEW-08	SVEW-08
Date Collected	**04/18/03**	**04/21/03**	**05/30/03**	**11/18/03**	**04/18/03**	**06/29/07**	**08/22/07**	**11/18/03**	**02/28/07**	**02/28/07**	**06/29/07**	**06/29/07**	**08/22/07**	**11/18/03**	**02/28/07**	**06/29/07**	**08/22/07**
Sample Depth (ft. bgs)	**245**	**245**	**245**	**245**	**SVEW01**			**145**	**145**	**145**				**245**	**245**		
VOCs (ppbv)																	
1,1,1-Trichloroethane	6,850 U	7,600 U	6,550 U	1274.45 U	210 U	< 35.3	< 129.11	583.38 U	2,720.6 U	2,995 U	< 4813.19	< 101.57	< 77.94	26.39 U	13,031.8 U	< 67.14	< 304.25
1,1,2,2-Tetrachloroethane	6,850 U	7,600 U	6,550 U	1614.54 U	210 U	< 25.76	< 94.24	739.05 U	2,720.6 U	2,995 U	< 3513.39	1260	< 56.89	33.43 U	13,031.8 U	< 49.01	< 222.08
1,1,2-Trichloro-1,2,2-trifluoroethane	6,850 U	7,600 U	6,550 U	799.46 U	210 U	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	6,850 U	7,600 U	6,550 U	1160.85 U	210 U	< 28.61	262 J	531.38 U	2,720.6 U	2,995 U	< 3901.86	< 82.34	< 63.18	24.03 U	2,610 J	< 54.42	< 246.64
1,1-Dichloroethane	6,850 U	7,600 U	6,550 U	699.56 U	210 U	< 35.09	< 128.35	320.22 U	2,720.6 U	2,995 U	< 4784.69	< 100.97	< 77.48	14.48 U	13,031.8 U	< 66.74	< 302.45
1,1-Dichloroethene	6,850 U	7,600 U	6,550 U	1167.95 U	210 U	< 34.16	< 124.96	534.63 U	2,720.6 U	2,995 U	< 4658.45	< 98.3	< 75.44	24.18 U	13,031.8 U	< 64.98	< 294.47
1,2,4-Trichlorobenzene	6,850 U	7,600 U	6,550 U	1547.09 U	210 U	< 24.75	< 90.54	708.18 U	2,720.6 U	2,995 UJ	< 3375.34	< 71.23	< 54.66	32.03 U	13,031.8 UJ	< 47.08	< 213.36
1,2,4-Trimethylbenzene	6,850 U	8,210F	13,400	14,500	1,220	3440	13800	2310 F	8,190	6,800	7330 J	7310 J	12300 J	1,610	40,800	284 J	1080 J
1,2-Dibromoethane (EDB)	6,850 U	7,600 U	6,550 U	989.03 U	210 U	< 29.09	< 106.4	452.73 U	2,720.6 U	2,995 U	< 3966.61	< 83.7	< 64.23	20.48 U	13,031.8 U	< 55.33	< 250.73
1,2-Dichloro,1,1,2,2-tetrafluoroethane	6,850 U	7,600 U	6,550 U	729.17 U	210 U	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1236.11 U	210 U	< 21.8	< 79.74	565.83 U	2,720.6 U	2,995 U	< 2972.61	< 62.73	< 48.14	25.59 U	13,031.8 U	< 41.46	< 187.9
1,2-Dichloroethane	6,850 U	7,600 U	6,550 U	1166.53 U	210 U	< 32.79	< 119.93	533.98 U	2,720.6 U	2,995 U	< 4471.14	< 94.35	< 72.4	24.15 U	13,031.8 U	< 62.37	< 282.63
1,2-Dichloropropane	6,850 U	7,600 U	6,550 U	812.95 U	210 U	< 41.57	< 152.05	372.13 U	2,720.6 U	2,995 U	< 5668.33	< 119.61	< 91.79	16.83 U	13,031.8 U	< 79.06	< 358.3
1,3,5-Trimethylbenzene	6,850 U	7,600 U	6,550 U	6,670F	539	1060	3780	640.58 U	2,340 J	2,100 J	< 2913.98	2510	3360	28.97 U	16,200	182 J	927 J
1,3-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	< 21.8	< 79.74	529.43 U	2,720.6 U	2,995 U	< 2972.61	< 62.73	< 48.14	23.95 U	13,031.8 U	< 41.46	< 187.9
1,4-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1158.72 U	210 U	< 25.29	< 92.51	530.40 U	2,720.6 U	2,995 U	< 3448.64	< 72.77	< 55.84	23.99 U	13,031.8 U	< 48.1	< 217.99
2-Butanone (MEK)	NT	NT	NT	NT	NT	2260	5730	NT	31,300	37,200	192000	7560 J	13100 J	NT	200,000	< 142.45	< 645.56
Acetone	2,180,000	2,060,000	1,920,000	1322.02 U	213 U	18800	34500	605.15 U	123,000 J	132,000 J	1610000	37100	40700	27.37 U	1,290,000 J	2870	< 2188.41
Benzene	931,000	872,000	908,000	678,000	10,200	8170	16100	242,000	106,000	101,000	< 4422.27	45500 J	29400 J	6,300	457,000	30400	231000
Bromomethane	6,850 U	7,600 U	6,550 U	781.71 U	210 U	< 29.28	< 107.11	357.83 U	2,720.6 U	2,995 U	< 3993.08	< 84.26	< 64.66	16.18 U	13,031.8 U	< 55.7	< 252.41
Carbon tetrachloride	6,850 U	7,600 U	6,550 U	1180.02 U	210 U	< 38.55	< 141.02	540.15 U	2,720.6 U	2,995 U	< 5257.05	< 110.94	< 85.13	24.43 U	13,031.8 U	< 73.33	< 332.3
Chlorobenzene	6,850 U	7,600 U	6,550 U	915.90 U	210 U	< 29.47	< 107.8	419.25 U	2,720.6 U	2,995 U	< 4018.73	< 84.8	< 65.08	18.96 U	1,560 J	< 56.05	< 254.03
Chloroethane	6,850 U	7,600 U	6,550 U	1784.23 U	210 U	< 49.03	< 179.36	816.73 U	2,720.6 U	2,995 U	< 6686.35	< 141.1	112 J	36.94 U	13,031.8 U	< 93.26	< 422.65
Chloroform	6,850 U	7,600 U	6,550 U	1074.23 U	210 U	< 35.3	< 129.11	491.73 U	2,720.6 U	2,995 U	< 4813.19	< 101.57	< 77.94	22.24 U	13,031.8 U	< 67.14	< 304.25
Chloromethane	6,850 U	7,600 U	6,550 U	1,363.2 U	210 U	98.5 J	< 171.27	624 U	2,720.6 U	2,995 U	< 6385.01	< 134.74	< 103.39	28.22 U	13,031.8 U	< 89.06	< 403.6
cis-1,2-Dichloroethene	6,850 U	7,600 U	6,550 U	1,165.82 U	210 U	< 37.51	< 137.19	533.65 U	2,720.6 U	2,995 U	< 5114.53	< 107.93	< 82.82	24.14 U	6,650 J	< 71.34	< 323.29
cis-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1020.98 U	210 U	< 24.6	< 89.99	467.35 U	2,720.6 U	2,995 U	< 3354.98	< 70.8	< 54.33	21.14 U	13,031.8 U	< 46.8	< 212.07
Dichlorodifluoromethane	6,850 U	7,600 U	6,550 U	925.13 U	210 U	< 34.97	< 127.91	423.48 U	2,720.6 U	2,995 U	< 4768.4	< 100.62	< 77.22	19.15 U	13,031.8 U	< 66.51	< 301.42
Ethylbenzene	64,900	66,700	82,700	101,000	4,660	6630	15100	30,500	11,600	11,200	< 3225.49	9920	8320	2,340	130,000	1260	7080
Hexachlorobutadiene	6,850 U	7,600 U	6,550 U	1760.80 U	210 U	< 16.19	< 59.2	806.00 U	2,720.6 UJ	2,995 UJ	< 2207.06	< 46.57	< 35.74	36.46 U	13,031.8 UJ	< 30.79	< 139.51
m,p-Xylenes	140,000	150,000	195,000	257,000	12,200	7630	18500	50,600	24,500	23,300	< 7236.08	21500	20100	5,120	358,000	5190	30800
Methyl isobutyl ketone	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	< 80.72	< 295.25	NT	2,720.6 U	2,995 U	20000 J	< 232.27	< 178.24	NT	13,031.8 U	< 153.53	< 695.75
Methylene chloride	102,000 U	43,600 U	8,520 U	4,470 U	846 U	< 146.56	< 536.1	1,820 U	2,720.6 U	2,995 U	66400	< 421.74	< 323.63	113 U	13,031.8 U	< 278.77	< 1263.32
o-xylene	37,100	41,800	56,100	75,600	3,940	3030	7670	13,200	8,330	7,700	< 3829.79	7430	7770	2,030	106,000	1410	6410
Styrene	6,850 U	7,600 U	6,550 U	2,060F	210 U	< 20.55	< 75.15	522.93 U	2,720.6 U	2,995 U	< 2801.59	< 59.12	< 45.37	23.65 U	3,780 J	< 39.08	< 177.09
Tetrachloroethene (PCE)	6,850 U	7,600 U	6,550 U	1006.07 U	210 U	< 30.43	< 111.31	460.53 U	2,720.6 U	2,995 U	< 4149.44	< 87.56	< 67.19	20.83 U	13,031.8 U	< 57.88	< 262.29
Toluene	999,000	1,030,000	1,090,000	846,000	30,100	12800	25600	244,000	86,400	90,600	4480 J	51700	36900	11,800	1,220,000	51900	239000
trans-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1045.12 U	210 U	< 23.65	< 86.52	478.40 U	2,720.6 U	2,995 U	< 3225.49	< 68.07	< 52.23	21.64 U	13,031.8 U	< 44.99	< 203.89
Trichloroethene (TCE)	6,850 U	7,600 U	6,550 U	1112.57 U	210 U	< 37.66	< 137.74	509.28 U	2,720.6 U	2,995 U	< 5134.89	< 108.36	< 83.15	23.03 U	13,031.8 U	< 71.62	< 324.58
Trichlorofluoromethane	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	< 35.63	< 130.31	529.43 U	2,720.6 U	2,995 U	< 4857.99	< 102.51	< 78.67	23.95 U	13,031.8 U	< 67.76	< 307.08
Trichlorotrifluoroethane	---	---	---	---	---	< 33.06	< 120.92	---	---	---	< 4507.79	< 95.12	< 73	---	---	< 62.88	< 284.94
Vinyl chloride	6,850 U	7,600 U	6,550 U	334.13 U	210 U	< 31.65	< 115.78	152.95 U	2,720.6 U	2,995 U	< 4316.4	< 91.09	< 69.9	6.92 U	13,031.8 U	< 60.21	< 272.84
Petroleum Hydrocarbons (mg/L)																	
TPH - Gasoline	260,000	191,000	186,000	95,100	3,140	5140	4170	22,200	4,340 J	15,400J	1180	11000 J	7280 J	4,790	43,500	14600	35800
Fixed Gases (percent)																	
Oxygen	8.30	4.52	4.71	12.50	1.54F	18.3	16	7.15	11.2	12.4	21	16.3	15.6	10.5	9.89	18.6	13.4
Nitrogen	84.40	74.80	73.90	68.80	79.70	73.5	59	70.9	59.7	64	66.3	63.4	61.2	36.1	64.8	67.9	66.7
Carbon Monoxide	0.20 U	0.22 U	0.24 U	0.14 U	0.21 U	< 0.15	< 0.15	0.12 U	1.1 U	1.1 U	< 0.15	< 0.16	< 0.16	0.21 U	1.1 U	< 0.14	< 0.15
Methane	0.22 U	0.25 U	0.27 U	0.16 U	0.23 U	< 0.22	< 0.23	0.13 U	1.1 U	1.1 U	< 0.22	< 0.23	< 0.23	0.23 U	1.1 U	< 0.21	< 0.23
Carbon Dioxide	4.40	4.64	4.58	2.14	13.20	6.48	5.96	4.01	3.02	3.12	< 0.22	5.95	< 0.23	0.19 U	2.38	4.55	5.58

Sample Field ID	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Inlet	SVEW-01-Outlet	SVEW-09	SVEW-09	SVEW-09 DUI	SVEW-09	SVEW-09	SVEW-10	SVEW-10	SVEW-11	SVEW-11	SVEW-12	SVEW-12	SVEW-13
Date Collected	**04/18/03**	**04/21/03**	**05/30/03**	**11/18/03**	**04/18/03**	**11/18/03**	**02/28/07**	**02/28/07**	**06/29/07**	**08/22/07**	**02/27/07**	**08/24/07**	**02/27/07**	**08/23/07**	**02/27/07**	**08/24/07**	**02/27/07**
Sample Depth (ft. bgs)	**245**	**245**	**245**	**245**	**SVEW01**	**435**	**435**	**435**			**400**		**400**		**400**		**400**
VOCs (ppbv)																	
1,1,1-Trichloroethane	6,850 U	7,600 U	6,550 U	1274.45 U	210 U	38.59 U	2,247.6 U	2,013.9 U	< 3.18	< 311.55	570 U	< 91.34	6,085 U	< 4935.8	188.3 U	< 50.28	11,335 U
1,1,2,2-Tetrachloroethane	6,850 U	7,600 U	6,550 U	1614.54 U	210 U	48.89 U	2,247.6 U	2,013.9 U	< 2.32	< 227.42	570 U	< 66.67	6,085 U	< 3602.88	188.3 U	< 36.7	11,335 U
1,1,2-Trichloro-1,2,2-trifluoroethane	6,850 U	7,600 U	6,550 U	799.46 U	210 U	--	--	--	--	--	570 U	--	6,085 U	--	188.3 U	--	11,335 U
1,1,2-Trichloroethane	6,850 U	7,600 U	6,550 U	1160.85 U	210 U	35.15 U	2,247.6 U	2,013.9 U	< 2.57	949 J	570 U	< 74.04	6,085 U	< 4001.25	188.3 U	< 40.76	11,335 U
1,1-Dichloroethane	6,850 U	7,600 U	6,550 U	699.56 U	210 U	21.18 U	2,247.6 U	2,013.9 U	< 3.16	< 309.71	570 U	< 90.8	6,085 U	< 4906.57	188.3 U	< 49.98	11,335 U
1,1-Dichloroethene	6,850 U	7,600 U	6,550 U	1167.95 U	210 U	35.37 U	2,247.6 U	2,013.9 U	< 3.07	< 301.54	570 U	< 88.4	6,085 U	< 4777.12	188.3 U	< 48.67	11,335 U
1,2,4-Trichlorobenzene	6,850 U	7,600 U	6,550 U	1547.09 U	210 U	46.85 U	2,247.6 UJ	2,013.9 UJ	< 2.23	< 218.48	570 U	< 64.05	6,085 U	9600 J	188.3 U	< 35.26	11,335 U
1,2,4-Trimethylbenzene	6,850 U	8,210F	13,400	14,500	1,220	473	1,660 J	2,940	51.6	1050 J	195 J	< 61.21	723 J	954000	126 J	< 33.7	11,335 U
1,2-Dibromoethane (EDB)	6,850 U	7,600 U	6,550 U	989.03 U	210 U	29.95 U	2,247.6 U	2,013.9 U	< 2.62	< 256.75	570 U	< 75.27	6,085 U	< 4067.65	188.3 U	< 41.44	11,335 U
1,2-Dichloro,1,1,2,2-tetrafluoroethane	6,850 U	7,600 U	6,550 U	729.17 U	210 U	--	--	--	--	--	570 U	--	--	--	--	--	11,335 U
1,2-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1236.11 U	210 U	37.43 U	2,247.6 U	2,013.9 U	< 1.96	< 192.41	570 U	< 56.41	6,085 U	< 3048.33	188.3 U	< 31.05	11,335 U
1,2-Dichloroethane	6,850 U	7,600 U	6,550 U	1166.53 U	210 U	35.32 U	2,247.6 U	2,013.9 U	< 2.95	< 289.41	570 U	< 84.85	6,085 U	< 4585.03	188.3 U	< 46.71	11,335 U
1,2-Dichloropropane	6,850 U	7,600 U	6,550 U	812.95 U	210 U	24.62 U	2,247.6 U	2,013.9 U	< 3.74	< 366.9	570 U	< 107.56	6,085 U	< 5812.71	188.3 U	< 59.22	11,335 U
1,3,5-Trimethylbenzene	6,850 U	7,600 U	6,550 U	6,670F	539	42.38 U	1,080 J	1,490 J	15.6 J	843 J	141 J	< 55.3	6,085 U	359000	98.9 J	< 30.44	11,335 U
1,3-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	35.02 U	2,247.6 U	2,013.9 U	< 1.96	< 192.41	570 U	< 56.41	6,085 U	< 3048.33	188.3 U	< 31.05	11,335 U
1,4-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1158.72 U	210 U	35.09 U	2,247.6 U	2,013.9 U	< 2.28	< 223.23	570 U	< 65.44	6,085 U	< 3536.49	188.3 U	< 36.03	11,335 U
2-Butanone (MEK)	NT	NT	NT	NT	NT	NT	2,247.6 U	2,013.9 U	33.1	< 661.06	570 U	< 193.8	6,085 U	< 10472.91	188.3 U	< 106.69	11,335 U
Acetone	2,180,000	2,060,000	1,920,000	1322.02 U	213 U	40.03 U	4,495.2 UJ	4,027.8 UJ	< 246	< 2240.96	1,140 U	< 656.98	12,170 U	942000	376.7 U	< 361.68	22,670 U
Benzene	931,000	872,000	908,000	678,000	10,200	7,870	95,800	93,800	88.7	167000	570 U	< 83.92	80,000	77300	188.3 U	< 46.2	219,000
Bromomethane	6,850 U	7,600 U	6,550 U	781.71 U	210 U	23.67 U	2,247.6 U	2,013.9 U	< 2.63	< 258.47	570 U	< 75.77	6,085 U	< 4094.79	188.3 U	< 41.71	11,335 U
Carbon tetrachloride	6,850 U	7,600 U	6,550 U	1180.02 U	210 U	35.73 U	2,247.6 U	2,013.9 U	< 3.47	< 340.28	570 U	< 99.76	6,085 U	< 5390.96	188.3 U	< 54.92	11,335 U
Chlorobenzene	6,850 U	7,600 U	6,550 U	915.90 U	210 U	27.74 U	427 J	2,013.9 U	< 2.65	< 260.13	570 U	< 76.26	6,085 U	< 4121.1	188.3 U	< 41.98	11,335 U
Chloroethane	6,850 U	7,600 U	6,550 U	1784.23 U	210 U	54.03 U	2,247.6 U	2,013.9 U	< 4.41	< 432.8	570 U	< 126.88	6,085 U	< 6856.66	188.3 U	< 69.85	11,335 U
Chloroform	6,850 U	7,600 U	6,550 U	1074.23 U	210 U	32.53 U	2,247.6 U	2,013.9 U	< 3.18	< 311.55	570 U	< 91.34	6,085 U	< 4935.8	188.3 U	< 50.28	11,335 U
Chloromethane	6,850 U	7,600 U	6,550 U	1,363.2 U	210 U	41.28 U	2,247.6 U	2,013.9 U	< 4.21	< 413.29	570 UJ	< 121.16	6,085 UJ	< 6547.65	188.3 UJ	< 66.7	11,335 UJ
cis-1,2-Dichloroethene	6,850 U	7,600 U	6,550 U	1,165.82 U	210 U	35.30 U	2,247.6 U	2,013.9 U	< 3.37	< 331.06	570 U	< 97.05	6,085 U	< 5244.8	188.3 U	< 53.43	11,335 U
cis-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1020.98 U	210 U	30.92 U	2,247.6 U	2,013.9 U	< 2.21	< 217.16	570 U	< 63.67	6,085 U	< 3440.44	188.3 U	< 35.05	11,335 U
Dichlorodifluoromethane	6,850 U	7,600 U	6,550 U	925.13 U	210 U	28.01 U	2,247.6 U	2,013.9 U	< 3.15	< 308.65	570 U	< 90.49	6,085 U	< 4889.86	188.3 U	< 49.81	11,335 U
Ethylbenzene	64,900	66,700	82,700	101,000	4,660	1,410	6,110	8,040	37.9	6170	1,260	711 J	5,830 J	433000	668	383 J	13,500
Hexachlorobutadiene	6,850 U	7,600 U	6,550 U	1760.80 U	210 U	53.32 U	2,247.6 UJ	2,013.9 UJ	< 1.46	< 142.86	570 U	< 41.88	6,085 U	< 2263.28	188.3 U	< 23.06	11,335 U
m,p-Xylenes	140,000	150,000	195,000	257,000	12,200	2,760	24,400	29,900	98.1	27500	4,480	2370	12,200	1500000	2,370	1500	27,500
Methyl isobutyl ketone	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	NT	2,247.6 U	2,013.9 U	< 7.26	< 712.46	570 U	< 208.87	6,085 U	< 11287.19	188.3 U	< 114.99	11,335 U
Methylene chloride	102,000 U	43,600 U	8,520 U	4,470 U	846 U	131 U	2,247.6 U	2,013.9 U	< 13.19	< 1293.65	570 U	< 379.26	6,085 U	63100	188.3 U	< 208.79	11,335 U
o-xylene	37,100	41,800	56,100	75,600	3,940	753	5,390	7,370	34.1	5540	1,360	711 J	2,970 J	552000	577	340 J	6,690 J
Styrene	6,850 U	7,600 U	6,550 U	2,060F	210 U	34.59 U	2,247.6 U	2,013.9 U	< 1.85	< 181.34	570 U	< 53.16	6,085 U	< 2872.95	188.3 U	< 29.27	11,335 U
Tetrachloroethene (PCE)	6,850 U	7,600 U	6,550 U	1006.07 U	210 U	30.47 U	2,247.6 U	2,013.9 U	< 2.74	< 268.59	570 U	< 78.74	6,085 U	< 4255.14	188.3 U	< 43.35	11,335 U
Toluene	999,000	1,030,000	1,090,000	846,000	30,100	16,500	196,000	194,000	317	220000	55,100	40800	218,000	841000	15,000	10700	425,000
trans-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1045.12 U	210 U	31.65 U	2,247.6 U	2,013.9 U	< 2.13	< 208.78	570 U	< 61.21	6,085 U	< 3307.65	188.3 U	< 33.7	11,335 U
Trichloroethene (TCE)	6,850 U	7,600 U	6,550 U	1112.57 U	210 U	33.69 U	2,247.6 U	2,013.9 U	< 3.39	< 332.37	570 U	< 97.44	6,085 U	< 5265.68	188.3 U	< 53.64	11,335 U
Trichlorofluoromethane	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	35.02 U	2,247.6 U	2,013.9 U	< 3.21	< 314.45	570 U	< 92.19	6,085 U	< 4981.73	188.3 U	< 50.75	11,335 U
Trichlorotrifluoroethane	---	---	---	---	---	---	---	---	< 2.97	< 291.78	--	< 85.54	---	< 4622.61	---	< 47.09	--
Vinyl chloride	6,850 U	7,600 U	6,550 U	334.13 U	210 U	10.12 U	2,247.6 U	2,013.9 U	< 2.85	< 279.39	570 U	< 81.91	6,085 U	< 4426.35	188.3 U	< 45.09	11,335 U
Petroleum Hydrocarbons (mg/L)																	
TPH - Gasoline	260,000	191,000	186,000	95,100	3,140	5,140	97,800 J	65,300 J	< 114	40400	24,500	5400	93,700	21400	19,200	9250	98,400
Fixed Gases (percent)																	
Oxygen	8.30	4.52	4.71	12.50	1.54F	11.4	8.92	8.91	20	12.8	16.3	20	13.4	18	16.8	19.2	15.2
Nitrogen	84.40	74.80	73.90	68.80	79.70	40.3	61.7	62.4	61.9	69.2	56.1	67.6	62.2	73.7	55.7	64.1	67.8
Carbon Monoxide	0.20 U	0.22 U	0.24 U	0.14 U	0.21 U	0.15 U	1.1 U	1.1 U	< 0.14	< 0.16	1.1 U	< 0.15	1.1 U	< 0.15	1.1 U	< 0.15	1.1 U
Methane	0.22 U	0.25 U	0.27 U	0.16 U	0.23 U	0.17 U	1.1 U	1.1 U	< 0.21	< 0.23	1.1 U	< 0.22	1.1 U	< 0.22	1.1 U	< 0.22	1.1 U
Carbon Dioxide	4.40	4.64	4.58	2.14	13.20	0.14 U	2.24	2.26	< 0.21	5.81	1.1 U	< 0.22	0.43 J	< 0.22	1.1 U	< 0.23	0.61 J

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 23 of 24

Sample Field ID	**SVEW-01-Inlet**	**SVEW-01-Inlet**	**SVEW-01-Inlet**	**SVEW-01-Inlet**	**SVEW-01-Outlet**	**SVEW-13**
Date Collected	**04/18/03**	**04/21/03**	**05/30/03**	**11/18/03**	**04/18/03**	**08/27/07**
Sample Depth (ft. bgs)	**245**	**245**	**245**	**245**	**SVEW01**	
VOCs (ppbv)						
1,1,1-Trichloroethane	6,850 U	7,600 U	6,550 U	1274.45 U	210 U	< 1388.02
1,1,2,2-Tetrachloroethane	6,850 U	7,600 U	6,550 U	1614.54 U	210 U	< 1013.19
1,1,2-Trichloro-1,2,2-trifluoroethane	6,850 U	7,600 U	6,550 U	799.46 U	210 U	--
1,1,2-Trichloroethane	6,850 U	7,600 U	6,550 U	1160.85 U	210 U	< 1125.21
1,1-Dichloroethane	6,850 U	7,600 U	6,550 U	699.56 U	210 U	< 1379.8
1,1-Dichloroethene	6,850 U	7,600 U	6,550 U	1167.95 U	210 U	< 1343.4
1,2,4-Trichlorobenzene	6,850 U	7,600 U	6,550 U	1547.09 U	210 U	< 973.38
1,2,4-Trimethylbenzene	6,850 U	8,210F	13,400	14,500	1,220	< 930.16
1,2-Dibromoethane (EDB)	6,850 U	7,600 U	6,550 U	989.03 U	210 U	< 1143.89
1,2-Dichloro,1,1,2,2-tetrafluoroethane	6,850 U	7,600 U	6,550 U	729.17 U	210 U	--
1,2-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1236.11 U	210 U	< 857.24
1,2-Dichloroethane	6,850 U	7,600 U	6,550 U	1166.53 U	210 U	< 1289.38
1,2-Dichloropropane	6,850 U	7,600 U	6,550 U	812.95 U	210 U	< 1634.63
1,3,5-Trimethylbenzene	6,850 U	7,600 U	6,550 U	6,670F	539	< 840.33
1,3-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	< 857.24
1,4-Dichlorobenzene	6,850 U	7,600 U	6,550 U	1158.72 U	210 U	< 994.51
2-Butanone (MEK)	NT	NT	NT	NT	NT	< 2945.14
Acetone	2,180,000	2,060,000	1,920,000	1322.02 U	213 U	< 9983.9
Benzene	931,000	872,000	908,000	678,000	10,200	< 1275.29
Bromomethane	6,850 U	7,600 U	6,550 U	781.71 U	210 U	< 1151.52
Carbon tetrachloride	6,850 U	7,600 U	6,550 U	1180.02 U	210 U	< 1516.02
Chlorobenzene	6,850 U	7,600 U	6,550 U	915.90 U	210 U	< 1158.92
Chloroethane	6,850 U	7,600 U	6,550 U	1784.23 U	210 U	< 1928.2
Chloroform	6,850 U	7,600 U	6,550 U	1074.23 U	210 U	< 1388.02
Chloromethane	6,850 U	7,600 U	6,550 U	1,363.2 U	210 U	< 1841.3
cis-1,2-Dichloroethene	6,850 U	7,600 U	6,550 U	1,165.82 U	210 U	< 1474.92
cis-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1020.98 U	210 U	< 967.51
Dichlorodifluoromethane	6,850 U	7,600 U	6,550 U	925.13 U	210 U	< 1375.11
Ethylbenzene	64,900	66,700	82,700	101,000	4,660	18400
Hexachlorobutadiene	6,850 U	7,600 U	6,550 U	1760.80 U	210 U	< 636.47
m,p-Xylenes	140,000	150,000	195,000	257,000	12,200	40600
Methyl isobutyl ketone	---	---	---	---	---	--
Methyl t-butyl ether (MtBE)	NT	NT	NT	NT	NT	< 3174.13
Methylene chloride	102,000 U	43,600 U	8,520 U	4,470 U	846 U	< 5763.46
o-xylene	37,100	41,800	56,100	75,600	3,940	10800 J
Styrene	6,850 U	7,600 U	6,550 U	2,060F	210 U	< 807.92
Tetrachloroethene (PCE)	6,850 U	7,600 U	6,550 U	1006.07 U	210 U	< 1196.61
Toluene	999,000	1,030,000	1,090,000	846,000	30,100	569000
trans-1,3-Dichloropropene	6,850 U	7,600 U	6,550 U	1045.12 U	210 U	< 930.16
Trichloroethene (TCE)	6,850 U	7,600 U	6,550 U	1112.57 U	210 U	< 1480.79
Trichlorofluoromethane	6,850 U	7,600 U	6,550 U	1156.59 U	210 U	< 1400.94
Trichlorotrifluoroethane	---	---	---	---	---	< 1299.95
Vinyl chloride	6,850 U	7,600 U	6,550 U	334.13 U	210 U	< 1244.76
Petroleum Hydrocarbons (mg/L)						
TPH - Gasoline	260,000	191,000	186,000	95,100	3,140	23200
Fixed Gases (percent)						
Oxygen	8.30	4.52	4.71	12.50	1.54F	13.5
Nitrogen	84.40	74.80	73.90	68.80	79.70	57.1
Carbon Monoxide	0.20 U	0.22 U	0.24 U	0.14 U	0.21 U	< 0.14
Methane	0.22 U	0.25 U	0.27 U	0.16 U	0.23 U	< 0.21
Carbon Dioxide	4.40	4.64	4.58	2.14	13.20	< 0.22

Table A-3. Summary of Soil Vapor Analytical Results, Bulk Fuels Facility (ST-106), Page 24 of 24

Sample Field ID	**1061**	**1061**	**1061**	**1062**	**1062**	**1062**	**1063**	**1063**	**1063**	**1064**	**1064**	**1065**	**1065**	**3411**	**3411**
Date Collected	**03/20/03**	**02/13/07**	**08/28/07**	**03/20/03**	**02/13/07**	**08/28/07**	**03/20/03**	**02/26/07**	**08/28/07**	**02/26/07**	**08/28/07**	**02/26/07**	**08/29/07**	**02/26/07**	**8/28/07**
Sample Depth (ft. bgs)	**483**	**483**	**483**	**479**	**479**	**479**	**476**	**476**	**476**	**484**	**484**	**479**	**479**	**477**	**477**
VOCs (ppbv)															
1,1,1-Trichloroethane	166 U	61.5 U	< 325.87	0.50 U	2.3 U	< 5.14	0.50 U	28.8 U	< 3.76	5.6 U	< 3.7	6,812.5 U	< 128.14	34.8 U	< 20.84
1,1,2,2-Tetrachloroethane	166 U	61.5 U	< 237.87	0.50 U	14.5	< 3.75	0.50 U	40	< 2.74	5.6 U	< 2.7	6,812.5 U	< 93.54	34.8 U	< 15.21
1,1,2-Trichloro-1,2,2-trifluoroethane	166 U	61.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	166 U	61.5 U	< 264.17	0.50 U	2.3 U	< 4.17	0.50 U	32.1	< 3.05	5.6 U	< 3	6,812.5 U	< 103.88	34.8 U	< 16.89
1,1-Dichloroethane	166 U	61.5 U	< 323.94	0.50 U	2.3 U	< 5.11	0.50 U	28.8 U	< 3.74	5.6 U	< 3.68	6,812.5 U	< 127.38	34.8 U	< 20.71
1,1-Dichloroethene	166 U	61.5 U	< 315.39	0.50 U	2.3 U	< 4.97	0.50 U	28.8 U	< 3.64	5.6 U	< 3.58	6,812.5 U	< 124.02	34.8 U	< 20.17
1,2,4-Trichlorobenzene	166 U	61.5 U	< 228.52	0.50 U	2.3 U	< 3.6	0.50 U	12.5 J	< 2.64	5.6 U	< 2.59	6,812.5 U	< 89.86	34.8 U	< 14.61
1,2,4-Trimethylbenzene	173 F	61.5 U	< 218.37	1.73	0.44 J	< 3.44	1.78	384	< 2.52	65.1	< 2.48	6,812.5 U	2280	242	< 13.96
1,2-Dibromoethane (EDB)	166 U	61.5 U	< 268.55	0.50 U	2.3 U	< 4.24	0.50 U	31.1	< 3.1	5.6 U	< 3.05	6,812.5 U	< 105.6	7.48 J	< 17.17
1,2-Dichloro,1,1,2,2-tetrafluoroethane	166 U	61.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	166 U	61.5 U	< 201.25	0.50 U	2.3 U	< 3.17	0.50 U	33.8	< 2.32	5.6 U	< 2.28	6,812.5 U	< 79.14	4.03 J	< 12.87
1,2-Dichloroethane	166 U	61.5 U	< 302.71	0.50 U	2.3 U	< 4.77	0.50 U	28.8 U	< 3.49	5.6 U	< 3.44	6,812.5 U	< 119.03	34.8 U	< 19.36
1,2-Dichloropropane	166 U	61.5 U	< 383.76	0.50 U	2.3 U	< 6.05	0.50 U	28.8 U	< 4.43	5.6 U	< 4.36	6,812.5 U	< 150.91	34.8 U	< 24.54
1,3,5-Trimethylbenzene	166 U	59.2 J	< 197.28	0.82 F	2.3 U	< 3.11	0.86 F	177	< 2.28	23.8	< 2.24	6,812.5 U	< 77.58	106	< 12.62
1,3-Dichlorobenzene	166 U	61.5 U	< 201.25	0.50 U	2.3 U	< 3.17	0.50 U	33.7	< 2.32	5.6 U	< 2.28	6,812.5 U	< 79.14	4.12 J	< 12.87
1,4-Dichlorobenzene	166 U	61.5 U	< 233.48	0.50 U	2.3 U	< 3.68	0.50 U	31.4	< 2.69	5.6 U	< 2.65	6,812.5 U	< 91.81	4.69 J	< 14.93
2-Butanone (MEK)	NT	61.5 U	< 691.43	NT	2.3 U	< 10.9	NT	72.8 J	< 7.98	5.6 UJ	< 7.85	6,812.5 UJ	< 271.89	34.8 U	< 44.21
Acetone	252 U	61.5 U	< 2343.92	0.51 U	26 U	< 36.97	0.51 U	109	62.7 J	11.2 U	< 26.6	13,625 U	< 921.7	34.8 U	915
Benzene	24,400	61.5 U	< 299.4	0.50 U	2.3 U	< 4.72	31.6	190	< 3.45	5.6 U	< 3.4	1,560 J	< 117.73	34.8 U	< 19.15
Bromomethane	166 U	6.59 J	< 270.34	0.50 U	2.3 U	< 4.26	0.50 U	28.8 U	< 3.12	5.6 U	< 3.07	6,812.5 U	< 106.31	34.8 U	< 17.29
Carbon tetrachloride	166 U	61.5 U	< 355.92	0.50 U	0.49 J	< 5.61	0.50 U	28.8 U	< 4.11	5.6 U	< 4.04	6,812.5 U	< 139.96	34.8 U	< 22.76
Chlorobenzene	166 U	61.5 U	< 272.08	0.50 U	2.3 U	< 4.29	1.69	28.8 U	< 3.14	5.6 U	< 3.09	6,812.5 U	< 106.99	34.8 U	< 17.4
Chloroethane	166 U	61.5 U	< 452.68	0.50 U	2.3 U	< 7.14	0.50 U	28.8 U	< 5.22	5.6 U	< 5.14	6,812.5 U	< 178.01	34.8 U	< 28.95
Chloroform	166 U	61.5 U	< 325.87	0.50 U	2.3 U	< 5.14	0.50 U	28.8 U	< 3.76	5.6 U	< 3.7	6,812.5 U	< 128.14	34.8 U	< 20.84
Chloromethane	166 U	61.5 U	< 432.28	0.50 U	2.3 U	< 6.82	0.50 U	28.8 UJ	< 4.99	5.6 UJ	< 4.91	6,812.5 UJ	< 169.99	34.8 UJ	< 27.64
cis-1,2-Dichloroethene	166 U	61.5 U	< 346.27	0.50 U	2.3 U	< 5.46	0.50 U	28.8 U	< 4	5.6 U	< 3.93	6,812.5 U	< 136.16	34.8 U	< 22.14
cis-1,3-Dichloropropene	166 U	61.5 U	< 227.14	0.50 U	2.3 U	< 3.58	0.50 U	28.8 U	< 2.62	5.6 U	< 2.58	6,812.5 U	< 89.32	34.8 U	< 14.52
Dichlorodifluoromethane	166 U	61.5 U	< 322.83	0.50 U	1.1 J	< 5.09	0.53 F	28.8 U	< 3.72	5.6 U	< 3.66	6,812.5 U	< 126.95	34.8 U	< 20.64
Ethylbenzene	556	258	772 J	4.59	0.57 J	< 3.44	6.73	464	3.18 J	64.8	< 2.48	6,812.5 U	8470	486	< 13.96
Hexachlorobutadiene	166 U	61.5 U	< 149.42	0.50 U	2.3 U	< 2.36	0.50 U	16.9 J	< 1.72	5.6 U	< 1.7	6,812.5 U	< 58.76	34.8 U	< 9.55
m,p-Xylenes	1,800	912	2450 J	7.87	1.62 J	18.7 J	10.5	1,390	14.3 J	200	9.07 J	13,625 U	20500	1,460	< 31.33
Methyl isobutyl ketone	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl t-butyl ether (MtBE)	NT	61.5 U	< 745.19	NT	2.3 U	< 11.75	NT	28.8 UJ	< 8.6	5.6 UJ	< 8.46	6,812.5 UJ	< 293.03	34.8 U	< 47.65
Methylene chloride	170 U	61.5 U	< 1353.09	3.84 U	5.76 U	< 21.34	33	109	< 15.61	5.6 U	< 15.36	6,812.5 U	< 532.08	34.8 U	< 86.52
o-xylene	736	197	965 J	3.37	0.71 J	7.39 J	4.59	515	5.73 J	79	< 2.94	6,812.5 U	5890	520	< 16.58
Styrene	166 U	61.5 U	< 189.67	0.50 U	2.3 U	< 2.99	0.65 F	28.8 U	< 2.19	5.6 U	< 2.15	6,812.5 U	< 74.59	34.8 U	< 12.13
Tetrachloroethene (PCE)	166 U	61.5 U	< 280.93	0.50 U	2.3 U	< 4.43	0.50 U	37.8	< 3.24	5.6 U	< 3.19	6,812.5 U	< 110.47	34.8 U	< 17.96
Toluene	21,700	4,890	26800	13.8	4.56	86.1	33.3	2,060	55.4	261	18.5 J	2,720 J	77000	2,430	81.1 J
trans-1,3-Dichloropropene	166 U	61.5 U	< 218.37	0.50 U	2.3 U	< 3.44	0.50 U	28.8 U	< 2.52	5.6 U	< 2.48	6,812.5 U	< 85.87	34.8 U	< 13.96
Trichloroethene (TCE)	166 U	61.5 U	< 347.65	3.48	3.21	< 5.48	3.71	26.2 J	< 4.01	5.6 U	< 3.95	6,812.5 U	< 136.71	34.8 U	< 22.23
Trichlorofluoromethane	166 U	61.5 U	< 328.9	0.50 U	0.34 J	< 5.19	0.50 U	28.8 U	< 3.79	5.6 U	< 3.73	6,812.5 U	< 129.33	34.8 U	< 21.03
Trichlorotrifluoroethane	---	---	< 305.19	---	---	< 4.81	---	---	< 3.52	---	< 3.46	---	< 120.01	---	< 19.52
Vinyl chloride	166 U	61.5 U	< 292.23	0.50 U	2.3 U	< 4.61	0.50 U	28.8 U	< 3.37	5.6 U	< 3.32	6,812.5 U	< 114.91	34.8 U	< 18.69
TPH - Gasoline	45,400	10,300	1980	28.9F	323	5.901 J	23.6F	93.9	< 3.042	845	10.6 J	102,000	6470	4,630	< 2.845
Fixed Gases (percent)															
Oxygen	17.0	8.77	18.1	19.0	13	20.2	18.4	21.6	22	16	20.3	14.8	20.8	20.1	19
Nitrogen	62.6	69	68.2	62.1	68.9	64	62.4	68.5	68.5	79.3	63.3	64.9	69.5	76.7	58.7
Carbon Monoxide	0.061 U	1.2 U	< 0.16	0.061 U	1.1 U	< 0.15	0.061 U	1.2 U	< 0.15	1.1 U	< 0.16	1.1 U	< 0.15	1 U	< 0.14
Methane	0.068 U	1.2 U	< 0.23	0.068 U	1.1 U	< 0.23	0.068 U	1.2 U	< 0.23	1.1 U	< 0.24	1.1 U	< 0.22	1 U	< 0.21
Carbon Dioxide	0.35F	9.31	5.49	0.057 U	5.42	< 0.23	0.057 U	1.2 U	< 0.23	1.4	< 0.24	0.8 J	< 0.23	1.74	< 0.22

U - The analyte was not detected. The associated numercial value is at, or below, the MDL.
F - The analyte was positively identified; the associated numerical value is below the RL but above the MDL.
J - The analyte was positively identified; the quantitation is an estimation.
NT - Not tested for the listed analyte.
Shading indicates the analyte was detected.
* Sample depth row for SVE system samples lists active extraction wells, not sample depth.

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 1 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-1061																Well KAFB-1062												
				01/26/06	01/26/06	04/18/06	04/18/06	07/20/06	07/20/06	10/19/06	10/19/06	01/22/07	01/22/07	04/17/07	07/26/07	10/09/07	01/29/08	04/21/08	07/08/08	01/27/06	04/17/06	07/20/06	10/19/06	01/24/07	04/16/07	07/25/07	10/09/07	01/29/08	01/29/08	04/23/08	07/08/08	01/27/06
				Q106	DUPQ106	Q206	DUPQ206	Q306	DUPQ306	Q406	DUPQ406	Q107	DUPQ107	Q207	Q307	Q407	Q108	Q208	Q308	Q106	Q206	Q306	Q406	Q107	Q207	Q307	Q407	Q108	DUPQ108	Q208	Q308	Q106
TPH (mg/L) Method 8015B	DRO	NA	NA	0.45 J	0.2 UJ	0.20 U	0.20 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.2 U	0.20 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.2 U
	MRO	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	GRO	NA	NA	0.14	0.15	0.024 J	0.26 J	0.074 J	0.31 J	0.3	0.31	0.18	0.18	0.2	0.28	0.14	0.075	0.18	0.14	0.054	0.07	0.16 J	0.15	0.20	0.13	0.17	0.14	0.16 J	0.16	0.16	0.22	0.05 U
VOCs (ug/L) Method 8260 (except EDB by method 504.1 and DBCP by method 504.1 beginning 2006)	1,1,1,2-Tetrachloroethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,1,1-Trichloroethane	NA	60 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,1,2,2-Tetrachloroethane	NA	10 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,1,2-Trichloroethane	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,1-Dichloroethane	NA	25 *	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	2.0 U
	1,1-Dichloroethene	NA	5.0 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,1-Dichloropropene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,2,3-Trichlorobenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,2,3-Trichloropropane	NA	NA	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	2.0 U
	1,2,4-Trichlorobenzene	NA	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,2,4-Trimethylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	0.92 J	1.1	1 U	1 U	1.0 U
	1,2-Dibromo-3-chloropropane	NA	0.2	0.010 U	0.010 U	0.006 U	0.006 U	0.20 U	0.20 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1.5 UJ	5 U	5 U	5 U	5 U	0.01 U	0.003 U	0.02 U	0.02 U	0.02 U	0.02 U	1.5 UJ	5 U	5 U	5 U	5 U	5 U	0.01 U
	1,2-Dibromoethane (EDB)[d]	NA	0.05	0.018	0.017	**1.2**	**1.2**	**1.3**	**1.4**	**0.91**	**1.1**	**0.33**	**0.4**	**0.1**	**3**	**0.4**	**0.29 J**	**2.6**	**2.5**	0.01 U	0.001 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	**0.1 J**	**0.098 J**	0.02 U	0.02 U	0.01 U
	1,2-Dichlorobenzene	NA	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	10 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,2-Dichloroethane (EDC)	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,2-Dichloropropane	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,3,5-Trimethylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	0.4 J	0.42 J	1 U	1 U	1.0 U
	1,3-Dichlorobenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,3-Dichloropropane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1,4-Dichlorobenzene	NA	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	1-Methylnaphthalene	NA	30* [g]	4.0 U	4.0 U	4.0 U	4.0 U	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	--	--	1 U	4.0 U	4.0 U	--	--	--	1.0 U	1.0 U	--	--	--	--	1 U	4.0 U
	2,2-Dichloropropane	NA	NA	2.0 U	2.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	2.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	2.0 U
	2-Butanone (MEK)	NA	NA	10 UJ	10 UJ	10 U	10 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	6.0 UJ	6.0 UJ	6.0 U	6.0 U	6 UJ	6 U	6 UJ	6 U	10 U	10 U	5.0 U	5.0 UJ	6.0 UJ	6.0 U	6.0 U	6 UJ	6 U	6 U	6 UJ	6 U	10 U
	2-Chlorotoluene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	2-Hexanone	NA	NA	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	10 U
	2-Methylnaphthalene	NA	30* [g]	4.0 U	4.0 U	4.0 U	4.0 U	--	--	--	--	--	--	10 U	--	--	--	--	--	4.0 U	4.0 U	--	--	--	10 U	--	--	--	--	--	--	4.0 U
	4-Chlorotoluene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	4-Isopropyltoluene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1 U	1 U	1 U	1 U	1 U	1.0 U
	4-Methyl-2-pentanone	NA	NA	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	10 U
	Acetone	NA	NA	10 U	10 U	5 J	5 J	26 U	26 U	10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 U	2.4 J	10 U	3.4 J	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ	10 U	10 U	2.8 J	2 J	2.2 J	10 U	10 U	10 U
	Benzene	NA	5.0	1.1	1.0	0.5 J	0.5 J	**9.0**	**8.1**	2.8	3.1	0.36 J	0.32 J	0.63 J	**6.2**	2.2	1 U	**8.3**	**3.2**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Bromobenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Bromochloromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Bromodichloromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Bromoform	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Bromomethane	NA	NA	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2.0 U
	Carbon disulfide	NA	NA	10 U	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	10 U
	Carbon tetrachloride	NA	5.0	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	2.0 U
	Chlorobenzene	NA	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Chloroethane	NA	NA	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2.0 U
	Chloroform	NA	100 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	0.17 J	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Chloromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	0.31 J	2 U	2 U	2 U	1.0 U
	cis-1,2-Dichloroethene	NA	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	cis-1,3-Dichloropropene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Dibromochloromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Dibromomethane	NA	NA	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	2.0 U
	Dichlorodifluoromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	1.0 UJ	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	1.0 U
	Ethylbenzene	NA	700	1.0 U	1.0 U	1.0 U	1.0 U	0.49 J	0.49 J	0.27 J	0.34 J	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	0.47 J	0.41 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	0.99 J	1	1 U	1 U	1.0 U
	Hexachlorobutadiene	NA	NA	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	2.0 U
	Isopropylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	0.73 J	0.68 J	0.74 J	0.82 J	0.52 J	0.49 J	0.23 J	1.0 U	0.34 J	1 U	0.28 J	0.63 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Methyl tert-butyl ether (MTBE)	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	1.0 U
	Methylene chloride	NA	5.0	3.0 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	3.0 U	3.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	3.0 U
	Naphthalene	NA	30* [g]	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1.4 U	1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	0.81 J	1	1 U	1 U	2.0 U
	n-Butylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	n-Propylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	0.24 J	0.24 J	1 U	1 U	1.0 U

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 2 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-1061																Well KAFB-1062													
				01/26/06	01/26/06	04/18/06	04/18/06	07/20/06	07/20/06	10/19/06	10/19/06	01/22/07	01/22/07	04/17/07	07/26/07	10/09/07	01/29/08	04/21/08	07/08/08	01/27/06	04/17/06	07/20/06	10/19/06	01/24/07	04/16/07	07/25/07	10/09/07	01/29/08	01/29/08	04/23/08	07/08/08	01/27/06
				Q106	DUPQ106	Q206	DUPQ206	Q306	DUPQ306	Q406	DUPQ406	Q107	DUPQ107	Q207	Q307	Q407	Q108	Q208	Q308	Q106	Q206	Q306	Q406	Q107	Q207	Q307	Q407	Q108	DUPQ108	Q208	Q308	Q106
VOCs (ug/L) Method 8260	sec-Butylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.18 J	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	0.22 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Styrene	NA	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	tert-Butylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Tetrachloroethene	NA	5.0	0.55 J	0.54 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Toluene	NA	750 *	1.0 U	1.0 U	1.0 U	1.0 U	9.4	8.3	3.3	3.6	0.20 J	0.18 J	0.95 J	9.2	4.1	0.2 J	12	3.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	2.6	2.6	1 U	1 U	1.0 U
	trans-1,2-DCE	NA	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	trans-1,3-Dichloropropene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Trichloroethene	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Trichlorofluoromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	1.0 U
	Vinyl chloride	NA	1.0 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U
	Xylenes, m-, p- (sum of isomers)	NA	NA	---	---	---	---	1.4 J	1.3 J	0.69 J	0.70 J	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	1.4 J	1.3 J	---	3.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	3	3.2	2 U	2 U	--
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	--	--	--	--	0.70 J	0.70 J	0.36 J	0.39 J	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	0.65 J	0.67 J	---	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.7	1.9	1 U	1 U	--
	Xylenes, Total	NA	620 *	1.0 U	1.0 U	3.0 U	3.0 U	2.1	2.0	1.1 J	1.1 J	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2.1	2 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	4.8	5.1	2 U	2 U	1.0 U
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	--	--	1.0 U	1.0 U	--	--	--	--	10 U	10 U	10 U	10 U	---	1.0 U	1.0 U	--	--	--	--	--	10 U
	1,2-Dichlorobenzene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	--	10 UJ	10 U	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	10 UJ	10 U	10 U	10 U	10 U	10 U
	1,3-Dichlorobenzene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	--	--	10 U	--	--	--	--	--	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--	--	10 U
	1,4-Dichlorobenzene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	--	--	1.0 U	--	--	--	--	--	10 U	10 U	10 U	10 U	---	1.0 U	--	--	--	--	--	--	10 U
	1,2-Diphenylhydrazine	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	--	--	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	---	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
	1,3-Dinitrobenzene	NA	NA	--	--	--	--	--	--	--	--	--	--	--	10 U	10 UJ	10 U	10 U	10 U	---	---	---	---	---	--	10 U	10 UJ	10 U	10 U	10 U	10 U	--
	1-Methylnaphthalene	NA	30* [g]	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	1.4 U	--	---	---	---	---	---	--	1 U	--	--	--	--	--	--
	2,4,5-Trichlorophenol	NA	NA	10 U	10 U	10 U	10 U	20 U	20 U	20 UJ	20 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	10 U
	2,4,6-Trichlorophenol	NA	NA	15 U	15 U	15 U	15 U	20 U	20 U	20 UJ	20 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	15 U	15 U	10 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	15 U
	2,4-Dichlorophenol	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	20 U	20 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
	2,4-Dimethylphenol	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
	2,4-Dinitrophenol	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	60 U	60 U	60 U	60 U	60 UJ	60 UJ	60 U	60 U	50 U	50 U	50 U	50 U	60 U	60 U	60 U	60 UJ	60 UJ	60 UJ	60 U	60 U	50 U
	2,4-Dinitrotoluene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	10 U
	2,6-Dinitrotoluene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	10 U
	2-Chloronaphthalene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
	2-Chlorophenol	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
	2-Methylnaphthalene	NA	30* [g]	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.0 U	10 UJ	10 U	1.4 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.0 U	10 UJ	10 U	10 U	10 U	10 U	10 U
	2-Methylphenol	NA	NA	15 U	15 U	15 U	15 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	15 U	15 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	15 U
	2-Nitroaniline	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U
	2-Nitrophenol	NA	NA	15 U	15 U	15 U	15 U	20 U	20 U	20 UJ	20 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	15 U	15 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	15 U
	3,3´-Dichlorobenzidine	NA	NA	15 U	15 U	15 U	15 U	20 UJ	20 UJ	20 UJ	20 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	15 U	15 U	20 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	15 U
	3,4-Methylphenol	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	10 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U
	3-Nitroaniline	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U
	4,6-Dinitro-2-methylphenol	NA	NA	50 UJ	50 UJ	50 U	50 U	50 U	50 U	50 UJ	50 UJ	60 U	60 U	60 U	60 U	60 UJ	60 U	60 U	60 U	50 UJ	50 U	50 U	50 U	60 U	60 U	60 U	60 UJ	60 U	60 U	60 U	60 U	50 UJ
	4-Bromophenyl phenyl ether	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
	4-Chloro-3-methylphenol	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U
	4-Chloroaniline	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U
	4-Chlorophenyl phenyl ether	NA	NA	15 U	15 U	15 U	15 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	15 U	15 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	15 U
	4-Nitroaniline	NA	NA	20 U	20 U	20 U	20 U	50 U	50 U	50 UJ	50 UJ	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U	20 UJ	20 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	20 U
	4-Nitrophenol	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U	10 U	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U
	Benzidine	NA	NA	--	--	--	--	150 UJ	150 UJ	150 UJ	150 U	150 UJ	150 UJ	150 U	150 U	150 UJ	150 U	150 U	150 U	--	--	150 UJ	150 UJ	150 UJ	150 U	150 U	150 UJ	150 U	150 U	150 U	150 U	---
	Benzoic acid	NA	NA	50 UJ	50 UJ	50 U	50 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 UJ	60 U	60 U	60 UJ	50 UJ	50 U	60 U	60 U	60 U	60 U	60 U	60 UJ	60 U	60 U	60 U	60 UJ	50 U
	Bis(2-chloroethoxy)methane	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
	Bis(2-chloroethyl)ether	NA	NA	15 U	15 U	15 U	15 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	15 U	15 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	15 U
	Bis(2-ethylhexyl)phthalate	NA	NA	15 U	15 U	15 U	15 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	2.7 J	0.56 UJ	10 UJ	10 U	10 U	10 U	15 U	15 U	10 U	10 U	2.6 J	10 U	0.56 UJ	10 UJ	10 U	10 U	10 U	10 U	15 U
	Butyl benzyl phthalate	NA	NA	15 U	15 U	15 U	15 U	10 U	10 U	10 UJ	10 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	15 U	15 U	10 U	10 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	15 U
	Dibenzofuran	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
	Diethyl phthalate	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	10 U
	Dimethyl phthalate	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	10 U
	Di-n-butyl phthalate	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	10 U

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 3 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-1061																Well KAFB-1062												
				01/26/06	01/26/06	04/18/06	04/18/06	07/20/06	07/20/06	10/19/06	10/19/06	01/22/07	01/22/07	04/17/07	07/26/07	10/09/07	01/29/08	04/21/08	07/08/08	01/27/06	04/17/06	07/20/06	10/19/06	01/24/07	04/16/07	07/25/07	10/09/07	01/29/08	01/29/08	04/23/08	07/08/08	01/27/06
				Q106	DUPQ106	Q206	DUPQ206	Q306	DUPQ306	Q406	DUPQ406	Q107	DUPQ107	Q207	Q307	Q407	Q108	Q208	Q308	Q106	Q206	Q306	Q406	Q107	Q207	Q307	Q407	Q108	DUPQ108	Q208	Q308	Q106
SVOCs (ug/L) Method 8270	Di-n-octyl phthalate	NA	NA	15 U	15 U	15 U	15 U	10 U	10 U	10 UJ	10 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	15 U	15 U	10 U	10 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	15 U
	Hexachlorobenzene	NA	1.0	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	0.66 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.66 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U
	Hexachlorocyclopentadiene	NA	50	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U	10UJ	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 UJ	10 U
	Hexachloroethane	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
	Hexachlorobutadiene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--	10 U	10 U
	Isophorone	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	---	---	--	--	--	--	--	--	10 U	10 U	10 U	10 U	---	--	--	--	--	--	--	--	10 U
	Naphthalene	NA	30* [g]	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	10 UJ	10 U	--	10 U	10 U	10 U	10 U	10 U	20 U	10 U	--	10 UJ	10 U	10 U	10 U	10 U	10 U
	N-Nitrosodimethylamine	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	---	---	--	--	--	--	--	--	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--	--	--	10 U
	Nitrobenzene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	10 U
	N-Nitrosodi-n-propylamine	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	10 U
	N-Nitrosodiphenylamine	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
	Pentachlorophenol	NA	1.0	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	60 U	60 U	60 U	20 UJ	60 UJ	60 U	60 U	60 U	50 U	50 U	50 U	50 U	60 U	60 U	20 UJ	60 UJ	60 U	60 U	60 U	60 U	50 U
	Phenol	NA	5.0 *	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	2.5 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	--	1 U	1 U	--	1 U	--	--	--	--	--	--	--	1 U	0.44 J	0.39 J	--	1 U	--
	2-Methylnaphthalene	NA	30* [g]	2.5 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1 U	1 U	--	1 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1 U	0.35 J	0.31 J	--	1 U	2.5 U
	Acenaphthene	NA	NA	2.5 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1.4 U	1 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	2.5 U
	Acenaphthylene	NA	NA	2.5 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1.4 U	1 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	2.5 U
	Anthracene	NA	NA	0.6 U	0.6 U	0.02 U	0.02 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.41 U	0.3 U	0.6 U	0.02 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U
	Benz(a)anthracene	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.27 U	0.2 U	0.02 U	0.02 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.02 U
	Benzo(a)pyrene	NA	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.27 U	0.2 U	0.02 U	0.02 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.02 U
	Benzo(b)fluoranthene	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.27 U	0.2 U	0.05 U	0.05 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 U
	Benzo(g,h,i)perylene	NA	NA	0.03 U	0.03 U	0.03 U	0.03 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.27 U	0.2 U	0.03 U	0.03 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 U
	Benzo(k)fluoranthene	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.14 U	0.1 U	0.02 U	0.0. U	0.10 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.02 U
	Chrysene	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.27 U	0.2 U	0.2 U	0.2 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Dibenz(a,h)anthracene	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.41 U	0.3 U	0.04 UJ	0.04 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.04 UJ
	Fluoranthene	NA	NA	0.3 UJ	0.3 UJ	0.3 U	0.3 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.54 U	0.4 U	0.3 UJ	0.3 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.3 UJ
	Fluorene	NA	NA	0.8 U	0.8 U	0.04 U	0.04 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.41 U	0.3 U	0.8 U	0.04 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.8 U
	Indeno(1,2,3-cd)pyrene	NA	NA	0.08 U	0.08 U	0.08 U	0.08 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.27 U	0.2 U	0.08 U	0.08 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U
	Naphthalene	NA	30* [g]	2.5 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	0.07 J	--	1 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	0.69 J	0.62 J	--	1 U	2.5 U
	Phenanthrene	NA	NA	0.6 U	0.6 U	0.02 U	0.02 U	0.30 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.41 U	0.3 U	0.6 U	0.02 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U
	Pyrene	NA	NA	0.3 U	0.3 U	0.3 U	0.3 U	0.20 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.27 U	0.2 U	0.3 UJ	0.3 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	0.02 U	0.02 U	0.02 U	0.02 U	0.039 U	0.046 U	0.038 J	0.05 J	0.025 J	0.024 J	0.033 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.02 U	0.02 U	0.022 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.04 J	0.057 J	0.1 U	0.1 U	0.02 U
	Manganese (dissolved)	NA	0.05 (s)	**0.074 J**	**0.076 J**	**0.069**	**0.069**	**0.19**	**0.2**	**0.13**	**0.14**	**0.12**	**0.13**	**0.1**	**0.078**	0.042	0.041	0.15	0.031	0.015	0.011	0.028	0.02	0.012	0.026	0.029	0.011	0.016	0.019	0.015	0.058	0.02 U
Anions (mg/L) Method 300.0	Fluoride	NA	1.6 *	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloride	NA	250 (s)	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromide	NA	NA	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Orthophosphate (as P)	NA	NA	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrite (as N)	NO_3/NO_2 4.0	1.0	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrate (as N)		10.0	0.1 U	0.1 U	0.12	0.07 J	0.50 U	0.50 U	0.049 J	0.049 J	0.078 J	0.076 J	0.5 U	0.5 U	0.092 J	0.12 J	0.057 J	0.042 J	0.44	0.4	0.33 J	0.31 J	0.29 J	0.27 J	0.5 U	0.27 J	0.33 J	0.33 J	0.23 J	0.11 J	3.8
	Sulfate	NA	250 (s)	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Field Parameters [f]	Temperature (degrees C)			16.89	16.89	18.15	18.15	21.5	21.5	19.0	19.0	19.0	19.0	19.2	20.1	20.2	19.08	19.7		18.04	20.16	20.7	18.8	18.3	18.7	18.3	19.07	18.32	18.32	19.1		18.23
	pH (standard pH units)			7.99	7.99	7.88	7.88	7.78	7.78	8.21	8.21	6.9	6.9	7.74	7.38	7.63	7.17	7.30		8.13	8.02	7.95	8.59	7.63	7.52	7.54	7.65	7.49	7.49	7.7		8.18
	Conductivity (mS/cm)			0.365	0.365	0.237	0.237	NR	NR	0.420	0.420	0.426	0.426	0.384	0.644	0.487	0.353	40		0.342	0.237	NR	0.344	0.362	0.399	0.359	0.479	0.347	0.347	41		0.802
	Dissolved Oxygen (mg/L)			9.63	9.63	9.75	9.75	5.4	5.4	3.93	3.93	1.47	1.47	NR	1.59	2.80	1.71	1.80		8.0	5.04	5.79	4.7	3.47	NR	2.62	9.62	3.65	3.65	7.1		11.54
	Turbidity (NTU)			32.2	32.2	0	0	2	2	NR	NR	0.43	0.43	24.40	0.60	0.90	1.10	0.95		0.0	0	1	NR	0.25	31	0.4	0.44	3.53	3.53	2.99		16.8
	Redox Potential (ORP in mV)			64	64	105	105	4	4	-26	-26	-33	-33	NR	NR	-7	-27	-165		100	123	141	92	61	NR	NR	98	99	99	98		97

a. EPA analytical methods listed are for the most recent sampling event.

b. NMED HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water. Concentrations exceeding background are shown in *italics*, if applicable.

c. EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Mexico Water Quality Control Commission (WQCC) Regulations as denoted by "*". Concentrations exceeding standards shown in **BOLD**.

d. Samples analyzed for EDB using Methods 8260 and 504.1. Table includes only Method 504.1 results because this method has a lower quantitation limit.

f. Field Parameters collected throughout well purge, reported parameter values were taken at time of sample collection.

g. The WQCC regulation for PAHs of 30 mg/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

Shading indicates the analyte was detected.

H - Orthophosphate samples from October 2004 analyzed out of hold time.

NA - not applicable --- not analyzed

NR - not recorded possible instrument calibration error

J - estimated value, concentration is less than PQL but greater than Laboratory Method Detection Limit.

U - The analyte was not detected. The associated numerical value is at or below the MDL.

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 4 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-1063											Well KAFB-1064												Well KAFB-1065	Well KAFB-1067	
				04/18/06	07/20/06	10/19/06	01/23/07	04/17/07	07/25/07	07/25/07	10/10/07	01/29/08	04/21/08	07/07/08	01/10/06	04/18/06	07/21/06	10/20/06	01/23/07	04/18/07	04/18/07	07/26/07	10/10/07	01/30/08	04/22/08	07/08/08	02/08/07	04/23/08	07/08/08
				Q206	Q306	Q406	Q107	Q207	Q307	DUPQ307	Q407	Q108	Q208	Q308	Q106	Q206	Q306	Q406	Q107	Q207	DUPQ207	Q307	Q407	Q108	Q208	Q308	Q107	Q208	Q308
TPH (mg/L) Method 8015B	DRO	NA	NA	0.20 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U		0.53	0.20 U	0.25 U	0.017 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U		27	0.25 U	
	MRO	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--		
	GRO	NA	NA	0.01 U	0.0089 U	0.0068 J	0.014 J	0.012 J	0.25 U	0.25 U	0.025 U	0.0054 U	0.0062 U		0.025 J	0.024 J	0.071	0.25 U	0.019 J	0.047	0.043	0.25 U	0.12	0.09	0.084		25	0.27 J	0.34
VOCs (ug/L) Method 8260 (except EDB by method 504.1 and DBCP by method 504.1 beginning 2006)	1,1,1,2-Tetrachloroethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,1,1-Trichloroethane	NA	60 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,1,2,2-Tetrachloroethane	NA	10 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,1,2-Trichloroethane	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	2	1 U	2.0 U	1 U	1 U
	1,1-Dichloroethane	NA	25 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,1-Dichloroethene	NA	5.0 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,1-Dichloropropene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,2,3-Trichlorobenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,2,3-Trichloropropane	NA	NA	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,2,4-Trichlorobenzene	NA	70	1.0 U	0.41 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,2,4-Trimethylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	270	1 U	1 U
	1,2-Dibromo-3-chloropropane	NA	0.2	0.01 U	0.02 U	0.02 U	0.02 U	0.02 U	1.5 UJ	1.5 UJ	5 U	5 U	5 U	5 U	2.0 U	0.01 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1.5 UJ	5 U	5 U	5 U	5 U	0.02 UJ	5 U	5 U
	1,2-Dibromoethane (EDB)[g]	NA	0.05	0.01 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.01 U	0.01 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	**210**	0.02 U	0.02 U
	1,2-Dichlorobenzene	NA	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,2-Dichloroethane (EDC)	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,2-Dichloropropane	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,3,5-Trimethylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	83 J	1 U	0.97 J
	1,3-Dichlorobenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,3-Dichloropropane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1,4-Dichlorobenzene	NA	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	1-Methylnaphthalene	NA	30* [g]	4.0 U	--	--	--	--	1.0 U	1.0 U	--	--	--	1 U	4.0 U	4.0 U	---	---	---	--	--	1.0 U	--	--	--	1 U	---	--	1 U
	2,2-Dichloropropane	NA	NA	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	2.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
	2-Butanone (MEK)	NA	NA	10 U	5.0 U	5.0 UJ	6.0 UJ	6.0 U	6.0 U	6.0 U	6 UJ	6 U	6 UJ	6 U	10 U	10 U	5.0 UJ	5.0 UJ	6.0 UJ	6 U	6 U	6 U	6 UJ	6 U	6 UJ	6 U	10 UJ	6 UJ	6 U
	2-Chlorotoluene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	2-Hexanone	NA	NA	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
	2-Methylnaphthalene	NA	30* [g]	4.0 U	--	--	--	10 U	--	--	--	--	--	--	4.0 U	4.0 U	---	---	---	10 U	10 U	--	--	--	--	--	---	--	--
	4-Chlorotoluene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	4-Isopropyltoluene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	--	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1 U	1 U	1 U	1 U	8.6	1 U	1 U
	4-Methyl-2-pentanone	NA	NA	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
	Acetone	NA	NA	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	4.7 J	10 U	10 U	4.4 J	3.4 J	10 U	10 U	1400 J	10 UJ	10 U
	Benzene	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	**2300**	1 U	1 U
	Bromobenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Bromochloromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Bromodichloromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Bromoform	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Bromomethane	NA	NA	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	4.0 U	2 U	2 U
	Carbon disulfide	NA	NA	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	4.0 U	2 U	2 U
	Carbon tetrachloride	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Chlorobenzene	NA	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Chloroethane	NA	NA	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	4.0 U	2 U	2 U
	Chloroform	NA	100 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Chloromethane	NA	NA	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	4.0 U	2 U	2 U
	cis-1,2-Dichloroethene	NA	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	cis-1,3-Dichloropropene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Dibromochloromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Dibromomethane	NA	NA	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Dichlorodifluoromethane	NA	NA	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	1.0 U	1.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	4.0 U	2 U	2 U
	Ethylbenzene	NA	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	440	1 U	1 U
	Hexachlorobutadiene	NA	NA	1.0 U	0.17 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Isopropylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	51	1 U	0.39 J
	Methyl tert-butyl ether (MTBE)	NA	NA	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
	Methylene chloride	NA	5.0	3.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	3.0 U	3.0 U	5.0 U	5.0 U	0.40 J	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
	Naphthalene	NA	30* [g]	2.0 U	1.8	0.36 J	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1.4 U	1 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	**62**	5 U	5 U
	n-Butylbenzene	NA	NA	1.0 U	0.23 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	9.6	1 U	1 U
	n-Propylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	77	1 U	1 U

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 5 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-1063											Well KAFB-1064												Well KAFB-1065	Well KAFB-1067	
				04/18/06	07/20/06	10/19/06	01/23/07	04/17/07	07/25/07	07/25/07	10/10/07	01/29/08	04/21/08	07/07/08	01/10/06	04/18/06	07/21/06	10/20/06	01/23/07	04/18/07	04/18/07	07/26/07	10/10/07	01/30/08	04/22/08	07/08/08	02/08/07	04/23/08	07/08/08
				Q206	Q306	Q406	Q107	Q207	Q307	DUPQ307	Q407	Q108	Q208	Q308	Q106	Q206	Q306	Q406	Q107	Q207	DUPQ207	Q307	Q407	Q108	Q208	Q308	Q107	Q208	Q308
VOCs (ug/L) Method 8260	sec-Butylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	16	1 U	0.27 J
	Styrene	NA	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	tert-Butylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Tetrachloroethene	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Toluene	NA	750 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	9.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	**3100**	43 J	1 U
	trans-1,2-DCE	NA	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	trans-1,3-Dichloropropene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Trichloroethene	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Trichlorofluoromethane	NA	NA	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	1.0 U	1.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	4.0 U	2 U	2 U
	Vinyl chloride	NA	1.0 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.0 U	1 U	1 U
	Xylenes, m-, p- (sum of isomers)	NA	NA	--	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	---	--	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	1100	2 U	2 U
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	---	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	460	1 U	1 U
	Xylenes, Total	NA	620 *	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	**1600**	2 U	2 U
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	10 U	10 U	10 U	--	1.0 U	1.0 U	1.0 U	--	--	--	--	10 U	10 U	10 U	10 U	--	1.0 U	1.0 U	1.0 U	--	--	--	--	200 U	--	--
	1,2-Dichlorobenzene	NA	NA	10 U	10 U	10 U	10 U	10 U	--	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U	10 U	10 U	200 U	--	10 U
	1,3-Dichlorobenzene	NA	NA	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--	200 U	--	--
	1,4-Dichlorobenzene	NA	NA	10 U	10 U	10 U	--	1.0 U	--	--	--	--	--	--	10 U	10 U	10 U	10 U	--	1.0 U	1.0 U	--	--	--	--	--	200 U	--	--
	1,2-Diphenylhydrazine	NA	NA	10 U	10 U	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	---	10 U	10 U	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	1,3-Dinitrobenzene	NA	NA	--	--	--	--	--	10 U	10 U	10 U	10 U	10 U	10 U	---	--	--	--	--	--	--	10 U	10 U	10 U	10 U	10 U	---	10 U	10 U
	1-Methylnaphthalene	NA	30* [g]	--	--	--	--	--	1 U	1 U	--	--	--	--	---	--	--	--	--	--	--	1 U	--	--	--	--	---	1 U	--
	2,4,5-Trichlorophenol	NA	NA	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	50 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	400 U	20 U	20 U
	2,4,6-Trichlorophenol	NA	NA	15 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	15 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	400 U	20 U	20 U
	2,4-Dichlorophenol	NA	NA	10 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	2,4-Dimethylphenol	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	2,4-Dinitrophenol	NA	NA	50 U	50 U	50 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	50 U	50 U	50 U	50 UJ	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	1000 U	60 U	60 U
	2,4-Dinitrotoluene	NA	NA	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U
	2,6-Dinitrotoluene	NA	NA	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U
	2-Chloronaphthalene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	2-Chlorophenol	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	2-Methylnaphthalene	NA	30* [g]	10 U	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	**42 J**	1 U	10 U
	2-Methylphenol	NA	NA	15 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	15 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	2-Nitroaniline	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U
	2-Nitrophenol	NA	NA	15 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	15 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	400 U	20 U	20 U
	3,3´-Dichlorobenzidine	NA	NA	15 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	2.0 U	15 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	400 U	20 U	20 U
	3,4-Methylphenol	NA	NA	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	---	10 U	20 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	400 U	20 U	20 U
	3-Nitroaniline	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U
	4,6-Dinitro-2-methylphenol	NA	NA	50 U	50 U	50 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	50 U	50 U	50 U	50 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	1000 U	60 U	60 U
	4-Bromophenyl phenyl ether	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	4-Chloro-3-methylphenol	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	400 U	20 U	20 U
	4-Chloroaniline	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	400 U	20 U	20 U
	4-Chlorophenyl phenyl ether	NA	NA	15 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	15 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	4-Nitroaniline	NA	NA	20 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	20 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U
	4-Nitrophenol	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U	1000 U	50 U	50 U
	Benzidine	NA	NA	---	150 UJ	150 UJ	150 UJ	150 U	150 U	150 U	150 U	150 U	150 U	150 U	---	---	150 UJ	150 UJ	150 UJ	150 U	150 U	150 U	150 U	150 U	150 U	150 U	3000 UJ	150 U	150 U
	Benzoic acid	NA	NA	50 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 UJ	100 U	50 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 UJ	1500	60 U	60 U
	Bis(2-chloroethoxy)methane	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	Bis(2-chloroethyl)ether	NA	NA	15 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	15 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	Bis(2-ethylhexyl)phthalate	NA	NA	15 U	10 U	10 U	10 U	10	0.56 UJ	0.56 UJ	2 J	10 U	10 U	10 U	10 U	15 U	1.9 J	10 U	10 U	12	14	0.56 UJ	2.1 J	10 U	10 U	10 U	200 U	0.76 J	10 U
	Butyl benzyl phthalate	NA	NA	15 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	15 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U
	Dibenzofuran	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	Diethyl phthalate	NA	NA	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U
	Dimethyl phthalate	NA	NA	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U
	Di-n-butyl phthalate	NA	NA	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 6 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-1063											Well KAFB-1064												Well KAFB-1065	Well KAFB-1067	
				04/18/06	07/20/06	10/19/06	01/23/07	04/17/07	07/25/07	07/25/07	10/10/07	01/29/08	04/21/08	07/07/08	01/10/06	04/18/06	07/21/06	10/20/06	01/23/07	04/18/07	04/18/07	07/26/07	10/10/07	01/30/08	04/22/08	07/08/08	02/08/07	04/23/08	07/08/08
				Q206	Q306	Q406	Q107	Q207	Q307	DUPQ307	Q407	Q108	Q208	Q308	Q106	Q206	Q306	Q406	Q107	Q207	DUPQ207	Q307	Q407	Q108	Q208	Q308	Q107	Q208	Q308
SVOCs (ug/L) Method 8270	Di-n-octyl phthalate	NA	NA	15 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	15 U	5.6 J	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U
	Hexachlorobenzene	NA	1.0	10 U	10 U	10 U	10 U	10 U	0.66 UJ	0.66 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.66 UJ	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	Hexachlorocyclopentadiene	NA	50	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	200 U	10 U	10 UJ
	Hexachloroethane	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	Hexachlorobutadiene	NA	NA	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	10 U	200 U	--	10 U
	Isophorone	NA	NA	10 U	10 U	10 U	---	--	--	--	--	--	--	--	10 U	10 U	10 U	10 U	--	--	--	--	--	--	--	--	200 U	--	--
	Naphthalene	NA	30* [g]	10 U	10 U	10 U	10 U	10 U	--	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U [g]	10 U	10 U	--	10 U	10 U	10 U	10 U	**59 J**	--	10 U
	N-Nitrosodimethylamine	NA	NA	10 U	10 U	10 U	10 U	--	--	--	--	--	--	--	--	10 U	10 U	10 U	10 U	--	--	--	--	--	--	--	200 U		--
	Nitrobenzene	NA	NA	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U
	N-Nitrosodi-n-propylamine	NA	NA	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U
	N-Nitrosodiphenylamine	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U
	Pentachlorophenol	NA	1.0	50 U	50 U	50 U	60 U	60 U	20 UJ	20 UJ	60 U	60 U	60 U	60 U	50 U	50 U	50 U	50 U	60 U	60 U	60 U	21 UJ	60 U	60 U	60 U	60 U	1000 U	60 U	60 U
	Phenol	NA	5.0 *	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	3.5 J	10 U
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	--	--	--	--	--	--	--	1 U	1 UJ	--	1 U	--	--	--	--	--	--	--	--	1 U	1 U	--	1 U	**49**	--	1 U
	2-Methylnaphthalene	NA	30* [g]	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	--	--	1 U	1 UJ	--	1 U	3.2	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1 U	1 U	--	1 U	**52**	--	1 U
	Acenaphthene	NA	NA	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 UJ	1.4 U	1 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	5.0 U	1 U	1 U
	Acenaphthylene	NA	NA	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 UJ	1.4 U	1 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	5.0 U	1 U	1 U
	Anthracene	NA	NA	0.02 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 UJ	0.41 U	0.3 U	0.6 U	0.02 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	1.5 U	0.3 U	0.3 U
	Benz(a)anthracene	NA	NA	0.02 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.27 U	0.2 U	0.02 U	0.02 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	0.2 U	0.2 U
	Benzo(a)pyrene	NA	0.2	0.02 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.27 U	0.2 U	0.02 U	0.02 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	0.2 U	0.2 U
	Benzo(b)fluoranthene	NA	NA	0.05 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.27 U	0.2 U	0.05 U	0.05 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	0.2 U	0.2 U
	Benzo(g,h,i)perylene	NA	NA	0.03 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.27 U	0.2 U	0.03 U	0.03 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	0.2 U	0.2 U
	Benzo(k)fluoranthene	NA	NA	0.0. U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.14 U	0.1 U	0.02 U	0.0. U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.1 U	0.1 U
	Chrysene	NA	NA	0.2 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.27 U	0.2 U	0.2 U	0.2 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	0.2 U	0.2 U
	Dibenz(a,h)anthracene	NA	NA	0.04 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 UJ	0.41 U	0.3 U	0.04 U	0.04 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	1.5 U	0.92	0.3 U
	Fluoranthene	NA	NA	0.3 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.55 U	0.4 U	0.3 U	0.3 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	2.0 U	0.4 U	0.4 U
	Fluorene	NA	NA	0.04 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 UJ	0.41 U	0.3 U	0.32 J	0.04 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	**0.16 J**	0.3 U	0.3 U	0.26 J	1.5 U	0.3 U	0.3 U
	Indeno(1,2,3-cd)pyrene	NA	NA	0.08 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.27 U	0.2 U	0.08 U	0.08 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	0.2 U	0.2 U
	Naphthalene	NA	30* [g]	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 UJ	--	1 U	4.0	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	--	1 U	**74**	--	1 U
	Phenanthrene	NA	NA	0.02 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 UJ	0.41 U	0.3 U	0.27 J	0.02 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	1.5 U	0.3 U	0.3 U
	Pyrene	NA	NA	0.3 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.27 U	0.2 U	0.3 U	0.3 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	0.2 U	0.2 U
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	0.0157 U	0.030 U	0.1 U	0.1 U	0.14	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	**0.83**	0.02 U	0.022 U	0.1 U	0.03 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	Manganese (dissolved)	NA	0.05 (s)	0.0011 J	0.0018 U	0.01 U	0.01 U	0.0029 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00029 J	**0.12**	0.047	0.02	0.01	0.01	0.0069 J	0.0069 J	0.01 U	0.0053 J	0.003 J	0.0036 J	0.0019 J	0.021	0.022	0.013
Anions (mg/L) Method 300.0	Fluoride	NA	1.6 *	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloride	NA	250 (s)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromide	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Orthophosphate (as P)	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrite (as N)	NO_3/NO_2 4.0	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrate (as N)		10.0	3.6	3.5	3.6	3.6	3.8	3.6	3.6	3.9	3.7 J	3.5	3.3	0.27	0.36	0.27 J	0.37 J	0.44 J	0.46 J	0.46 J	0.5 U	0.43 J	0.42 J	0.43 J	0.65	0.12 J	0.38 J	0.27 J
	Sulfate	NA	250 (s)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Field Parameters [f]	Temperature (degrees C)			19.27	21.7	18.6	18.2	18.6	19.2	19.2	19.04	18.78	18.9		18.32	18.61	20.4	18.8	18.3	18.8	18.8	19.5	19.64	17.90	19.1		---	24.6	
	pH (standard pH units)			8.14	7.71	8.58	7.4	7.96	7.45	7.45	7.5	7.67	7.7		7.06	8.1	7.79	8.71	7.15	7.97	7.97	7.71	7.48	7.27	7.5		---	7.6	
	Conductivity (mS/cm)			0.563	NR	0.797	0.841	0.898	0.827	0.827	0.982	0.832	88		0.325	0.245	NR	0.343	0.365	0.398	0.398	0.327	0.444	0.389	40		---	41	
	Dissolved Oxygen (mg/L)			10.18	10.55	10.29	7.88	NR	9.16	9.16	9.66	11.68	8.9		10.25	8.68	7.05	4.42	3.91	NR	NR	6.33	3.72	3.11	2.4		---	5.9	
	Turbidity (NTU)			0	2	0.19	2	8.37	0.7	0.7	0.48	2.19	0.36		2.98	0	9	0.36	0.73	25.9	25.9	1.3	2.2	0.97	0.71		1.53	2.21	
	Redox Potential (ORP in mV)			98	151	61	54	NR	NR	NR	48	97	55		-67	35	-29	-32	-23	NR	NR	NR	-54	-42	13		---	150	

a. EPA analytical methods listed are for the most recent sampling event.

b. NMED HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water. Concentrations exceeding background are shown in *italics*, if applicable.

c. EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Mexico Water Quality Control Commission (WQCC) Regulations as denoted by "*". Concentrations exceeding standards shown in **BOLD**.

d. Samples analyzed for EDB using Methods 8260 and 504.1. Table includes only Method 504.1 results because this method has a lower quantitation limit.

f. Field Parameters collected throughout well purge, reported parameter values were taken at time of sample collection.

g. The WQCC regulation for PAHs of 30 mg/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

Shading indicates the analyte was detected.

H - Orthophosphate samples from October 2004 analyzed out of hold time.

NA - not applicable --- not analyzed

NR - not recorded possible instrument calibration error

J - estimated value, concentration is less than PQL but greater than Laboratory Method Detection Limit.

U - The analyte was not detected. The associated numerical value is at or below the MDL.

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 7 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-3411											VA Hospital Production Well										KAFB-03			KAFB-15			
				01/26/06	04/18/06	07/20/06	10/19/06	01/24/07	04/17/07	07/26/07	10/10/07	01/29/08	04/22/08	07/08/08	03/31/06	01/23/07	04/17/07	07/17/07	10/10/07	01/30/08	04/23/08	07/09/08	07/09/08	08/26/08	04/22/08	07/07/08	08/26/08	02/15/07	10/22/07	01/30/08	04/22/08
				Q106	Q206	Q306	Q406	Q107	Q207	Q307	Q407	Q108	Q208	Q308	Q106	Q107	Q207	Q307	Q407	Q108	Q208	Q308	DUPQ308	Q308	Q208	Q308	Q308	Q107	Q407	Q108	Q208
TPH (mg/L) Method 8015B	DRO	NA	NA	0.17 J	0.20 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U		1.0 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U				0.25 U			0.25 U	0.25 U	0.25 U	0.25 U
	MRO	NA	NA	--	--	--	--	--	--	--	--	--	--		--	--	--	--	--	--	--				--			---	--	--	--
	GRO	NA	NA	0.87 J	1.1	0.51	0.63	0.39	0.6	0.47	0.43	0.49 J	0.53	0.39	0.05 U	0.025 U	0.025 U	25 U	0.025 U	0.0098 U	0.0059 U				0.0025 U			0.025 UJ	0.025 U	0.025 U	0.0025 U
VOCs (ug/L) Method 8260 (except EDB by method 504.1 and DBCP by method 504.1 beginning 2006)	1,1,1,2-Tetrachloroethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,1,1-Trichloroethane	NA	60 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,1,2,2-Tetrachloroethane	NA	10 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,1,2-Trichloroethane	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,1-Dichloroethane	NA	25 *	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	2.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,1-Dichloroethene	NA	5.0 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,1-Dichloropropene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,2,3-Trichlorobenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,2,3-Trichloropropane	NA	NA	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	2.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,2,4-Trichlorobenzene	NA	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,2,4-Trimethylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,2-Dibromo-3-chloropropane	NA	0.2	0.01 U	0.01 U	0.02 U	0.02 U	0.02 U	0.02 U	1.5 UJ	10 U	5 U	5 U	5 U	0.01 UJ	0.02 U	0.02 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.02 UJ	5 U	5 U	5 U
	1,2-Dibromoethane (EDB)[d]	NA	0.05	0.01 U	0.01 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0069 J	0.0039 J	0.0081 J	0.02 U	0.01 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
	1,2-Dichlorobenzene	NA	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,2-Dichloroethane (EDC)	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,3,5-Trimethylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,3-Dichlorobenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,3-Dichloropropane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	1-Methylnaphthalene	NA	30* [g]	4.0 U	4.0 U	---	---	---	--	1.0 U	--	--	--	1 U	4.0 U	--	--	--	--	--	--	1 U	1 U	1 U	--	1 U	1 U	--	--	--	--
	2,2-Dichloropropane	NA	NA	2.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5 U	5 U	5 U	2.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 UJ	5 U	5 U
	2-Butanone (MEK)	NA	NA	10 UJ	10 U	5.0 U	5.0 UJ	6.0 UJ	6 U	6 U	12 UJ	6 U	6 UJ	6 U	10 U	6.0 UJ	6 U	6 UJ	6 UJ	6 U	6 UJ	6 U	6 U	6 U	6 UJ	6 U	6 U	6.0 UJ	6 UJ	6 U	6 UJ
	2-Chlorotoluene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	2-Hexanone	NA	NA	10 U	10 U	5.0 U	5.0 U	5.0 U	5 U	5 U	10 U	5 U	5 U	5 U	10 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U
	2-Methylnaphthalene	NA	30* [g]	4.0 U	4.0 U	---	---	---	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	4-Isopropyltoluene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	2 U	1 U	1 U	1 U	1.0 U	1.0 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	4-Methyl-2-pentanone	NA	NA	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5 U	5 U	5 U	10 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U
	Acetone	NA	NA	10 U	10 U	10 UJ	10 UJ	10 UJ	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U
	Benzene	NA	5.0	1.0 U	0.7 J	0.19 J	0.19 J	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	0.32 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Bromobenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Bromochloromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Bromodichloromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Bromoform	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	0.19 J	1 U	1 U
	Bromomethane	NA	NA	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	4 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U	2 U	2 U
	Carbon disulfide	NA	NA	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4 U	2 U	2 U	2 U	10 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U	2 U	2 U
	Carbon tetrachloride	NA	5.0	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	2.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Chlorobenzene	NA	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Chloroethane	NA	NA	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U	2 U	2 U
	Chloroform	NA	100 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Chloromethane	NA	NA	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4 U	2 U	2 U	2 U	1.0 U	2.0 U	2.0 U	2 U	2 U	0.32 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U	2 U	2 U
	cis-1,2-Dichloroethene	NA	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	cis-1,3-Dichloropropene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Dibromochloromethane	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Dibromomethane	NA	NA	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	2.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Dichlorodifluoromethane	NA	NA	1.0 U	1.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	4 U	2 U	2 U	2 U	1.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U	2 U	2 U
	Ethylbenzene	NA	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	NA	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	2.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Isopropylbenzene	NA	NA	2.7	2.7	1.2	1.5	1.2	1.1	1.6	1 J	1.1	1.3	1	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Methyl tert-butyl ether (MTBE)	NA	NA	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5 U	5 U	5 U	1.5 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 UJ	5 U	5 U
	Methylene chloride	NA	5.0	3.0 U	3.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5 U	5 U	5 U	3.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U
	Naphthalene	NA	30* [g]	2.0 U	2.0 U	0.42 J	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	5 U	2.0 U	1.0 U	1.0 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	n-Butylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	n-Propylbenzene	NA	NA	1.0 U	1.0 U	0.22 J	0.22 J	0.20 J	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 8 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-3411											VA Hospital Production Well													KAFB-15			
				01/26/06	04/18/06	07/20/06	10/19/06	01/24/07	04/17/07	07/26/07	10/10/07	01/29/08	04/22/08	07/08/08	03/31/06	01/23/07	04/17/07	07/17/07	10/10/07	01/30/08	04/23/08	07/09/08	07/09/08	08/26/08	04/22/08	07/07/08	08/26/08	02/15/07	10/22/07	01/30/08	04/22/08
				Q106	Q206	Q306	Q406	Q107	Q207	Q307	Q407	Q108	Q208	Q308	Q106	Q107	Q207	Q307	Q407	Q108	Q208	Q308	DUPQ308	Q308	Q208	Q308	Q308	Q107	Q407	Q108	Q208
VOCs (ug/L) Method 8260	sec-Butylbenzene	NA	NA	1.0 U	1.0 U	0.23 J	0.28 J	1.0 U	1.0 U	1.0 U	2 U	0.24 J	1 U	0.35 J	2.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Styrene	NA	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.5 U	1.0 U	1.0 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	tert-Butylbenzene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Tetrachloroethene	NA	5.0	0.55 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Toluene	NA	750 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	trans-1,2-DCE	NA	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	trans-1,3-Dichloropropene	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Trichloroethene	NA	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Trichlorofluoromethane	NA	NA	1.0 U	1.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	4 U	2 U	2 U	2 U	1.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U	2 U	2 U
	Vinyl chloride	NA	1.0 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Xylenes, m-, p- (sum of isomers)	NA	NA	---	---	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4 U	2 U	2 U	2 U	--	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U	2 U	2 U
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	---	---	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	1 U	1 U	1 U	--	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Xylenes, Total	NA	620 *	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4 U	2 U	2 U	2 U	3.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U	2 U	2 U
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	10 U	10 U	0	10 U	---	1.0 U	1.0 U	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U	--	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	--	10 U	10 U	10 U	--	10 U	10 U	10 U	10 U	10 U	--
	1,3-Dichlorobenzene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--
	1,4-Dichlorobenzene	NA	NA	10 U	10 U	10 U	10 U	---	1.0 U	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,2-Diphenylhydrazine	NA	NA	10 U	10 U	10 U	---	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1,3-Dinitrobenzene	NA	NA	---	---	---	---	---	--	10 U	10 U	10 U	10 U	10 U	--	--	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U	10 U
	1-Methylnaphthalene	NA	30* [g]	---	---	---	---	---	--	1 U	--	--	1 U	--	--	--	---	--	--	--	1 U	--	--	--	1 U	--	--	--	--	--	1 U
	2,4,5-Trichlorophenol	NA	NA	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	- -	20 U	20 U
	2,4,6-Trichlorophenol	NA	NA	15 U	15 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	15 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	- -	20 U	20 U
	2,4-Dichlorophenol	NA	NA	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	- -	10 U	10 U
	2,4-Dimethylphenol	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	- -	10 U	10 U
	2,4-Dinitrophenol	NA	NA	50 U	50 U	50 U	50 UJ	60 U	60 U	60 U	60 U	60 UJ	60 U	60 U	50 U	50 U	60 U	60 U	60 UJ	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	- -	60 U	60 U
	2,4-Dinitrotoluene	NA	NA	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	2,6-Dinitrotoluene	NA	NA	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	2-Chloronaphthalene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2-Chlorophenol	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	- -	10 U	10 U
	2-Methylnaphthalene	NA	30* [g]	10 U	10 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2-Methylphenol	NA	NA	15 U	15 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	10 U	15 U	10 U	10 U	10 U	10 UJ	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	- -	10 U	1 U
	2-Nitroaniline	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	10 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 U	10 U	50 U	50 U	50 U	10 U	50 U	50 U	50 U	50 U	50 U	10 U
	2-Nitrophenol	NA	NA	15 U	15 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	50 U	20 U	15 U	20 U	20 U	20 U	20 UJ	20 U	50 U	20 U	20 U	20 U	50 U	20 U	20 U	20 U	- -	20 U	50 U
	3,3´-Dichlorobenzidine	NA	NA	15 U	15 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	15 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	3,4-Methylphenol	NA	NA	20 U	10 U	20 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	- -	20 U	20 U
	3-Nitroaniline	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	20 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 U	20 U	50 U	50 U	50 U	20 U	50 U	50 U	50 U	50 U	50 U	20 U
	4,6-Dinitro-2-methylphenol	NA	NA	50 UJ	50 U	50 U	50 U	60 U	60 U	60 U	60 U	60 U	50 U	60 U	50 U	50 U	60 U	60 U	60 UJ	60 U	50 U	60 U	60 U	60 U	50 U	60 U	60 U	60 U	- -	60 U	50 U
	4-Bromophenyl phenyl ether	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	60 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	60 U	10 U	10 U	10 U	60 U	10 U	10 U	10 U	10 U	10 U	60 U
	4-Chloro-3-methylphenol	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	10 U	20 U	20 U	20 U	10 U	20 U	20 U	20 U	- -	20 U	10 U
	4-Chloroaniline	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	4-Chlorophenyl phenyl ether	NA	NA	15 U	15 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	15 U	10 U	10 U	10 U	10 UJ	10 U	20 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	20 U
	4-Nitroaniline	NA	NA	20 U	20 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	10 U	50 U	20 U	50 U	50 U	50 U	50 UJ	50 U	10 U	50 U	50 U	50 U	10 U	50 U	50 U	50 U	50 U	50 U	10 U
	4-Nitrophenol	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	- -	50 UJ	50 U
	Benzidine	NA	NA	---	---	150 UJ	150 UJ	150 UJ	150 U	150 U	150 U	150 U	50 U	150 U	---	150 UJ	150 U	150 U	150 UJ	150 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	150 UJ	150 U	150 U	150 U
	Benzoic acid	NA	NA	50 UJ	50 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	150 U	60 UJ	50 U	60 U	60 U	60 U	60 UJ	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 UJ	60 UJ	60 U	- -	60 U	60 U
	Bis(2-chloroethoxy)methane	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	60 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Bis(2-chloroethyl)ether	NA	NA	15 U	15 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	15 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Bis(2-ethylhexyl)phthalate	NA	NA	15 U	15 U	10 U	10 U	10 U	3.9 J	0.56 UJ	10 U	10 U	10 U	10 U	15 U	2.5 J	10 U	10 U	10 UJ	10 U	10 U	10 U	2.2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Butyl benzyl phthalate	NA	NA	15 U	15 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	15 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	Dibenzofuran	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Diethyl phthalate	NA	NA	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	Dimethyl phthalate	NA	NA	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	Di-n-butyl phthalate	NA	NA	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	10 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 9 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-3411											VA Hospital Production Well													KAFB-15			
				01/26/06	04/18/06	07/20/06	10/19/06	01/24/07	04/17/07	07/26/07	10/10/07	01/29/08	04/22/08	07/08/08	03/31/06	01/23/07	04/17/07	07/17/07	10/10/07	01/30/08	04/23/08	07/09/08	07/09/08	08/26/08	04/22/08	07/07/08	08/26/08	02/15/07	10/22/07	01/30/08	04/22/08
				Q106	Q206	Q306	Q406	Q107	Q207	Q307	Q407	Q108	Q208	Q308	Q106	Q107	Q207	Q307	Q407	Q108	Q208	Q308	DUPQ308	Q308	Q208	Q308	Q308	Q107	Q407	Q108	Q208
SVOCs (ug/L) Method 8270	Di-n-octyl phthalate	NA	NA	15 U	15 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	15 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	Hexachlorobenzene	NA	1.0	10 U	10 U	10 U	10 U	10 U	10 U	0.66 UJ	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Hexachlorocyclopentadiene	NA	50	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U
	Hexachloroethane	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Hexachlorobutadiene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	10 U	10 U	10 U	10 U	10 U	--	--	--	10 U	10 U	10 U	--	10 U	10 U	10 U	--	--	--
	Isophorone	NA	NA	10 U	10 U	10 U	10 U	--	--	--	--	--	--	--	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--
	Naphthalene	NA	30* [g]	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U [g]	--	10 U	10 U	10 U	--	10 U	10 U	10 U	10 U	10 U	--
	N-Nitrosodimethylamine	NA	NA	10 U	10 U	10 U	10 U	20 U	--	--	--	--	--	--	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--
	Nitrobenzene	NA	NA	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	N-Nitrosodi-n-propylamine	NA	NA	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	10 U	20 U	10 U	10 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	N-Nitrosodiphenylamine	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Pentachlorophenol	NA	1.0	50 U	50 U	50 U	50 U	60 U	60 U	20 UJ	60 U	60 U	60 U	60 U	50 U	50 U	60 U	60 U	60 UJ	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	- -	60 U	60 U
	Phenol	NA	5.0 *	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	- -	10 U	10 U
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	--	1 U	2.5 U	1.0 U	1.0 U	1 U	1 U	1 U [g]	--	1 U	1 U	1 U	--	1 U	1 U	1.0 U	1 U	1 U	--
	2-Methylnaphthalene	NA	30* [g]	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1 U	1 U	--	1 U	2.5 U	1.0 U	1.0 U	1 U	1 U	1 U [g]	--	1 U	1 U	1 U	--	1 U	1 U	1.0 U	1 U	1 U	--
	Acenaphthene	NA	NA	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.5 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Acenaphthylene	NA	NA	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	2.5 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
	Anthracene	NA	NA	0.6 U	0.02 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.02 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	Benz(a)anthracene	NA	NA	0.02 U	0.02 U	0.20 U	0.2 U	0.2 U	0.12 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.02 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Benzo(a)pyrene	NA	0.2	0.02 U	0.02 U	0.20 U	0.2 U	0.2 U	0.13 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.02 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Benzo(b)fluoranthene	NA	NA	0.05 U	0.05 U	0.20 U	0.2 U	0.2 U	0.14 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Benzo(g,h,i)perylene	NA	NA	0.03 U	0.03 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Benzo(k)fluoranthene	NA	NA	0.02 U	0.0. U	0.10 U	0.1 U	0.1 U	0.057 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	Chrysene	NA	NA	0.2 U	0.2 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Dibenz(a,h)anthracene	NA	NA	0.04 U	0.04 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.04 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	Fluoranthene	NA	NA	0.3 UJ	0.3 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.3 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
	Fluorene	NA	NA	0.8 U	0.04 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.04 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	Indeno(1,2,3-cd)pyrene	NA	NA	0.08 U	0.08 U	0.20 U	0.2 U	0.2 U	0.21	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Naphthalene	NA	30* [g]	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1 U	1 U	--	1 U	2.5 U	1.0 U	1.0 U	1 U	1 U	1 U [g]	--	1 U	1 U	1 U	--	1 U	1 U	1.0 U	1 U	1 U	--
	Phenanthrene	NA	NA	0.6 U	0.02 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.02 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	Pyrene	NA	NA	0.3 U	0.3 U	0.20 U	0.2 U	0.2 U	0.36	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	0.089	0.093	0.11 J	0.11	0.085 J	0.082 J	0.1 U	0.058 J	0.062 J	0.055 J	0.037 J	0.045	0.1 U	100 U	100 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.028 J	0.1 U	0.1 U
	Manganese (dissolved)	NA	0.05 (s)	**0.54 J**	**0.51**	**0.5**	**0.51**	**0.45**	**0.38**	**0.32 J**	**0.29**	**0.32**	**0.26**	**0.23**	0.0026	0.01 U	3.3 J	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00047 J	0.01 U	0.01 U	0.01 U	0.022	0.024	0.018	0.022
Anions (mg/L) Method 300.0	Fluoride	NA	1.6 *	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chloride	NA	250 (s)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bromide	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Orthophosphate (as P)	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrite (as N)	NO_3/NO_2 4.0	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nitrate (as N)		10.0	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.055 J	0.5 U	0.5 U	0.5 U	0.23	0.17 J	0.5 J	0.5 U	0.27 J	0.19 J	0.12 J	0.23 J	0.24 J	0.23 J	0.59	0.55	0.56	0.5 U	0.089 J	0.11 J	0.5 U
	Sulfate	NA	250 (s)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Field Parameters [f]	Temperature (degrees C)			17.88	18.92	22.1	19	18.5	19	19.6	19.91	18.76	19.5		---	19.8	20.2	21.4	19.53	20.02	NR				NR			23.2	NR	NR	NR
	pH (standard pH units)			8.11	8.06	7.96	8.46	7.33	7.71	7.44	7.36	7.4	7.5		---	7.38	6.91	6.14	6.21	6.21	NR				NR			6.92	NR	NR	NR
	Conductivity (mS/cm)			0.487	0.358	NR	0.458	0.489	0.517	0.516	0.549	0.482	51		---	0.375	0.393	0.354	0.382	0.357	NR				NR			0.433	NR	NR	NR
	Dissolved Oxygen (mg/L)			3.18	5.94	3.57	0.44	0.69	NR	1.12	2.34	0.92	1.4		---	4.46	NR	NR	9.26	4.27	NR				NR			0	NR	NR	NR
	Turbidity (NTU)			17.2	0	1	0.3	0.26	43.2	0.9	0.44	0.88	0.42		---	0.3	8.79	0.8	0.3	6.14	NR				NR			0.36	NR	NR	NR
	Redox Potential (ORP in mV)			-127	-62	-94	-96	-76	NR	NR	-108	-81	-64		---	51	NR	NR	155	NR	NR				NR			164	NR	NR	NR

a. EPA analytical methods listed are for the most recent sampling event.

b. NMED HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water. Concentrations exceeding background are shown in *italics*, if applicable.

c. EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Mexico Water Quality Control Commission (WQCC) Regulations as denoted by "*". Concentrations exceeding standards shown in **BOLD**.

d. Samples analyzed for EDB using Methods 8260 and 504.1. Table includes only Method 504.1 results because this method has a lower quantitation limit.

f. Field Parameters collected throughout well purge, reported parameter values were taken at time of sample collection.

g. The WQCC regulation for PAHs of 30 mg/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

Shading indicates the analyte was detected.

H - Orthophosphate samples from October 2004 analyzed out of hold time.

NA - not applicable --- not analyzed

NR - not recorded possible instrument calibration error

J - estimated value, concentration is less than PQL but greater than Laboratory Method Detection Limit.

U - The analyte was not detected. The associated numerical value is at or below the MDL.

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 10 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]			KAFB-16					
				07/07/08	08/26/08	02/15/07	10/22/07	01/30/08	04/22/08	07/07/08	08/26/08
				Q308	Q308	Q107	Q407	Q108	Q208	Q308	Q308
TPH (mg/L) Method 8015B	DRO	NA	NA			0.25 U	0.25 U	0.25 U	0.25 U		
	MRO	NA	NA			---	--	--	--		
	GRO	NA	NA	0.0058 J		0.025 UJ	0.025 U	0.025 U	0.0055 J		
VOCs (ug/L) Method 8260 (except EDB by method 504.1 and DBCP by method 504.1 beginning 2006)	1,1,1,2-Tetrachloroethane	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,1,1-Trichloroethane	NA	60 *	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,1,2,2-Tetrachloroethane	NA	10 *	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,1,2-Trichloroethane	NA	5.0	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethane	NA	25 *	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethene	NA	5.0 *	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloropropene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,2,3-Trichlorobenzene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,2,3-Trichloropropane	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,2,4-Trichlorobenzene	NA	70	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,2,4-Trimethylbenzene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dibromo-3-chloropropane	NA	0.2	5 U	5 U	0.02 UJ	5 U	5 U	5 U	5 U	5 U
	1,2-Dibromoethane (EDB)[d]	NA	0.05	0.02 U	0.02 U	0.02 U	0.02 U	- -	0.02 U	0.02 U	0.02 U
	1,2-Dichlorobenzene	NA	600	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloroethane (EDC)	NA	5.0	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	5.0	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,3,5-Trimethylbenzene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichlorobenzene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichloropropane	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	75	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	1-Methylnaphthalene	NA	30* [g]	1 U	1 U	--	--	--	--	1 U	1 U
	2,2-Dichloropropane	NA	NA	5 U	5 U	5.0 U	5 UJ	5 U	5 U	5 U	5 U
	2-Butanone (MEK)	NA	NA	6 U	6 U	6.0 UJ	6 UJ	6 U	6 UJ	6 U	6 U
	2-Chlorotoluene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	2-Hexanone	NA	NA	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
	2-Methylnaphthalene	NA	30* [g]	--	--	--	--	--	--	--	--
	4-Chlorotoluene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	4-Isopropyltoluene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	4-Methyl-2-pentanone	NA	NA	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
	Acetone	NA	NA	10 U	10 U	10 U	10 UJ	2.2 J	10 U	10 U	10 U
	Benzene	NA	5.0	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Bromobenzene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Bromochloromethane	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Bromodichloromethane	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Bromoform	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Bromomethane	NA	NA	2 U	2 U	2.0 U	2 U	2 U	2 U	2 U	2 U
	Carbon disulfide	NA	NA	2 U	2 U	2.0 U	2 U	2 U	2 U	2 U	2 U
	Carbon tetrachloride	NA	5.0	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Chlorobenzene	NA	100	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Chloroethane	NA	NA	2 U	2 U	2.0 U	2 U	2 U	2 U	2 U	2 U
	Chloroform	NA	100 *	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Chloromethane	NA	NA	2 U	2 U	2.0 U	2 U	2 U	2 U	2 U	2 U
	cis-1,2-Dichloroethene	NA	70	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	cis-1,3-Dichloropropene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Dibromochloromethane	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Dibromomethane	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Dichlorodifluoromethane	NA	NA	2 U	2 U	2.0 U	2 U	2 U	2 U	2 U	2 U
	Ethylbenzene	NA	700	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Isopropylbenzene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Methyl tert-butyl ether (MTBE)	NA	NA	5 U	5 U	5.0 U	5 UJ	5 U	5 U	5 U	5 U
	Methylene chloride	NA	5.0	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
	Naphthalene	NA	30* [g]	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	n-Butylbenzene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	n-Propylbenzene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
VOCs (ug/L) Method 8260	sec-Butylbenzene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Styrene	NA	100	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	tert-Butylbenzene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Tetrachloroethene	NA	5.0	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Toluene	NA	750 *	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	trans-1,2-DCE	NA	100	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	trans-1,3-Dichloropropene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Trichloroethene	NA	5.0	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Trichlorofluoromethane	NA	NA	2 U	2 U	2.0 U	2 U	2 U	2 U	2 U	2 U

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 11 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]			KAFB-16					
				07/07/08	08/26/08	02/15/07	10/22/07	01/30/08	04/22/08	07/07/08	08/26/08
				Q308	Q308	Q107	Q407	Q108	Q208	Q308	Q308
	Vinyl chloride	NA	1.0 *	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Xylenes, m-, p- (sum of isomers)	NA	NA	2 U	2 U	2.0 U	2 U	2 U	2 U	2 U	2 U
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Xylenes, Total	NA	620 *	2 U	2 U	2.0 U	2 U	2 U	2 U	2 U	2 U
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	NA	NA	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U
	1,3-Dichlorobenzene	NA	NA	--	--	10 U	--	--	--	--	--
	1,4-Dichlorobenzene	NA	NA	--	--	--	--	--	--	--	--
	1,2-Diphenylhydrazine	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1,3-Dinitrobenzene	NA	NA	10 U	10 U	--	10 U	10 U	10 U	10 U	10 U
	1-Methylnaphthalene	NA	30* [g]	--	--	--	--	--	1 U	--	--
	2,4,5-Trichlorophenol	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	2,4,6-Trichlorophenol	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	2,4-Dichlorophenol	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2,4-Dimethylphenol	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2,4-Dinitrophenol	NA	NA	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U
	2,4-Dinitrotoluene	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	2,6-Dinitrotoluene	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	2-Chloronaphthalene	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2-Chlorophenol	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2-Methylnaphthalene	NA	30* [g]	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2-Methylphenol	NA	NA	10 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U
	2-Nitroaniline	NA	NA	50 U	50 U	50 U	50 U	50 U	10 U	50 U	50 U
	2-Nitrophenol	NA	NA	20 U	20 U	20 U	20 U	20 U	50 U	20 U	20 U
	3,3´-Dichlorobenzidine	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	3,4-Methylphenol	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	3-Nitroaniline	NA	NA	50 U	50 U	50 U	50 U	50 U	20 U	50 U	50 U
	4,6-Dinitro-2-methylphenol	NA	NA	60 U	60 U	60 U	60 U	60 U	50 U	60 U	60 U
	4-Bromophenyl phenyl ether	NA	NA	10 U	10 U	10 U	10 U	10 U	60 U	10 U	10 U
	4-Chloro-3-methylphenol	NA	NA	20 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U
	4-Chloroaniline	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	4-Chlorophenyl phenyl ether	NA	NA	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
	4-Nitroaniline	NA	NA	50 U	50 U	50 U	50 U	50 U	10 U	50 U	50 U
	4-Nitrophenol	NA	NA	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U
	Benzidine	NA	NA	150 U	150 U	150 UJ	150 U	150 U	150 U	150 U	150 U
	Benzoic acid	NA	NA	60 U	60 U	60 U	60 U	60 U	60 U	60 UJ	60 UJ
	Bis(2-chloroethoxy)methane	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Bis(2-chloroethyl)ether	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Bis(2-ethylhexyl)phthalate	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Butyl benzyl phthalate	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	Dibenzofuran	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Diethyl phthalate	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	Dimethyl phthalate	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	Di-n-butyl phthalate	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SVOCs (ug/L) Method 8270	Di-n-octyl phthalate	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	Hexachlorobenzene	NA	1.0	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Hexachlorocyclopentadiene	NA	50	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 UJ
	Hexachloroethane	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Hexachlorobutadiene	NA	NA	10 U	10 U	10 U	--	--	--	10 U	10 U
	Isophorone	NA	NA	--	--	---	--	--	--	--	--
	Naphthalene	NA	30* [g]	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U
	N-Nitrosodimethylamine	NA	NA	--	--	10 U	--	--	--	--	--
	Nitrobenzene	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	N-Nitrosodi-n-propylamine	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	N-Nitrosodiphenylamine	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Pentachlorophenol	NA	1.0	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U
	Phenol	NA	5.0 *	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	1 U	1 U	1.0 U	1 U	1 U	--	1 U	1 U
	2-Methylnaphthalene	NA	30* [g]	1 U	1 U	1.0 U	1 U	1 U	--	1 U	1 U
	Acenaphthene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Acenaphthylene	NA	NA	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
	Anthracene	NA	NA	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	Benz(a)anthracene	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Benzo(a)pyrene	NA	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Benzo(b)fluoranthene	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Benzo(g,h,i)perylene	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Benzo(k)fluoranthene	NA	NA	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table A-4. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 12 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]			KAFB-16					
				07/07/08	08/26/08	02/15/07	10/22/07	01/30/08	04/22/08	07/07/08	08/26/08
				Q308	Q308	Q107	Q407	Q108	Q208	Q308	Q308
	Chrysene	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Dibenz(a,h)anthracene	NA	NA	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	Fluoranthene	NA	NA	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
	Fluorene	NA	NA	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	Indeno(1,2,3-cd)pyrene	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	Naphthalene	NA	30* [g]	1 U	1 U	1.0 U	1 U	1 U	--	1 U	1 U
	Phenanthrene	NA	NA	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	Pyrene	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	0.1 U	0.1 U	0.1 U	0.24	0.1 U	0.1 U	0.1 U	0.1 U
	Manganese (dissolved)	NA	0.05 (s)	0.018	0.024	0.0072 J	0.024	0.0072 J	0.0064 J	0.0072 J	0.0055 J
Anions (mg/L) Method 300.0	Fluoride	NA	1.6 *	--	--	--	--	--	--	--	--
	Chloride	NA	250 (s)	--	--	--	--	--	--	--	--
	Bromide	NA	NA	--	--	--	--	--	--	--	--
	Orthophosphate (as P)	NA	NA	--	--	--	--	--	--	--	--
	Nitrite (as N)	NO_3/NO_2 4.0	1.0	--	--	--	--	--	--	--	--
	Nitrate (as N)		10.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Sulfate	NA	250 (s)	--	--	--	--	--	--	--	--
Field Parameters [f]	Temperature (degrees C)					23.5	NR	NR	NR		
	pH (standard pH units)					7.05	NR	NR	NR		
	Conductivity (mS/cm)					0.482	NR	NR	NR		
	Dissolved Oxygen (mg/L)					0	NR	NR	NR		
	Turbidity (NTU)					0.29	NR	NR	NR		
	Redox Potential (ORP in mV)					137	NR	NR	NR		

a. EPA analytical methods listed are for the most recent sampling event.

b. NMED HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water. Concentrations exceeding background are shown in *italics*, if applicable.

c. EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Mexico Water Quality Control Commission (WQCC) Regulations as denoted by "*". Concentrations exceeding standards shown in **BOLD**.

d. Samples analyzed for EDB using Methods 8260 and 504.1. Table includes only Method 504.1 results because this method has a lower quantitation limit.

f. Field Parameters collected throughout well purge, reported parameter values were taken at time of sample collection.

g. The WQCC regulation for PAHs of 30 mg/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

Shading indicates the analyte was detected.

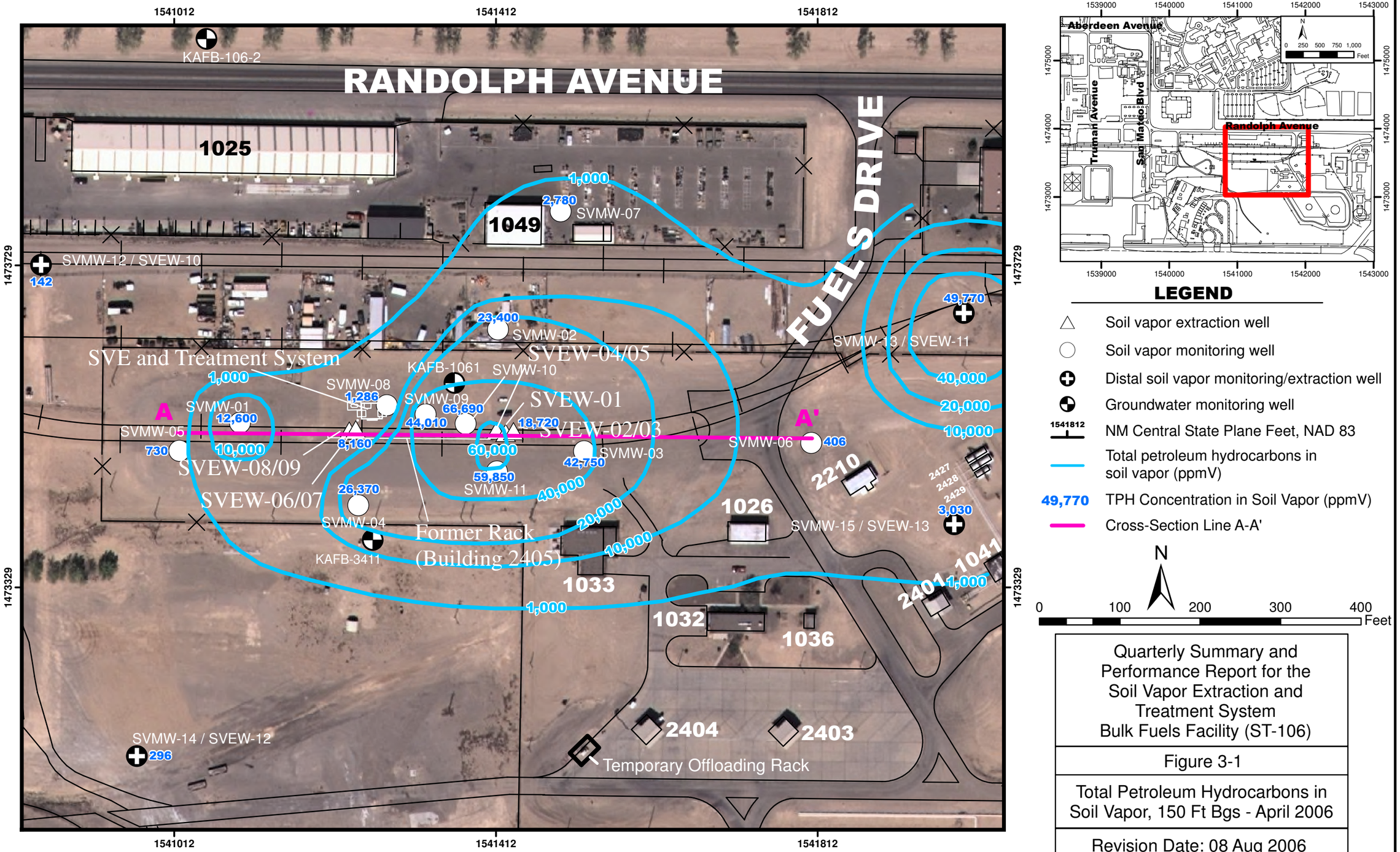
H - Orthophosphate samples from October 2004 analyzed out of hold time.

NA - not applicable --- not analyzed

NR - not recorded possible instrument calibration error

J - estimated value, concentration is less than PQL but greater than Laboratory Method Detection Limit.

U - The analyte was not detected. The associated numerical value is at or below the MDL.

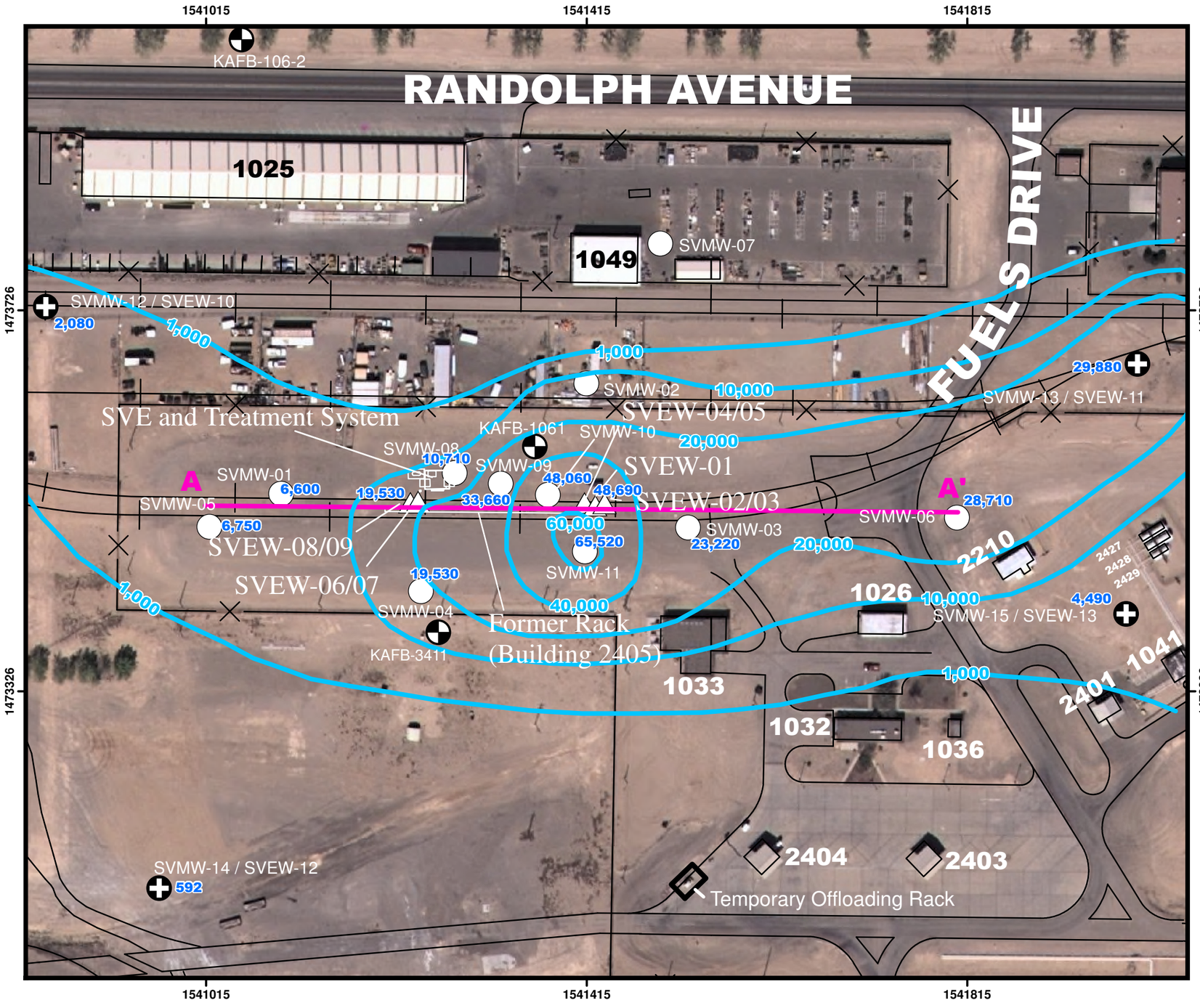


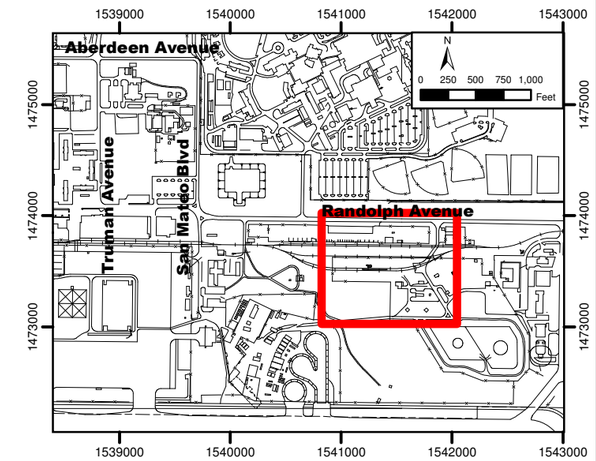
Quarterly Summary and Performance Report for the Soil Vapor Extraction and Treatment System Bulk Fuels Facility (ST-106)

Figure 3-1

Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs - April 2006

Revision Date: 08 Aug 2006





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 65,520 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

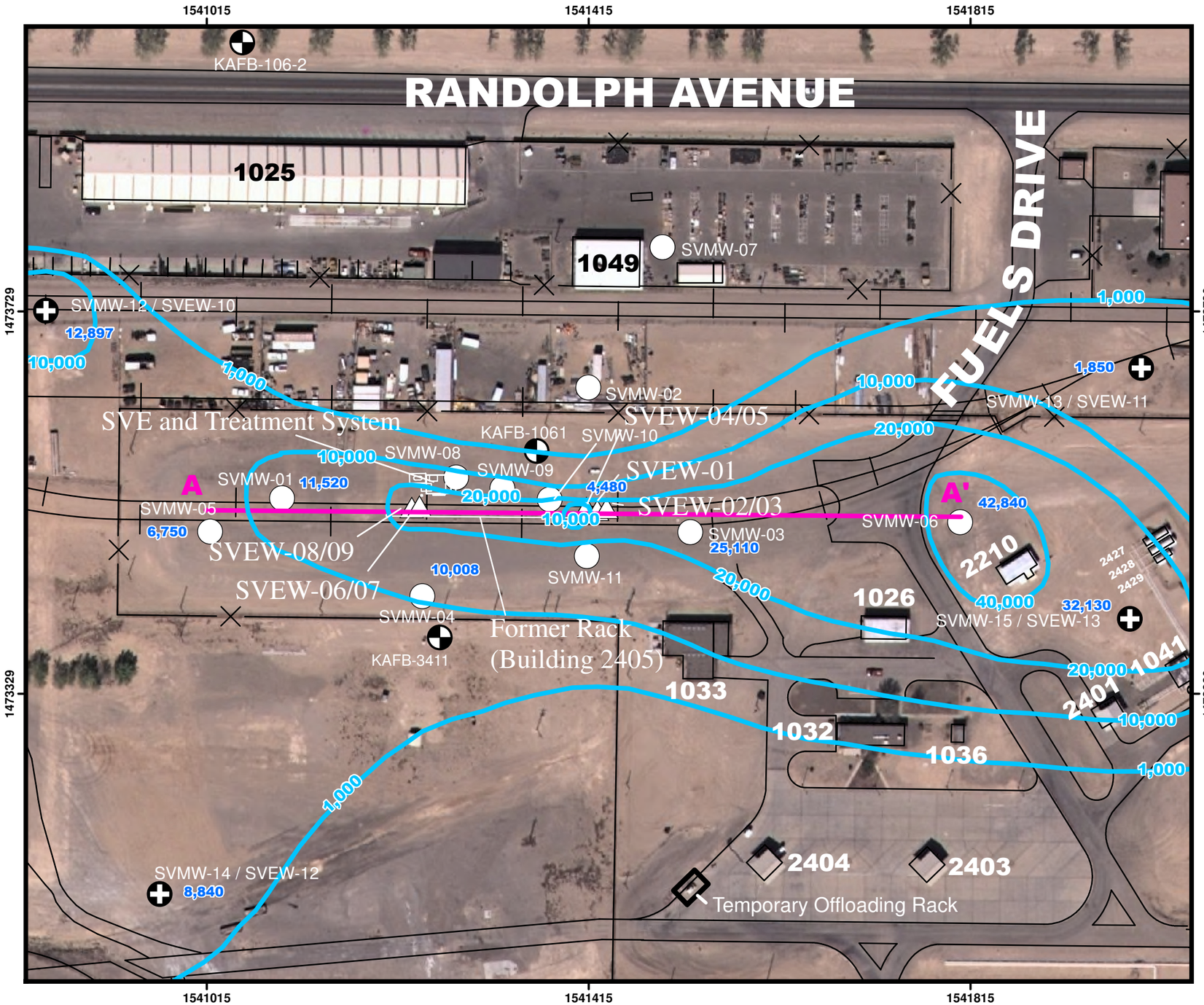
0 100 200 300 400 Feet

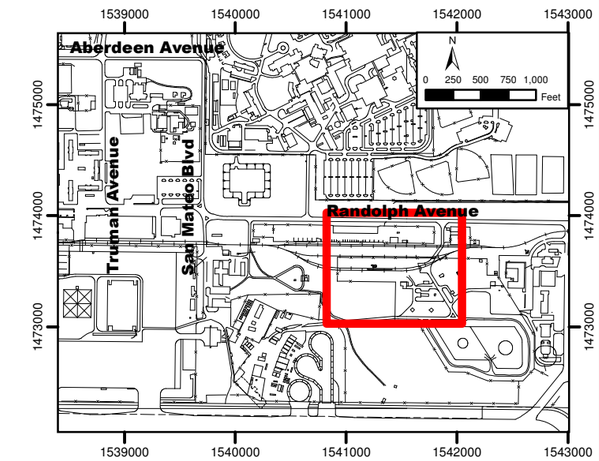
Quarterly Summary and Performance Report for the Soil Vapor Extraction and Treatment System Bulk Fuels Facility (ST-106)

Figure 3-2

Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs - April 2006

Revision Date: 08 Aug 2006





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 42,840 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

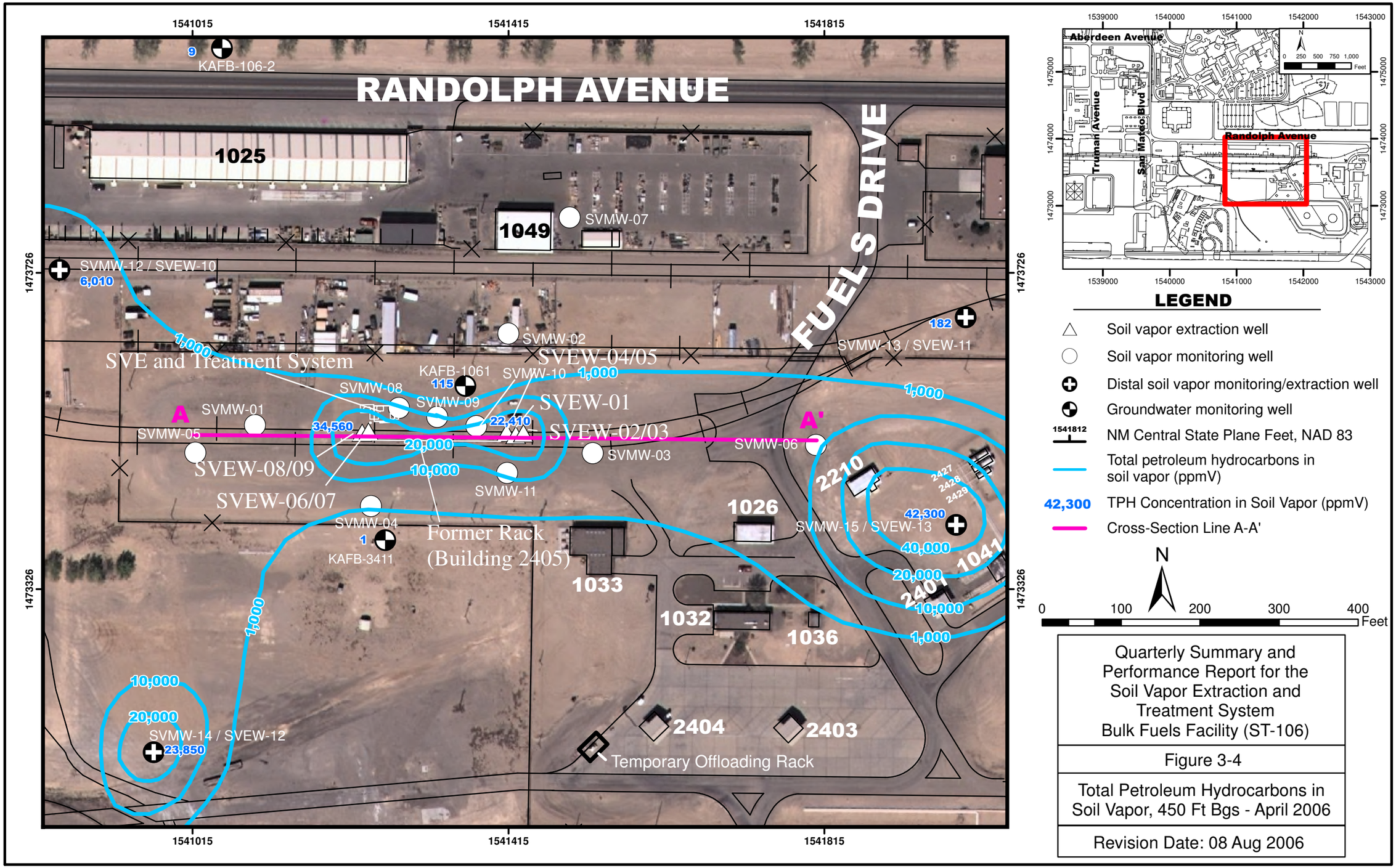
0 100 200 300 400 Feet

Quarterly Summary and Performance Report for the Soil Vapor Extraction and Treatment System Bulk Fuels Facility (ST-106)

Figure 3-3

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs - April 2006

Revision Date: 08 Aug 2006



Quarterly Summary and Performance Report for the Soil Vapor Extraction and Treatment System Bulk Fuels Facility (ST-106)

Figure 3-4

Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs - April 2006

Revision Date: 08 Aug 2006

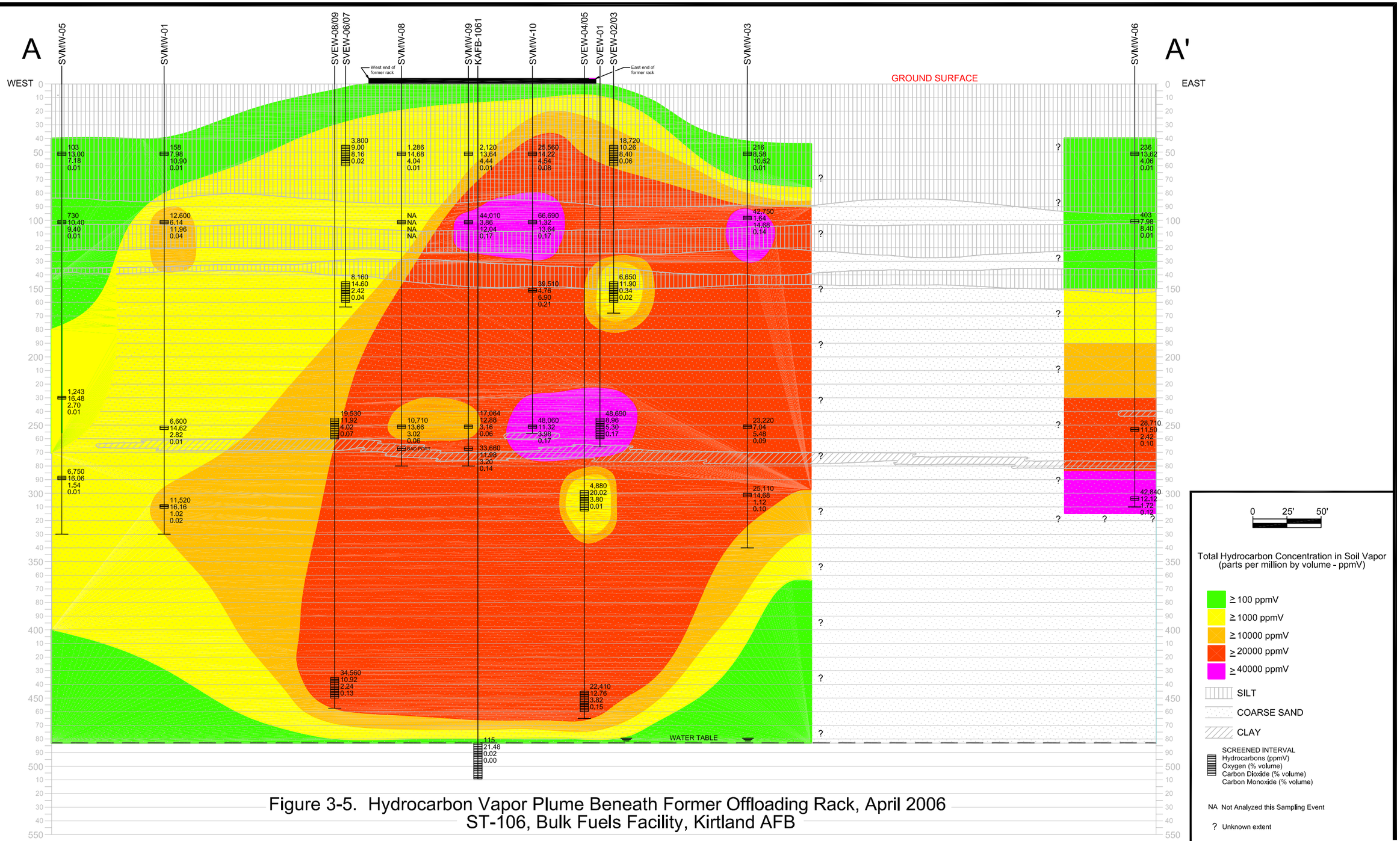
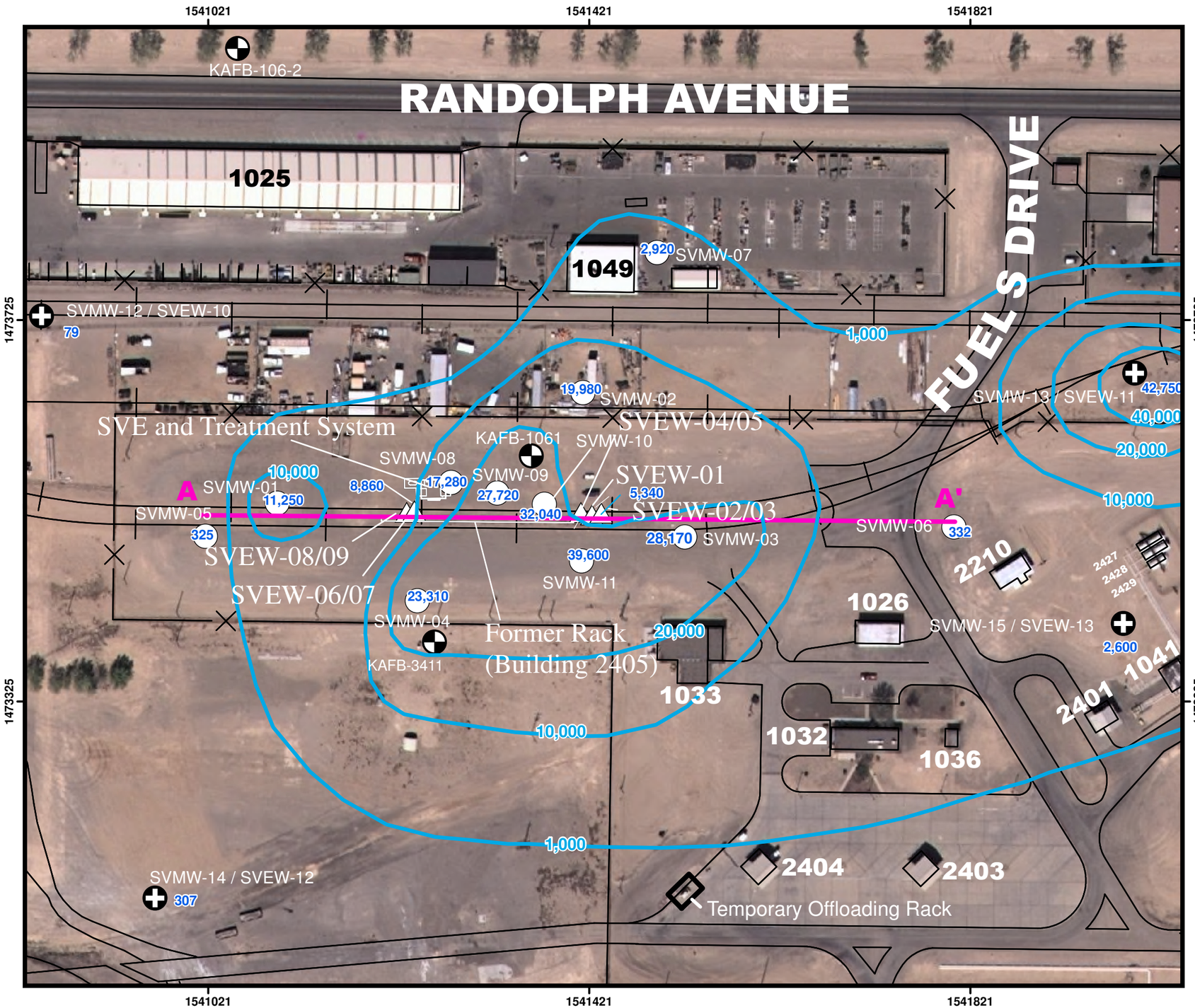
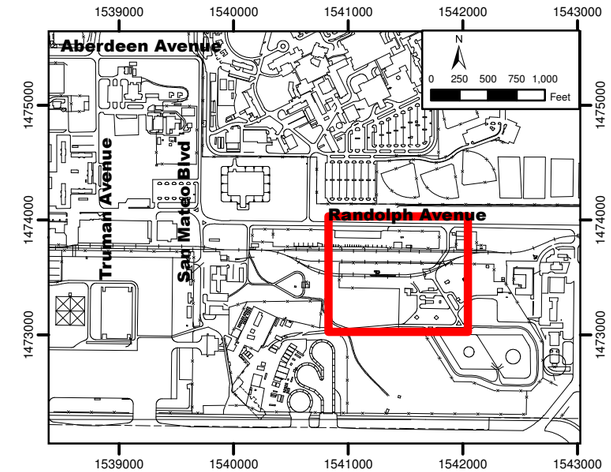


Figure 3-5. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, April 2006
ST-106, Bulk Fuels Facility, Kirtland AFB





LEGEND

- △ Soil vapor extraction well
- ○ Soil vapor monitoring well
- ✚ Distal soil vapor monitoring/extraction well
- ⊕ Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 42,750 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

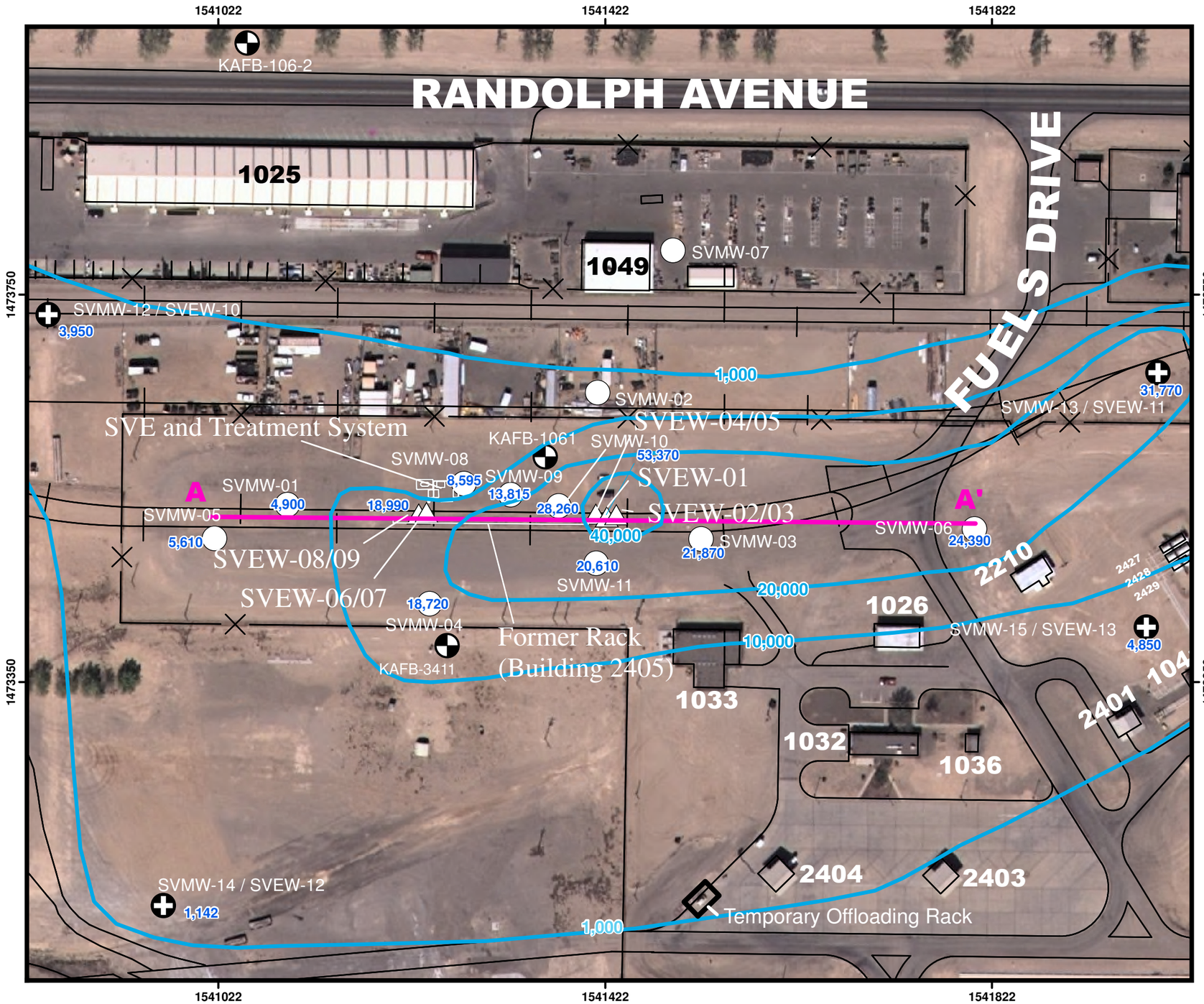
0 100 200 300 400 Feet

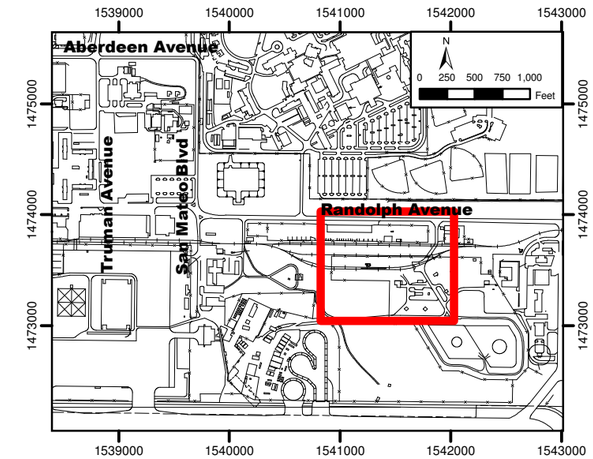
Summary and Performance Report for the Soil Vapor Extraction and Treatment System Bulk Fuels Facility (ST-106)

Figure 3-3

Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-September 20, 2006

Revision Date: 6 Dec 2006





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 53,370 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

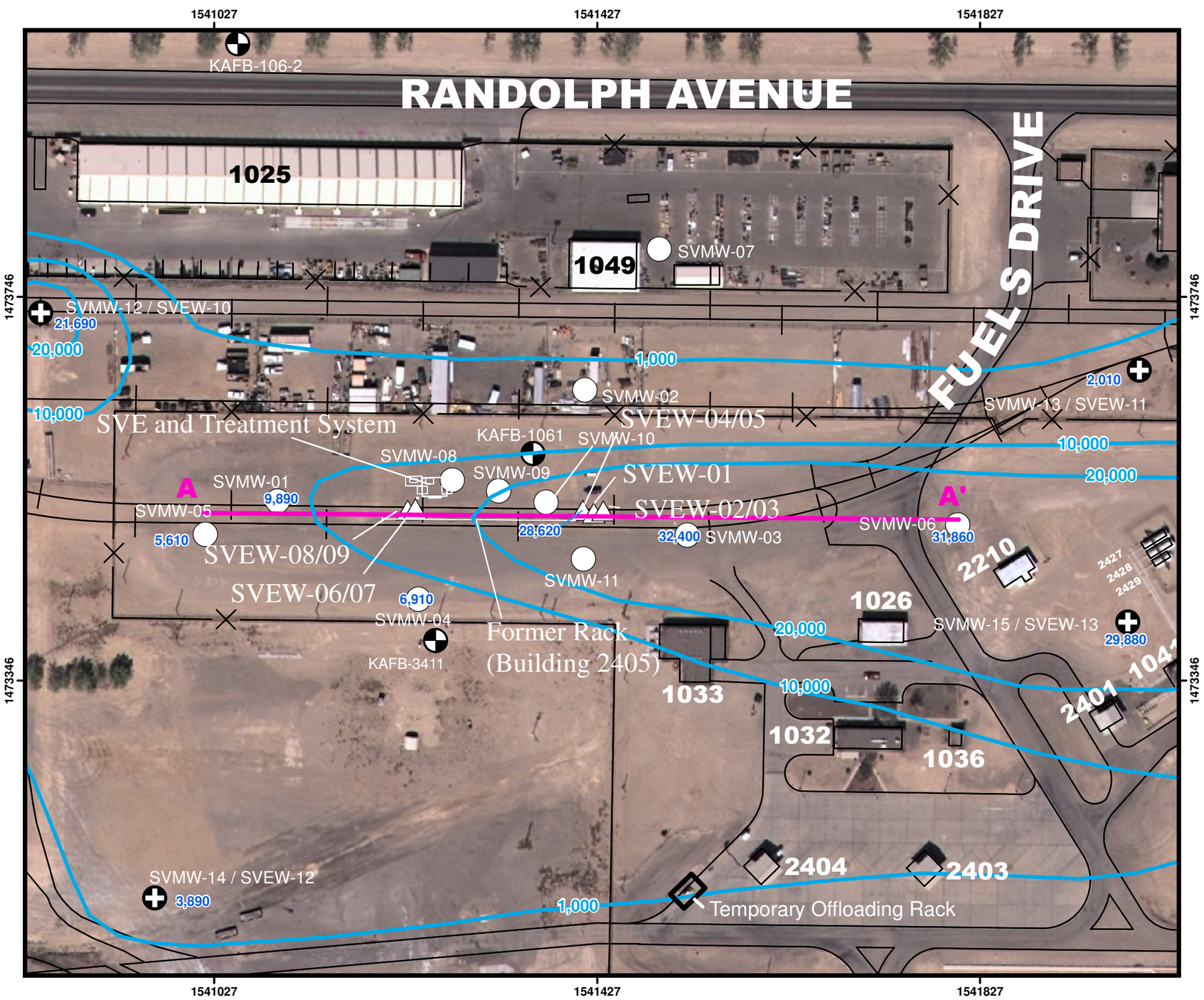
0 50 100 200 300 400 Feet

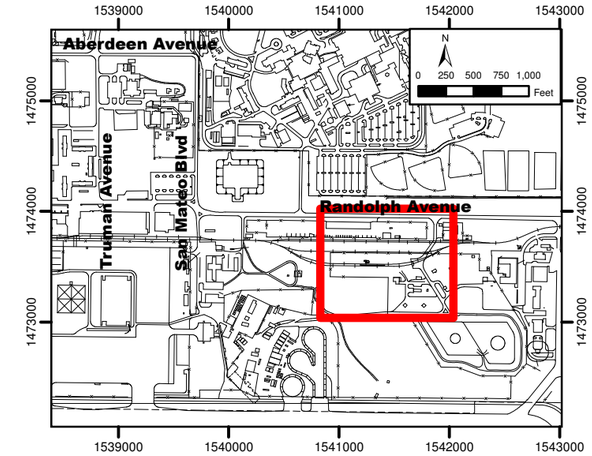
Summary and Performance Report for the Soil Vapor Extraction and Treatment System Bulk Fuels Facility (ST-106)

Figure 3-6

Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-September 20, 2006

Revision Date: 6 Dec 2006





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 32,400 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

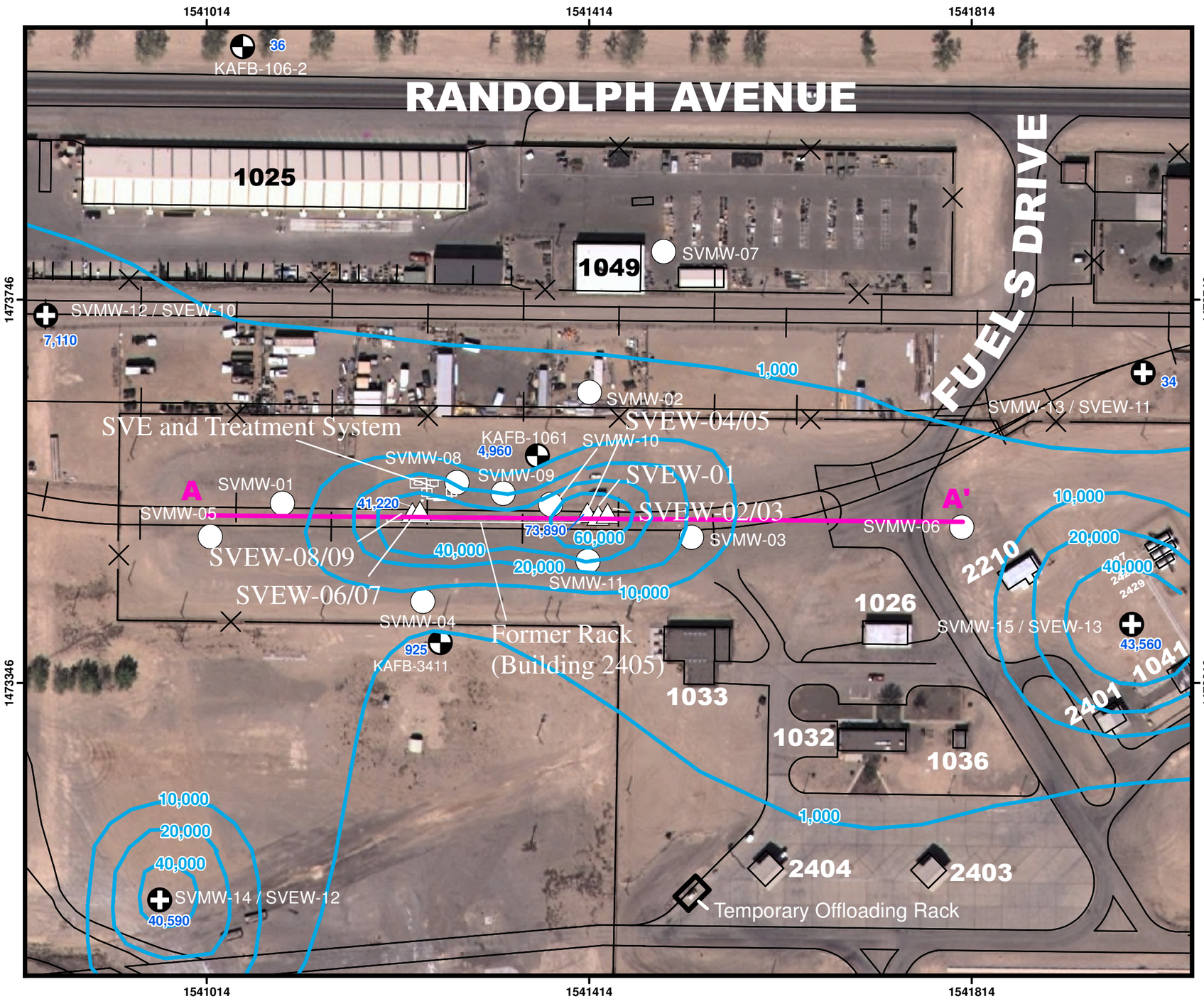
0 50 100 200 300 400 Feet

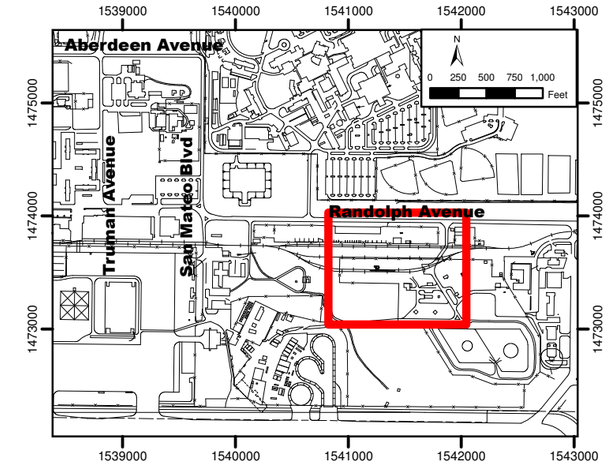
Summary and Performance Report for the Soil Vapor Extraction and Treatment System Bulk Fuels Facility (ST-106)

Figure 3-9

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-September 20, 2006

Revision Date: 6 Dec 2006





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 73,890 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

0 100 200 300 400 Feet

Summary and Performance Report for the Soil Vapor Extraction and Treatment System Bulk Fuels Facility (ST-106)
Figure 3-12
Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-September 20, 2006
Revision Date: 6 Dec 2006

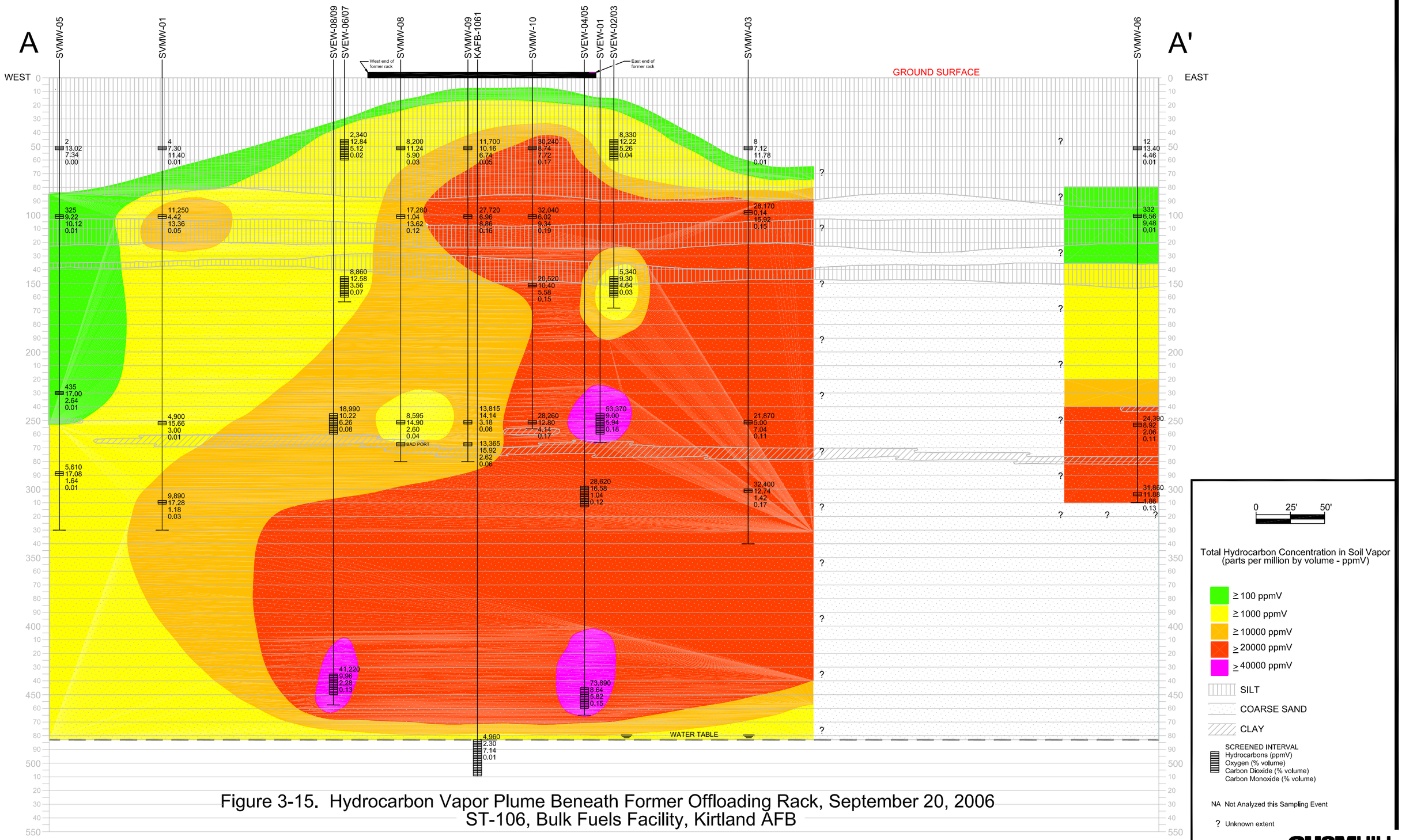
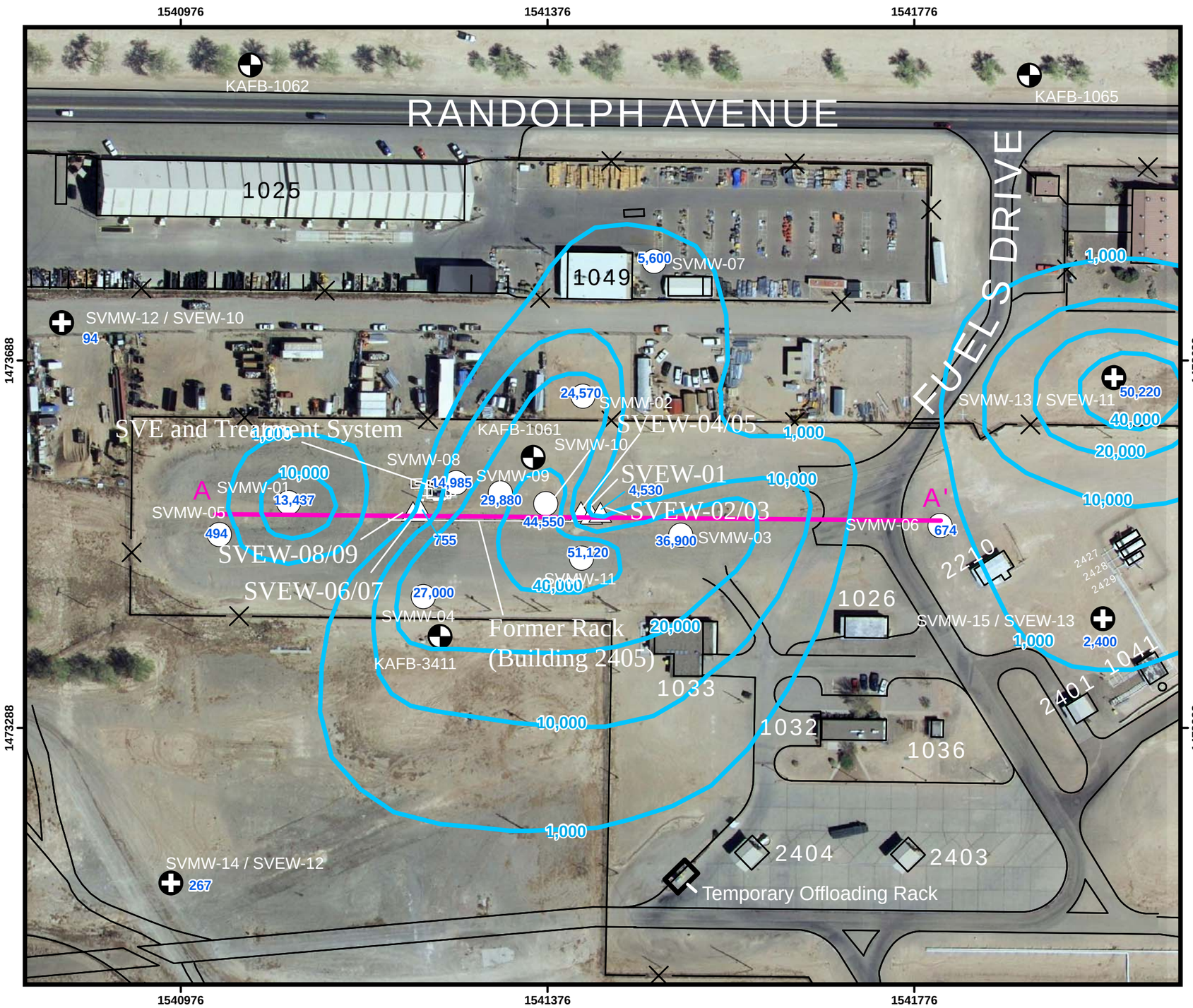
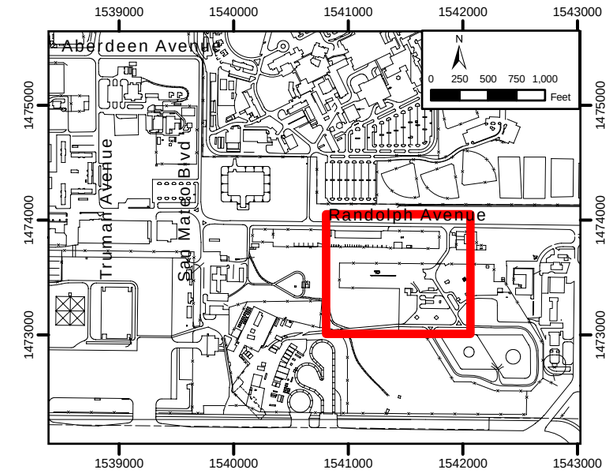


Figure 3-15. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, September 20, 2006
ST-106, Bulk Fuels Facility, Kirtland AFB





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 51,120 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

Note:
Vapor samples from wells SVMW-06 and SVMW-14 collected on December 11, 2006.

N

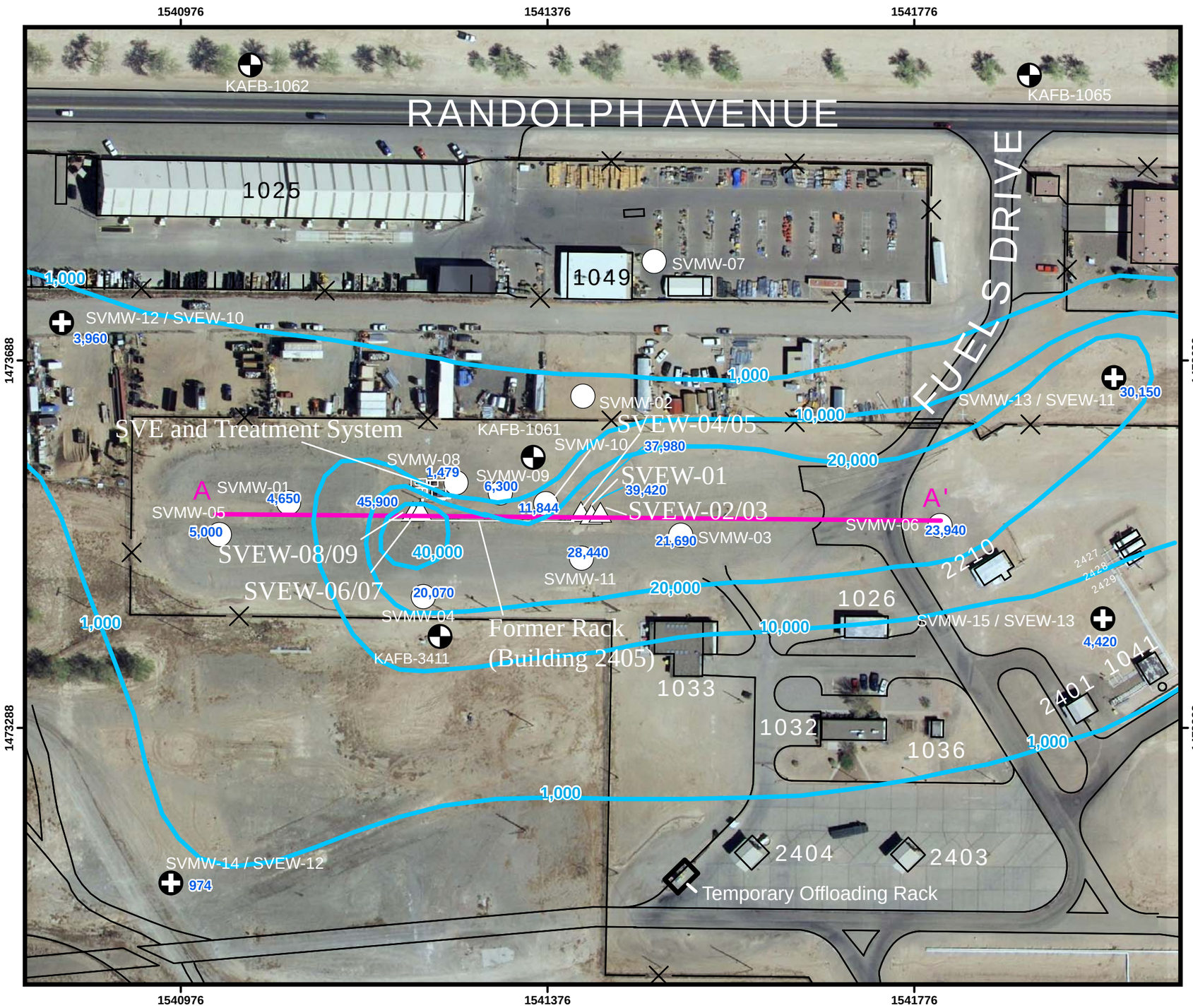
0 100 200 300 400 Feet

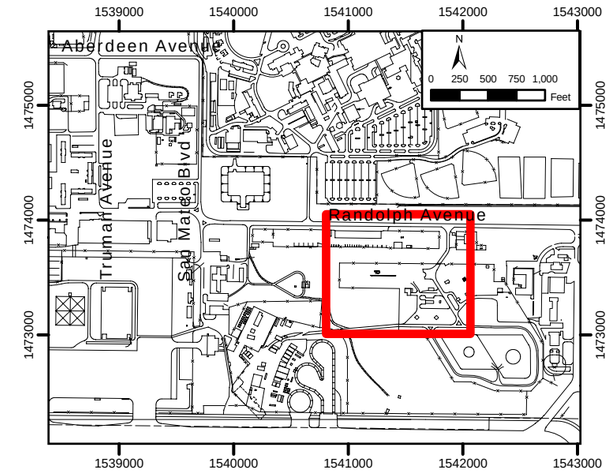
Semi-Annual Summary and Performance Report
October 2006 through March 2007
Bulk Fuels Facility (ST-106)

Figure 3-2

Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-October 24, 2006

Revision Date: 20 June 2007





LEGEND

- △ Soil vapor extraction well
- ○ Soil vapor monitoring well
- ✚ Distal soil vapor monitoring/extraction well
- ⊕ Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 45,900 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

Note:
Vapor samples from wells SVMW-06 and SVMW-14 collected on December 11, 2006.

N

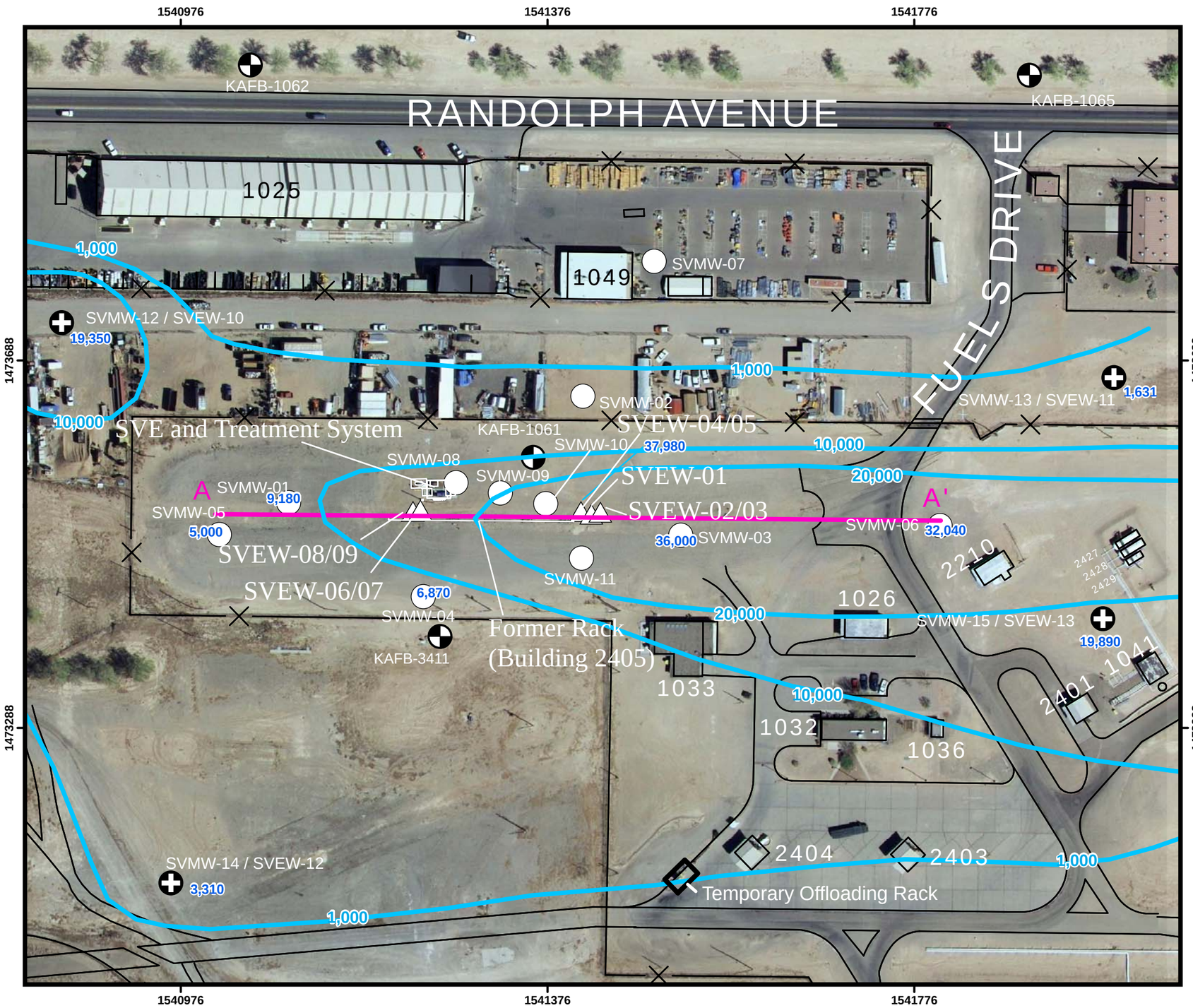
0 100 200 300 400 Feet

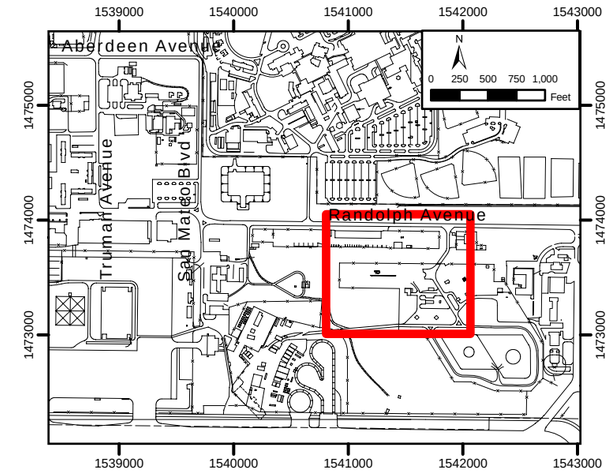
Semi-Annual Summary and Performance Report
October 2006 through March 2007
Bulk Fuels Facility (ST-106)

Figure 3-4

Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-October 24, 2006

Revision Date: 20 June 2007





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 37,980 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

Note:
Vapor samples from wells SVMW-06 and SVMW-14 collected on December 11, 2006.

N

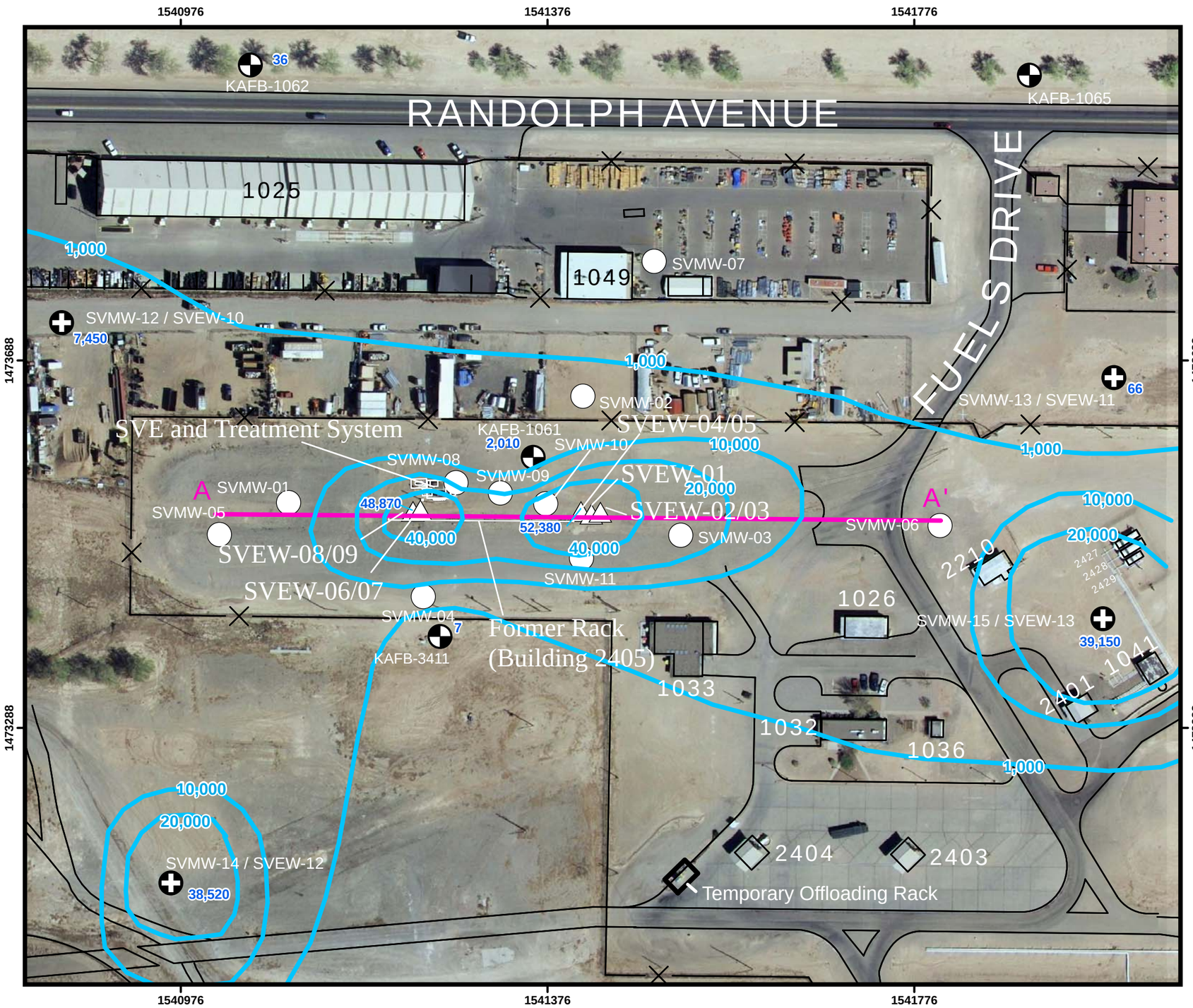
0 100 200 300 400 Feet

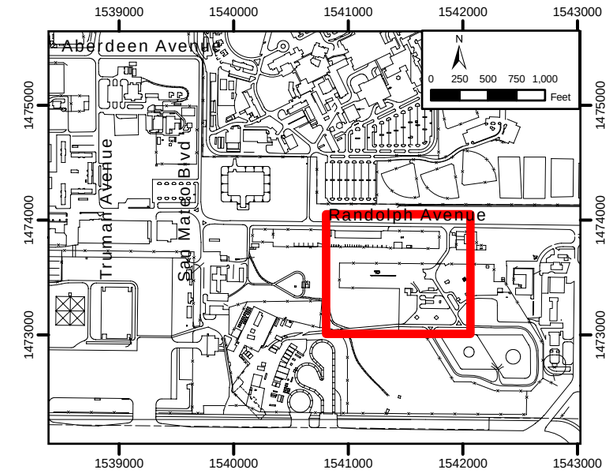
Semi-Annual Summary and Performance Report
October 2006 through March 2007
Bulk Fuels Facility (ST-106)

Figure 3-6

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-October 24, 2006

Revision Date: 20 June 2007





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 52,380 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

Note:
Vapor samples from wells SVMW-06 and SVMW-14 collected on December 11, 2006.

N

0 100 200 300 400 Feet

Semi-Annual Summary and Performance Report
October 2006 through March 2007
Bulk Fuels Facility (ST-106)

Figure 3-8

Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-October 24, 2006

Revision Date: 20 June 2007

A

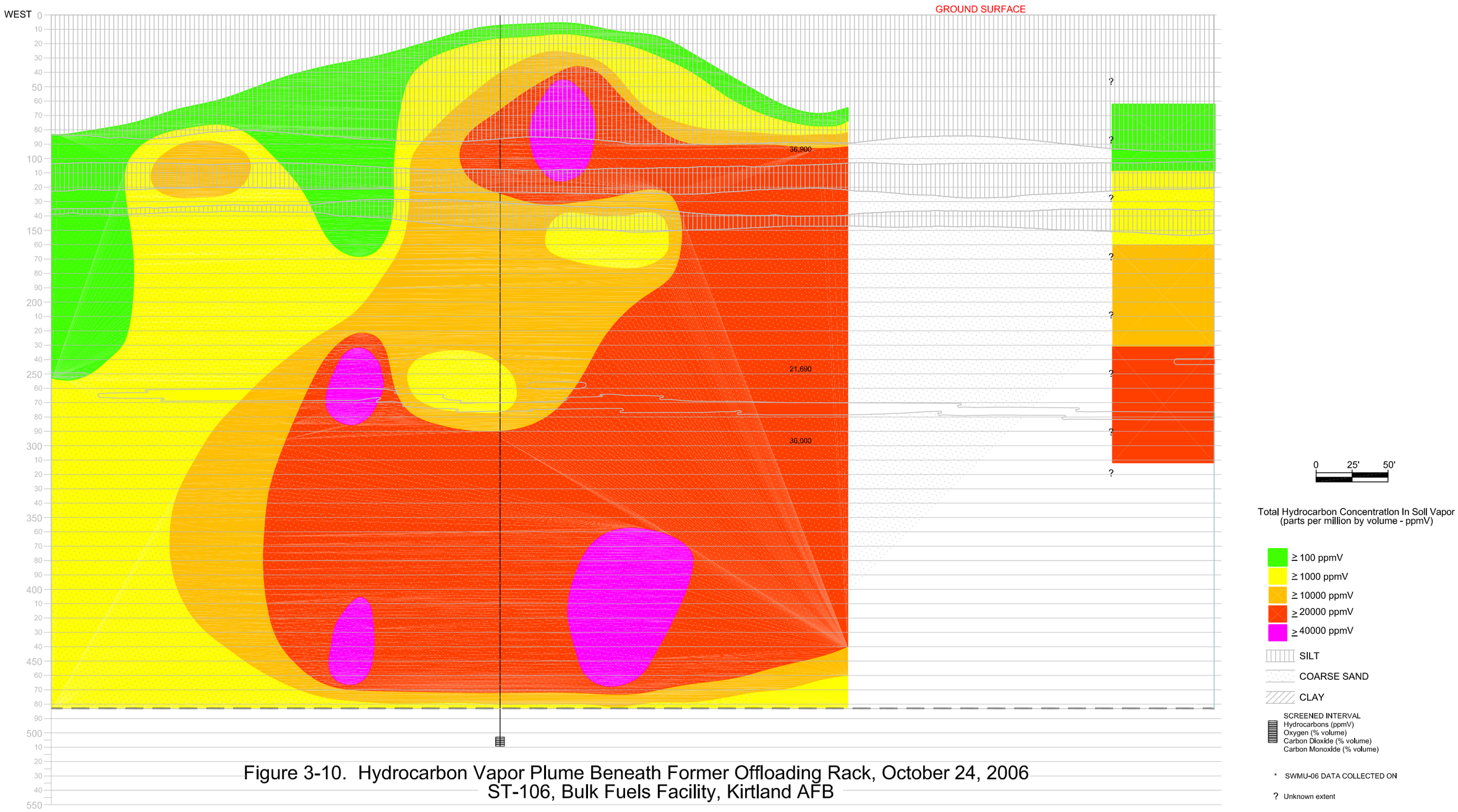
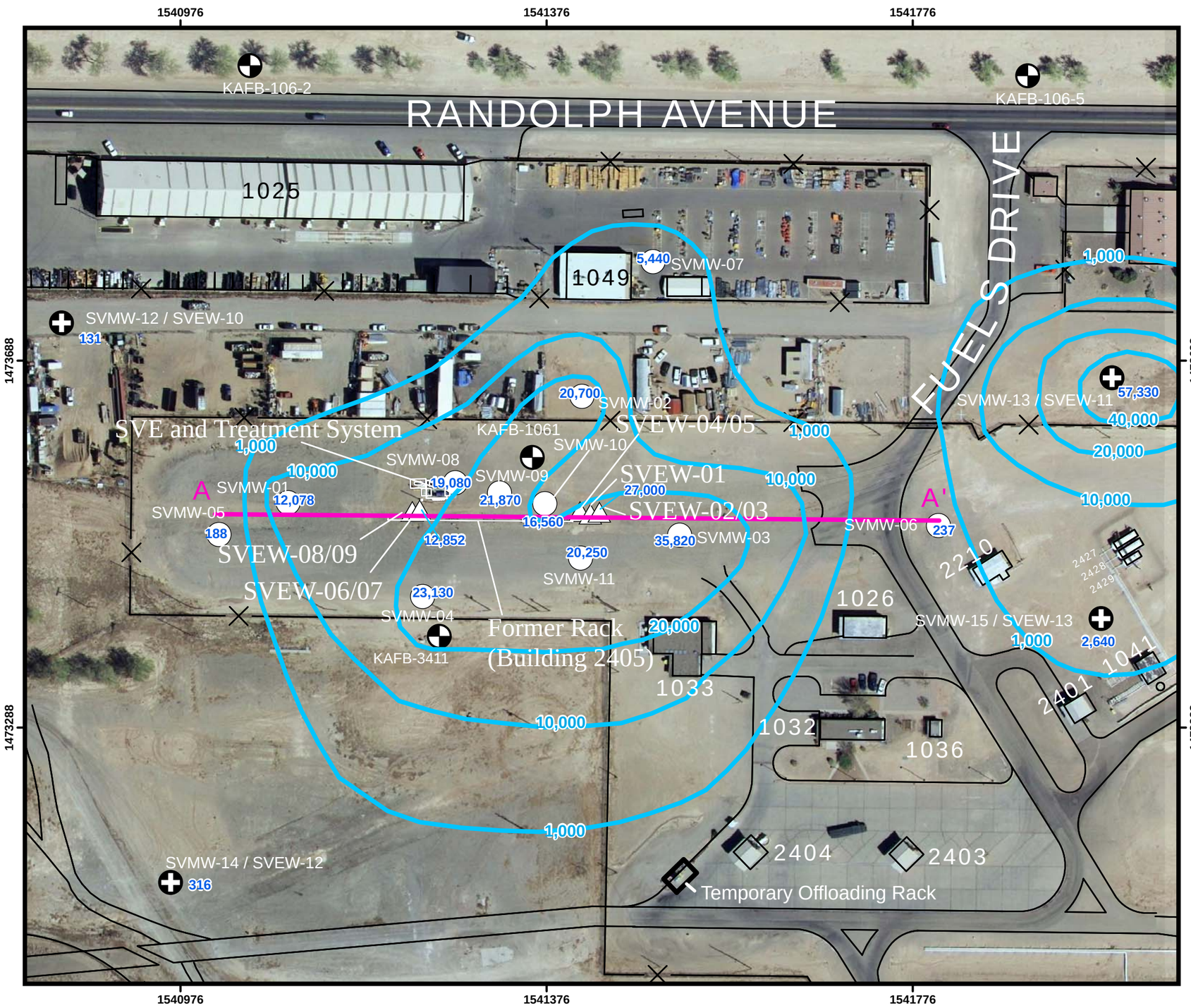
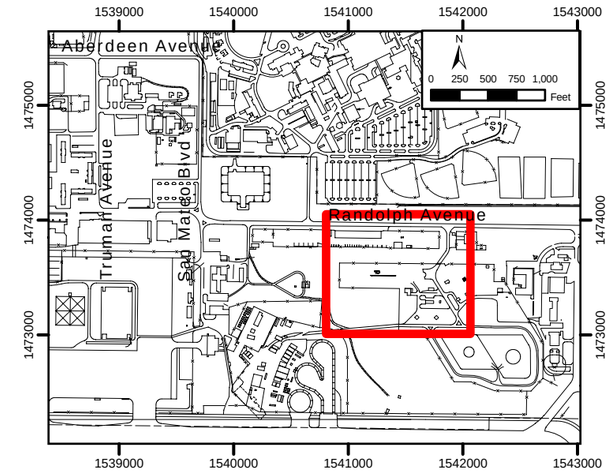


Figure 3-10. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, October 24, 2006
ST-106, Bulk Fuels Facility, Kirtland AFB





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 57,330 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

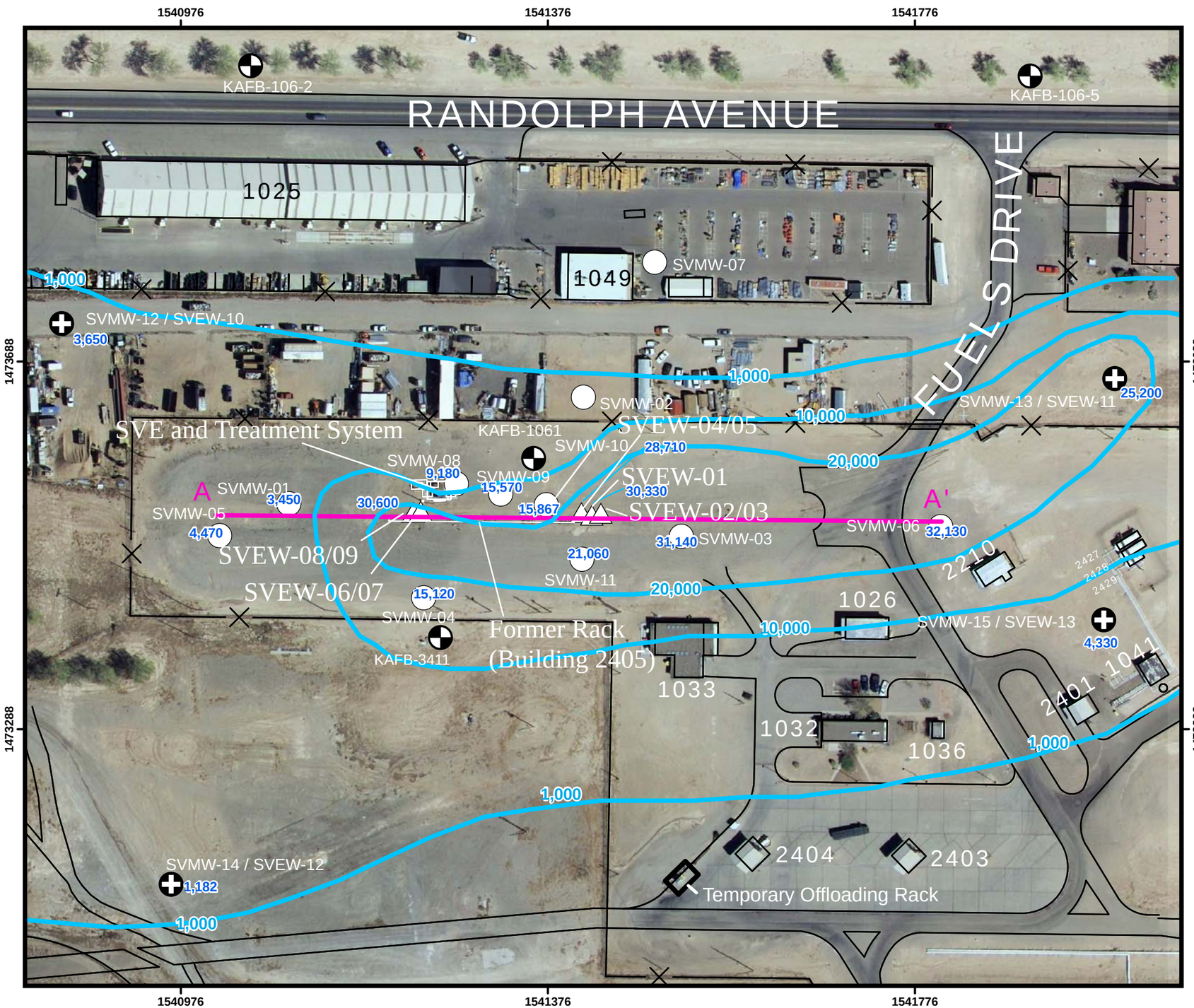
0 100 200 300 400 Feet

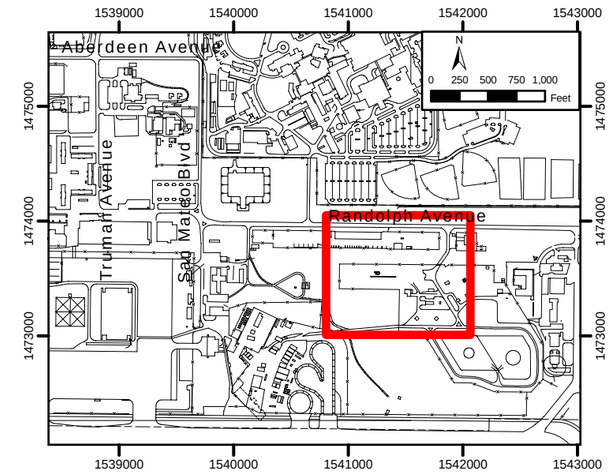
Semi-Annual Summary and Performance Report
October 2006 through March 2007
Bulk Fuels Facility (ST-106)

Figure 3-3

Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-February 28, 2007

Revision Date: 20 June 2007





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 32,130 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

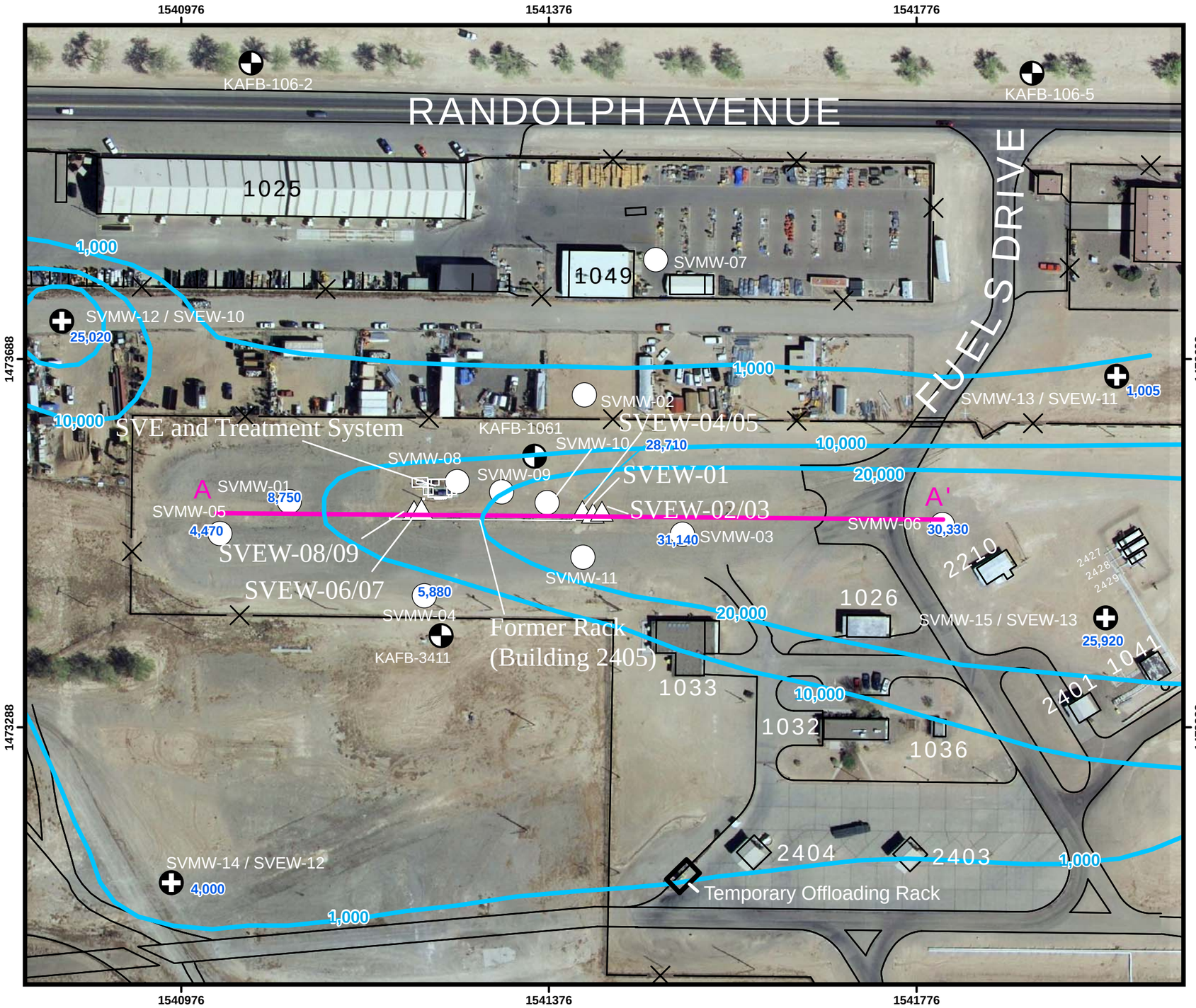
0 100 200 300 400 Feet

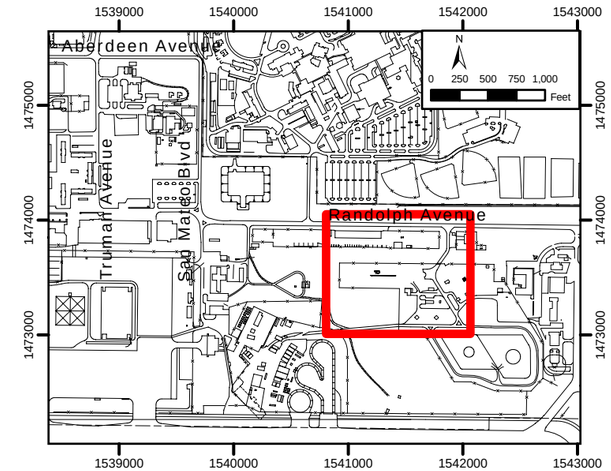
Semi-Annual Summary and Performance Report
October 2006 through March 2007
Bulk Fuels Facility (ST-106)

Figure 3-5

Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-February 28, 2007

Revision Date: 20 June 2007





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 31,140 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

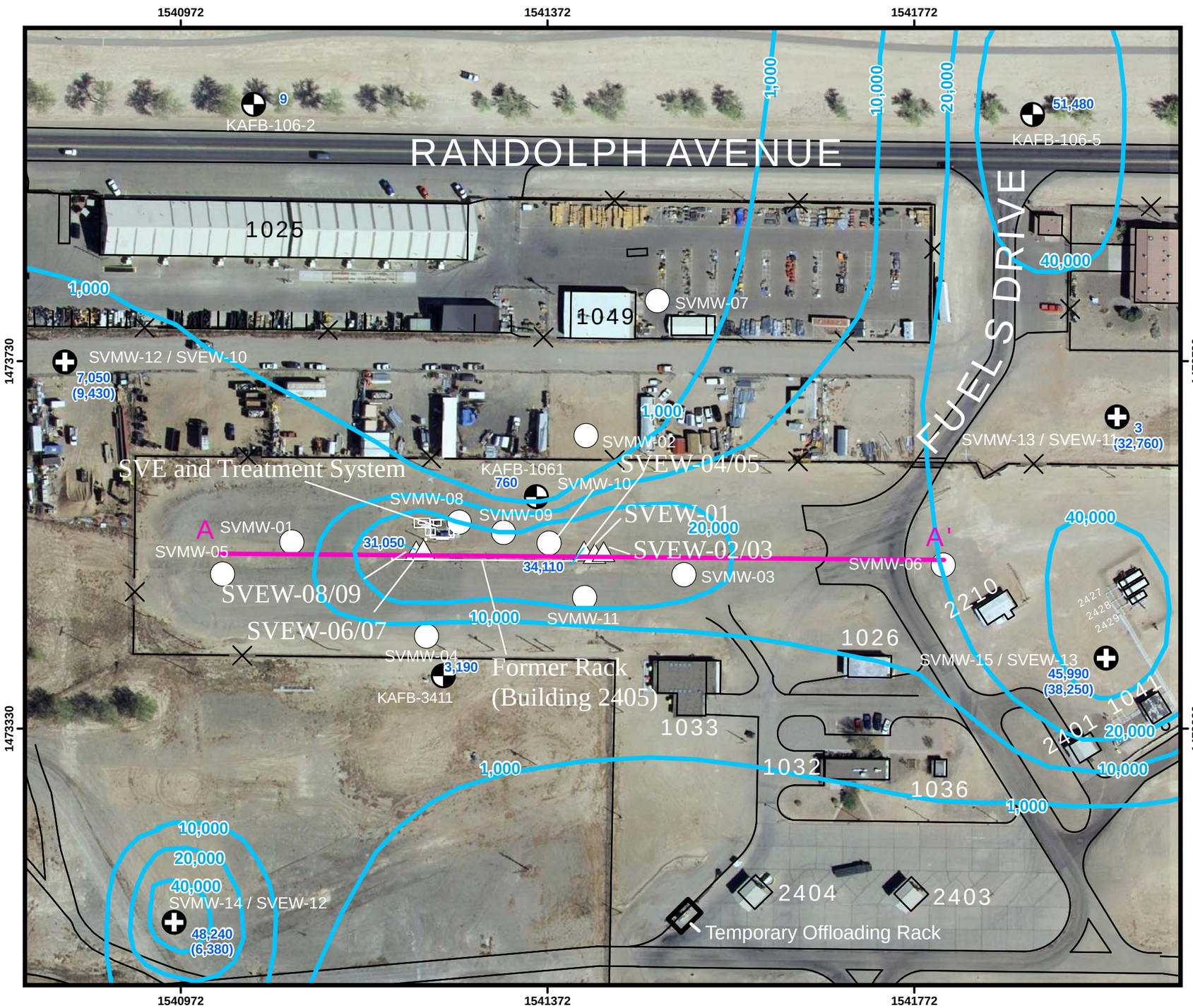
0 100 200 300 400 Feet

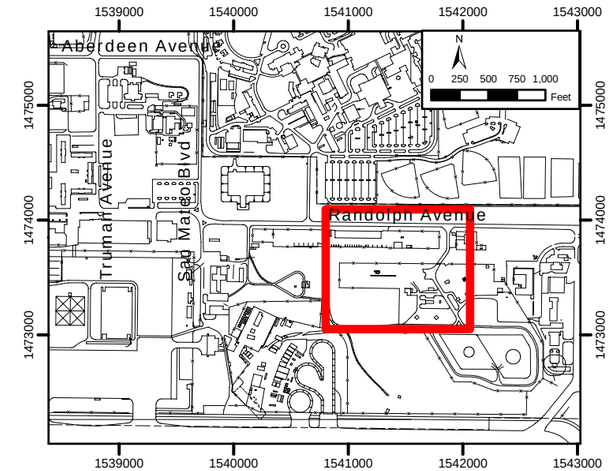
Semi-Annual Summary and Performance Report
October 2006 through March 2007
Bulk Fuels Facility (ST-106)

Figure 3-7

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-February 28, 2007

Revision Date: 20 June 2007





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 45,990 (38,250) TPH Concentration in Soil Vapor (ppmV) Values in parentheses from 400 ft extraction portion of distal vapor monitoring wells
- Cross-Section Line A-A'

N

0 100 200 300 400 Feet

Semi-Annual Summary and Performance Report
October 2006 through March 2007
Bulk Fuels Facility (ST-106)

Figure 3-9

Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-February 28, 2007

Revision Date: 20 June 2007

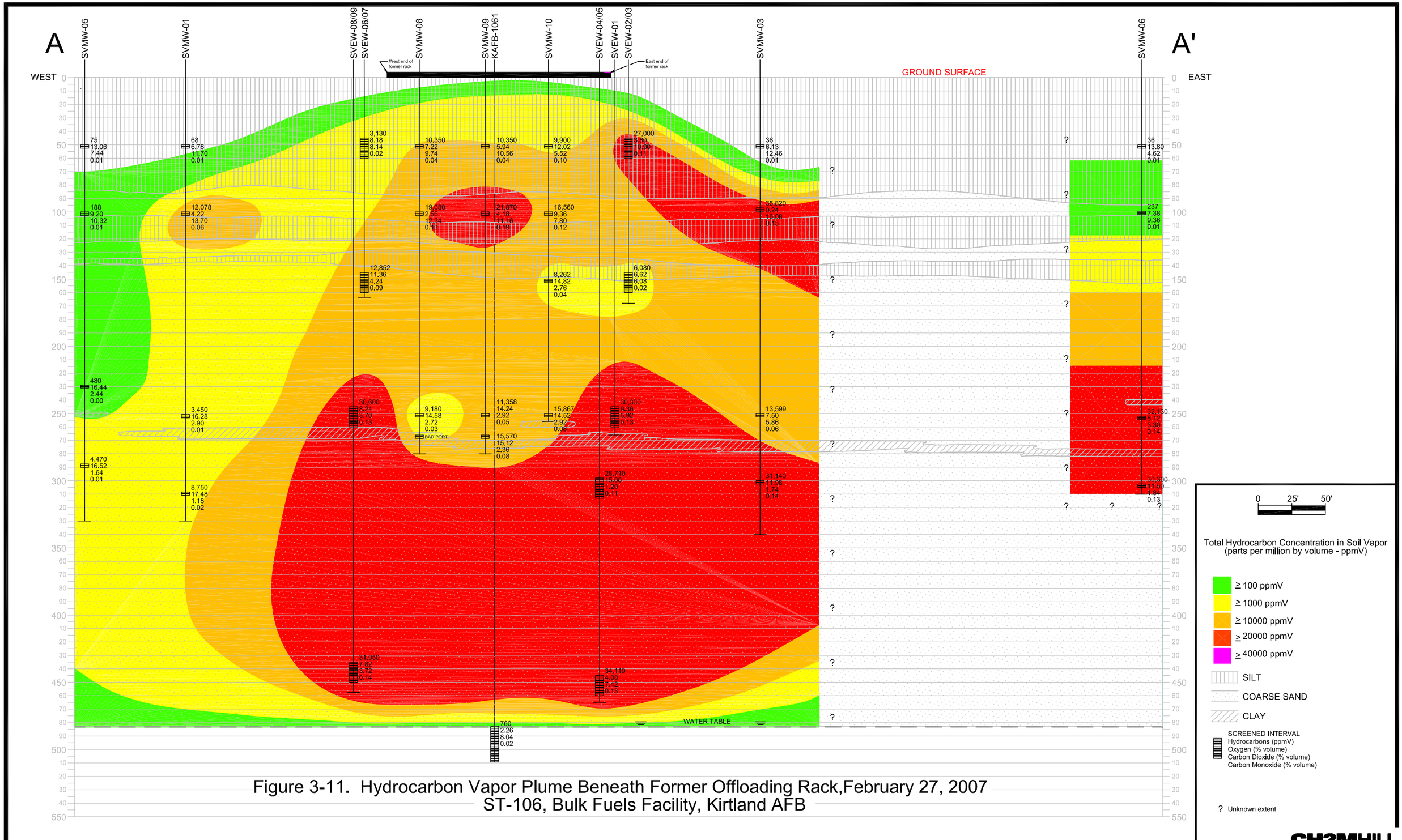
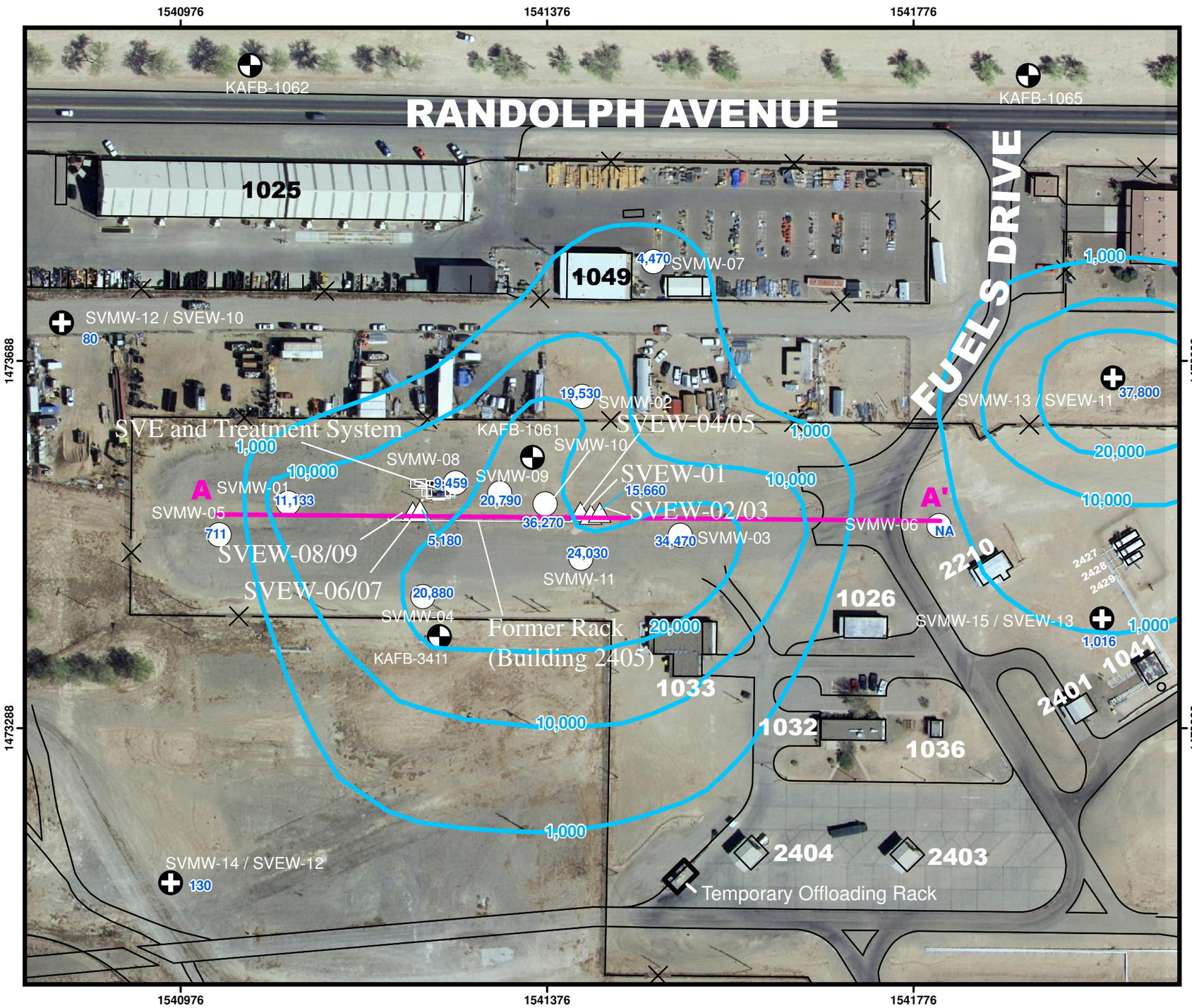
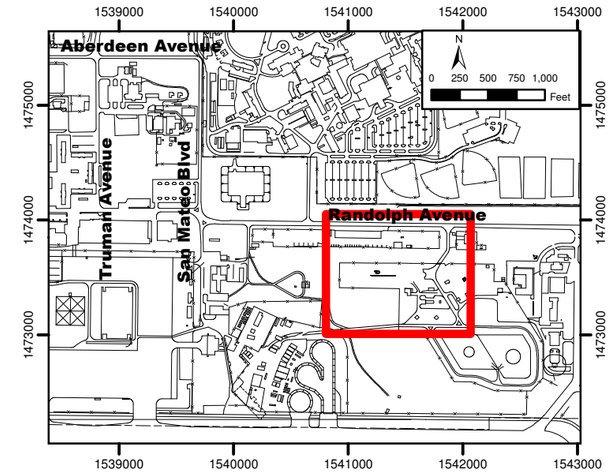


Figure 3-11. Hydrocarbon Vapor Plume Beneath Former Offloading Rack,February 27, 2007
ST-106, Bulk Fuels Facility, Kirtland AFB

CH2MHILL





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 37,800 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

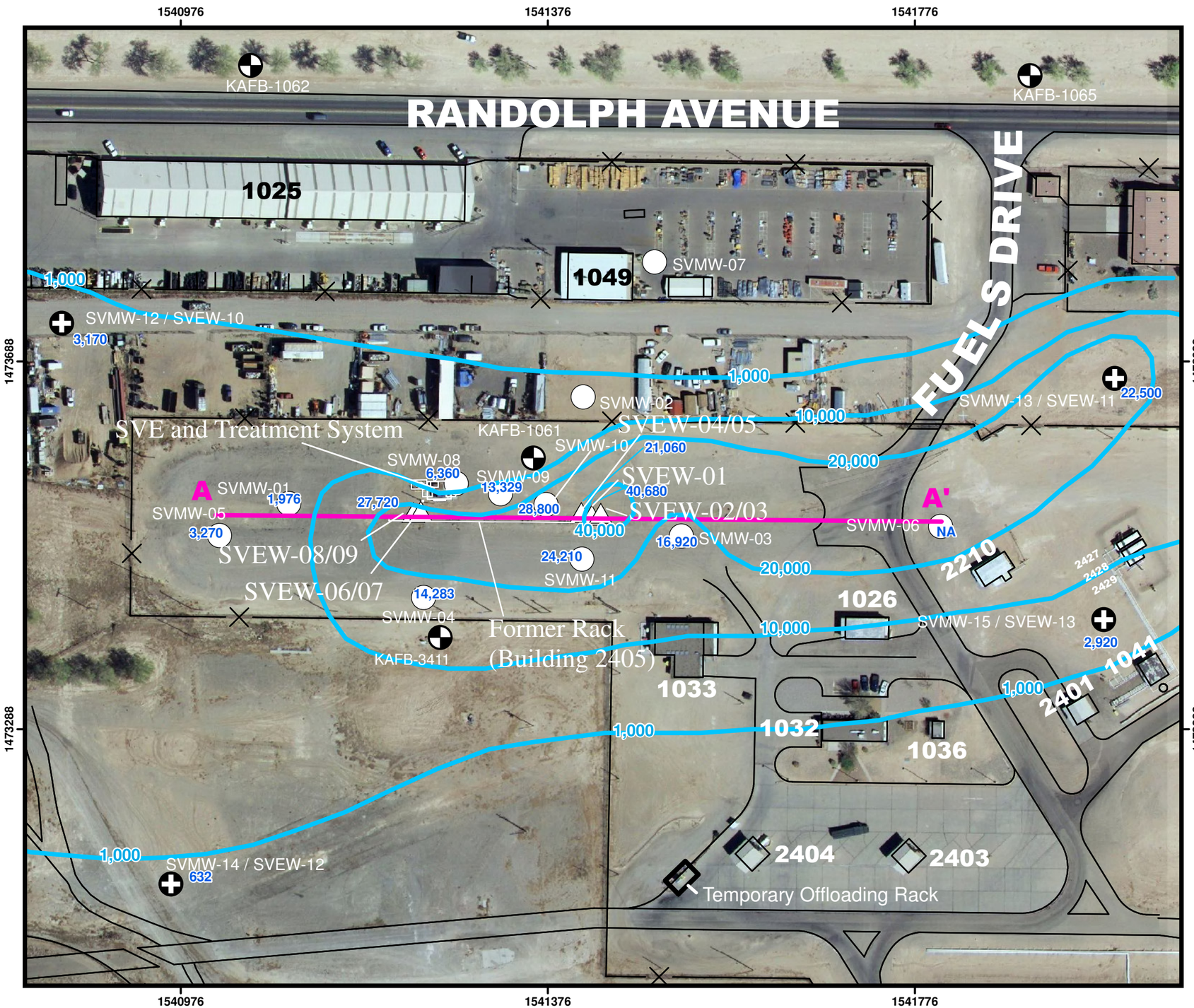
0 100 200 300 400 Feet

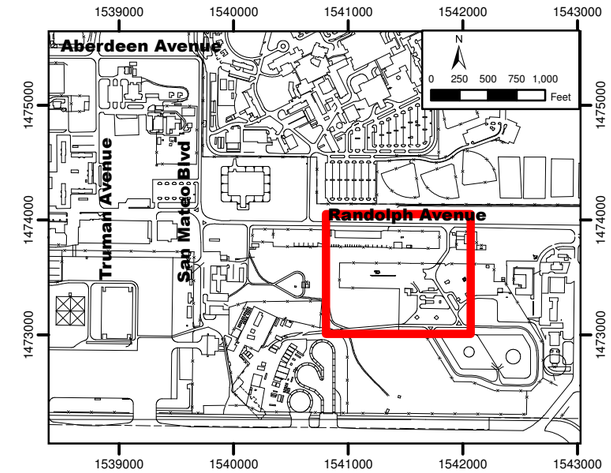
Semi-Annual Summary and Performance Report
April through September 2007
Bulk Fuels Facility (ST-106)

Figure 3-2

Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-August 22, 2007

Revision Date: 6 November 2007





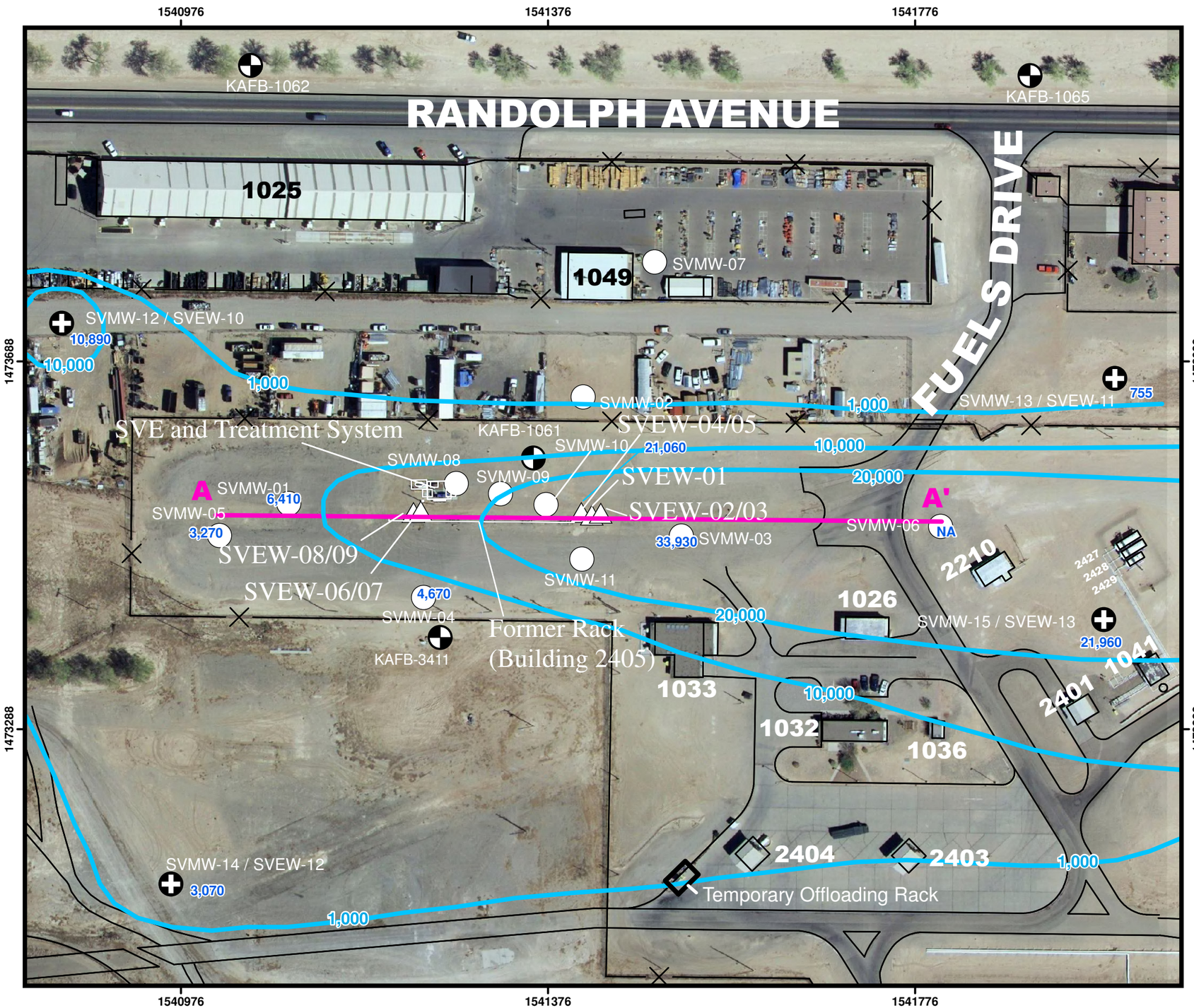
LEGEND

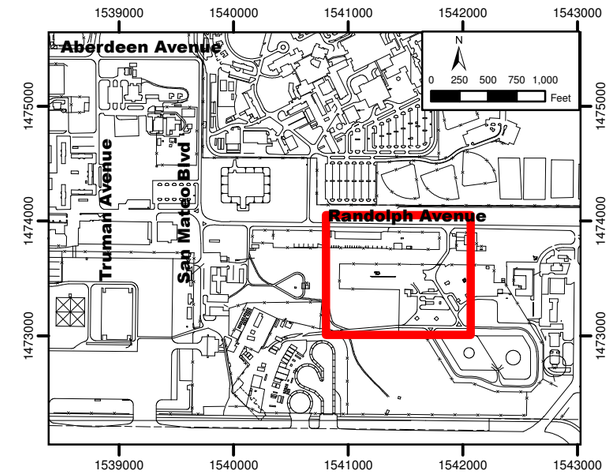
- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 40,680 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

0 100 200 300 400 Feet

Semi-Annual Summary and Performance Report April through September 2007 Bulk Fuels Facility (ST-106)
Figure 3-3
Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-August 22, 2007
Revision Date: 6 November 2007





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 33,930 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

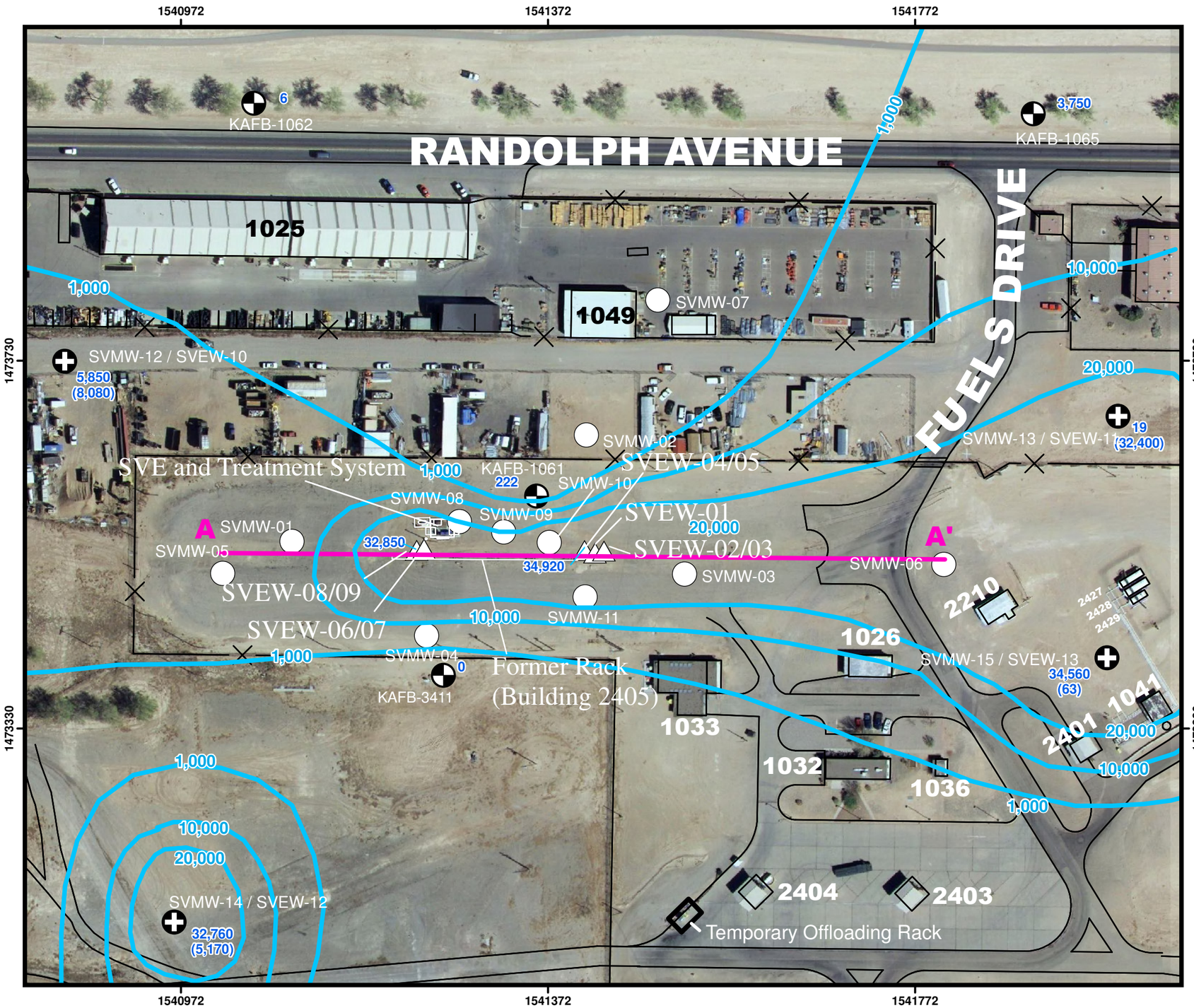
0 100 200 300 400 Feet

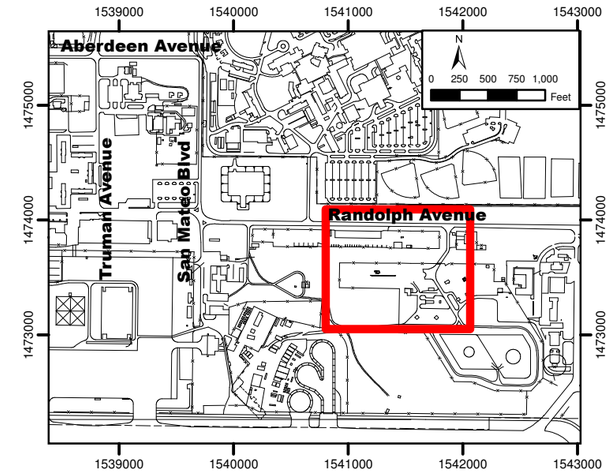
Semi-Annual Summary and Performance Report
April through September 2007
Bulk Fuels Facility (ST-106)

Figure 3-4

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-August 22, 2007

Revision Date: 6 November 2007





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 — NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 34,560 (63) — TPH Concentration in Soil Vapor (ppmV) Values in parentheses from 400 ft extraction portion of distal vapor monitoring wells
- Cross-Section Line A-A'

N

0 100 200 300 400 Feet

Semi-Annual Summary and Performance Report
April through September 2007
Bulk Fuels Facility (ST-106)

Figure 3-5

Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-August 22, 2007

Revision Date: 14 December 2007

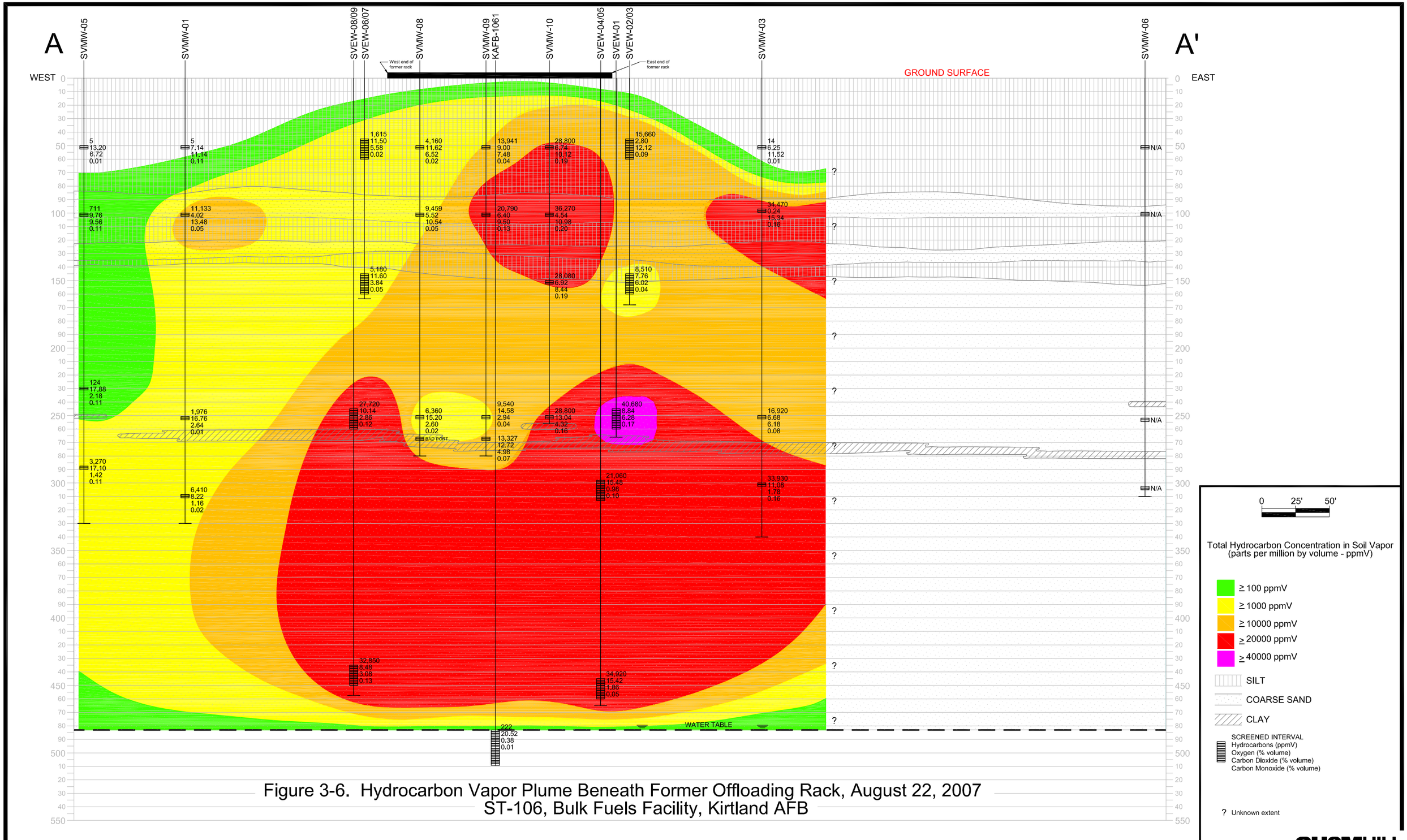
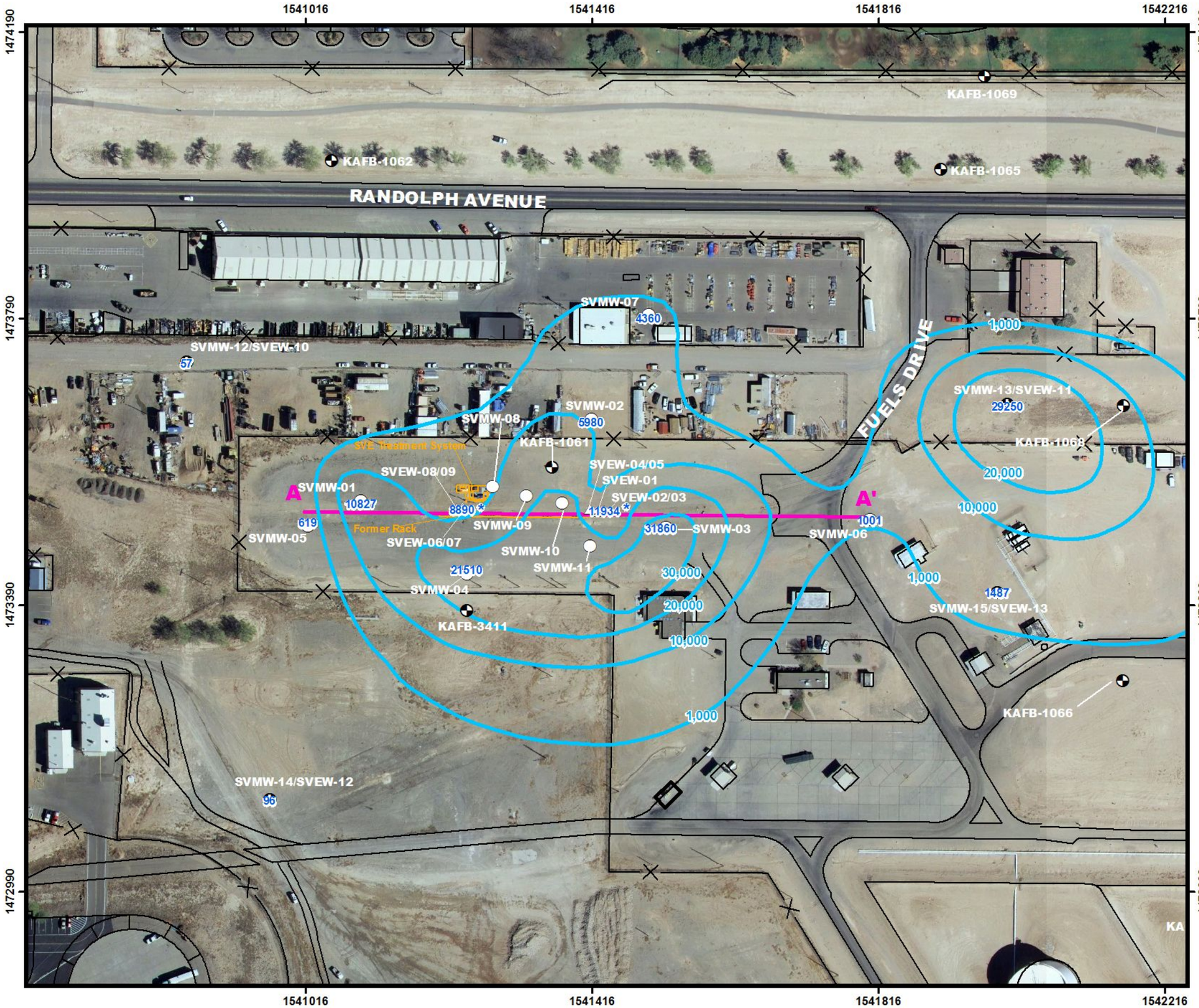
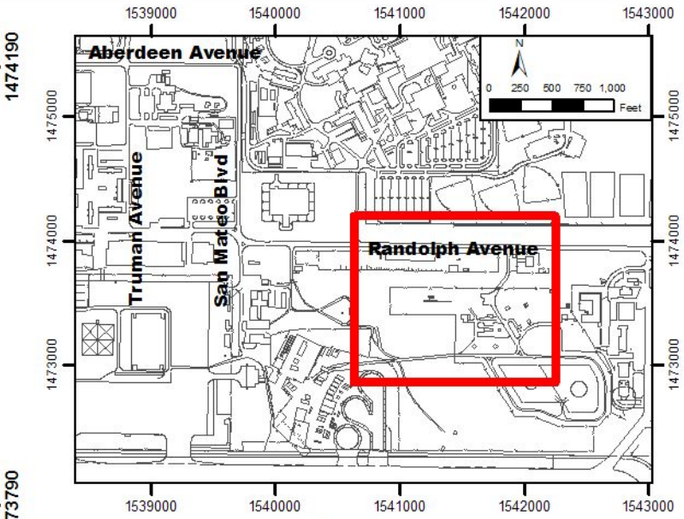


Figure 3-6. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, August 22, 2007
ST-106, Bulk Fuels Facility, Kirtland AFB

CH2MHILL





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 31,860 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'
- * Oct 2007 value shown

0 150 300 450 Feet

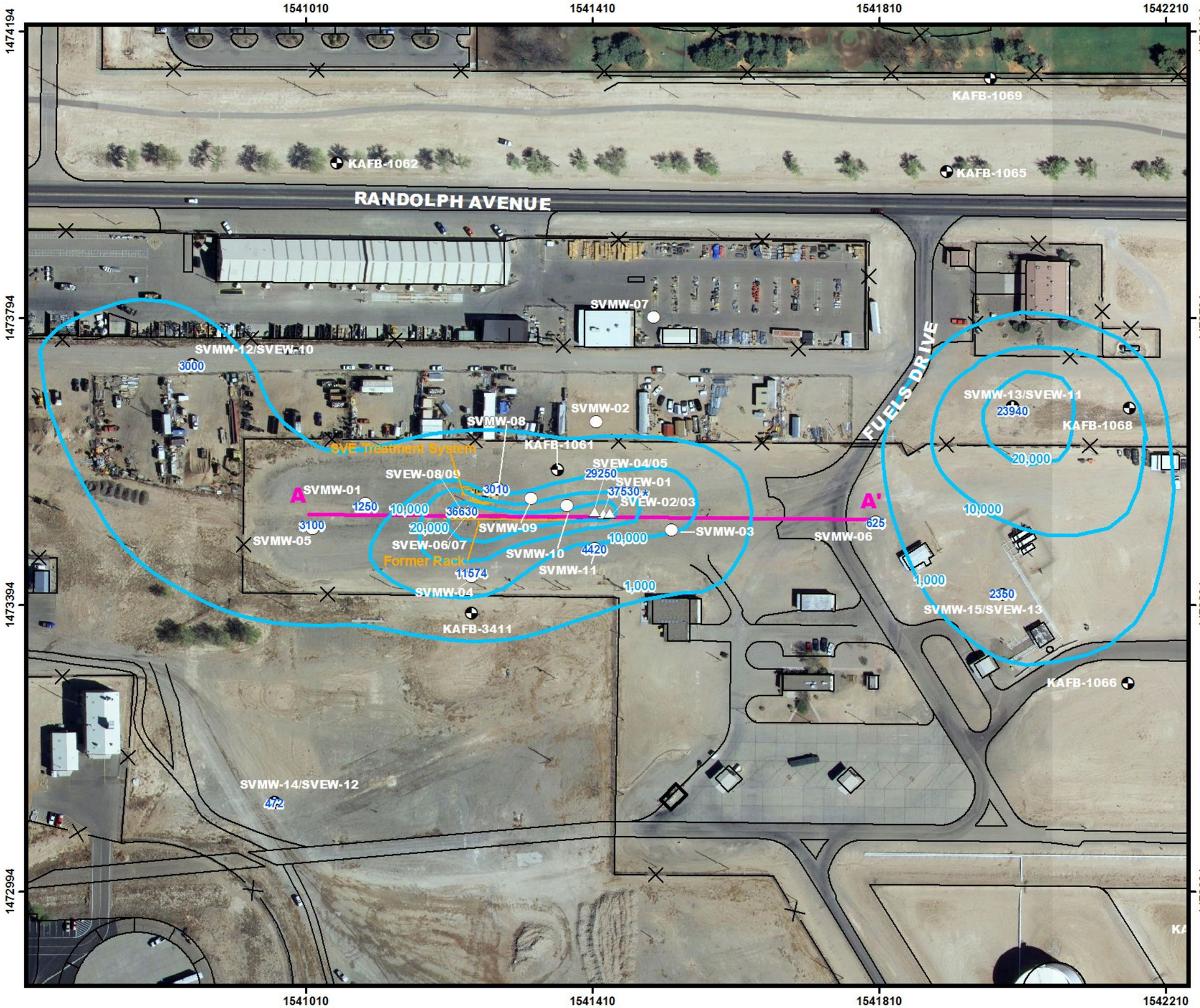
N

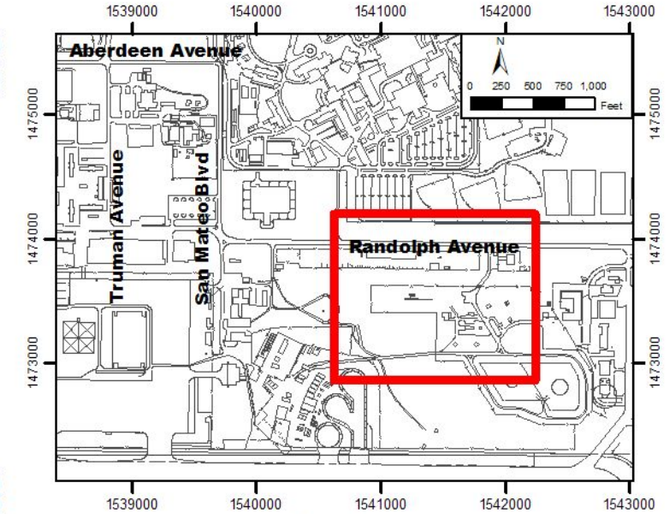
Semi-Annual Summary and Performance Report
October 2007 through March 2008
Bulk Fuels Facility

Figure 3-2

Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-November 28, 2007

Revision Date: 2 May 2008





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 29,250 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'
- * October 2007 value shown

0 150 300 450 Feet

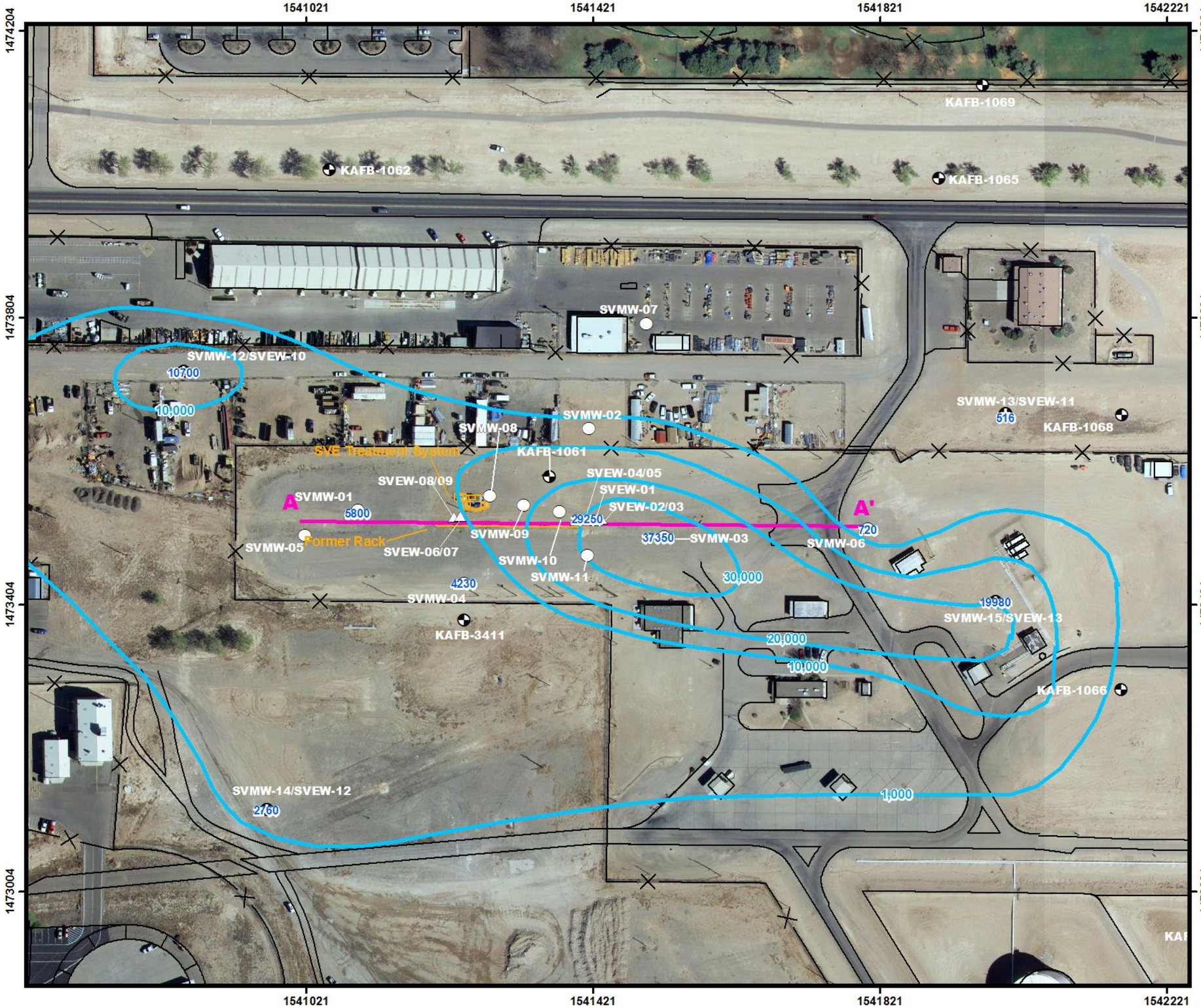
N

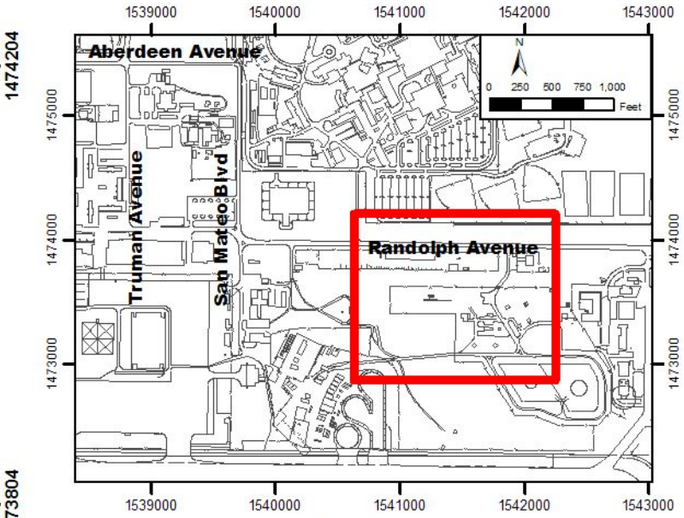
Semi-Annual Summary and Performance Report
October 2007 through March 2008
Bulk Fuels Facility

Figure 3-3

Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-November 28, 2007

Revision Date: 2 May 2008





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 37,350 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

0 150 300 450 Feet

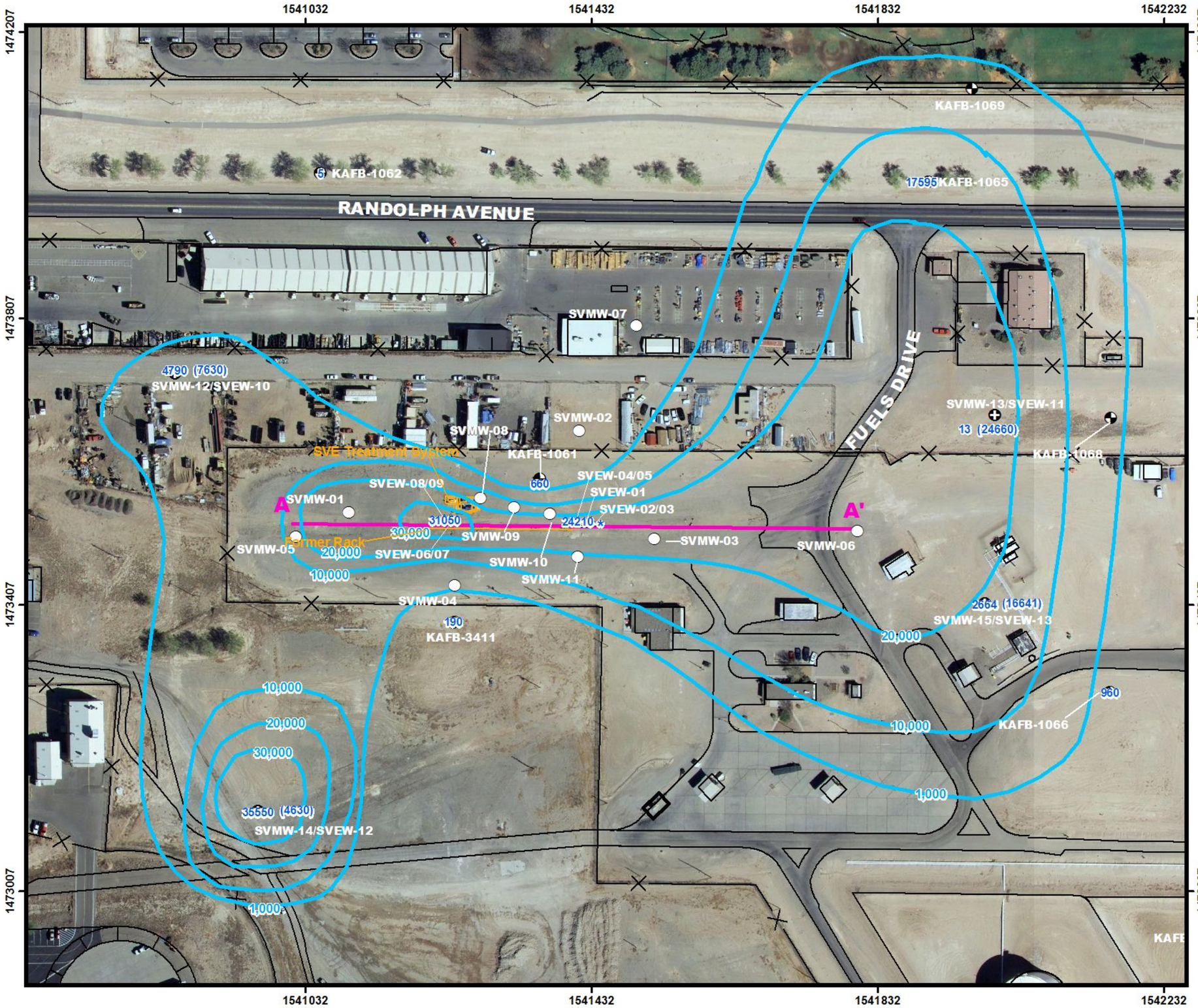
N

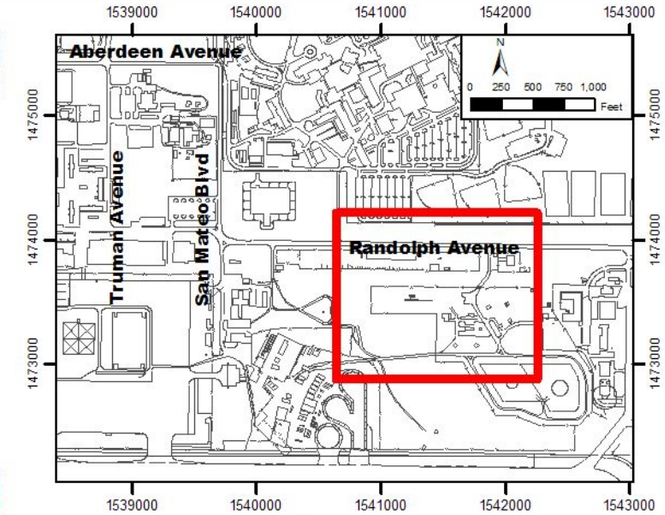
Semi-Annual Summary and Performance Report
October 2007 through March 2008
Bulk Fuels Facility

Figure 3-4

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-November 28, 2007

Revision Date: 2 May 2008





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 31,050 TPH Concentration in Soil Vapor (ppmV)
- (24,660) Values in parentheses from 400 ft extraction portion of distal vapor monitoring wells
- Cross-Section Line A-A'
- * Oct 2007 value shown

0 150 300 450 Feet

N

Semi-Annual Summary and Performance Report
October 2007 through March 2008
Bulk Fuels Facility

Figure 3-5

Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-November 28, 2007

Revision Date: 2 May 2008

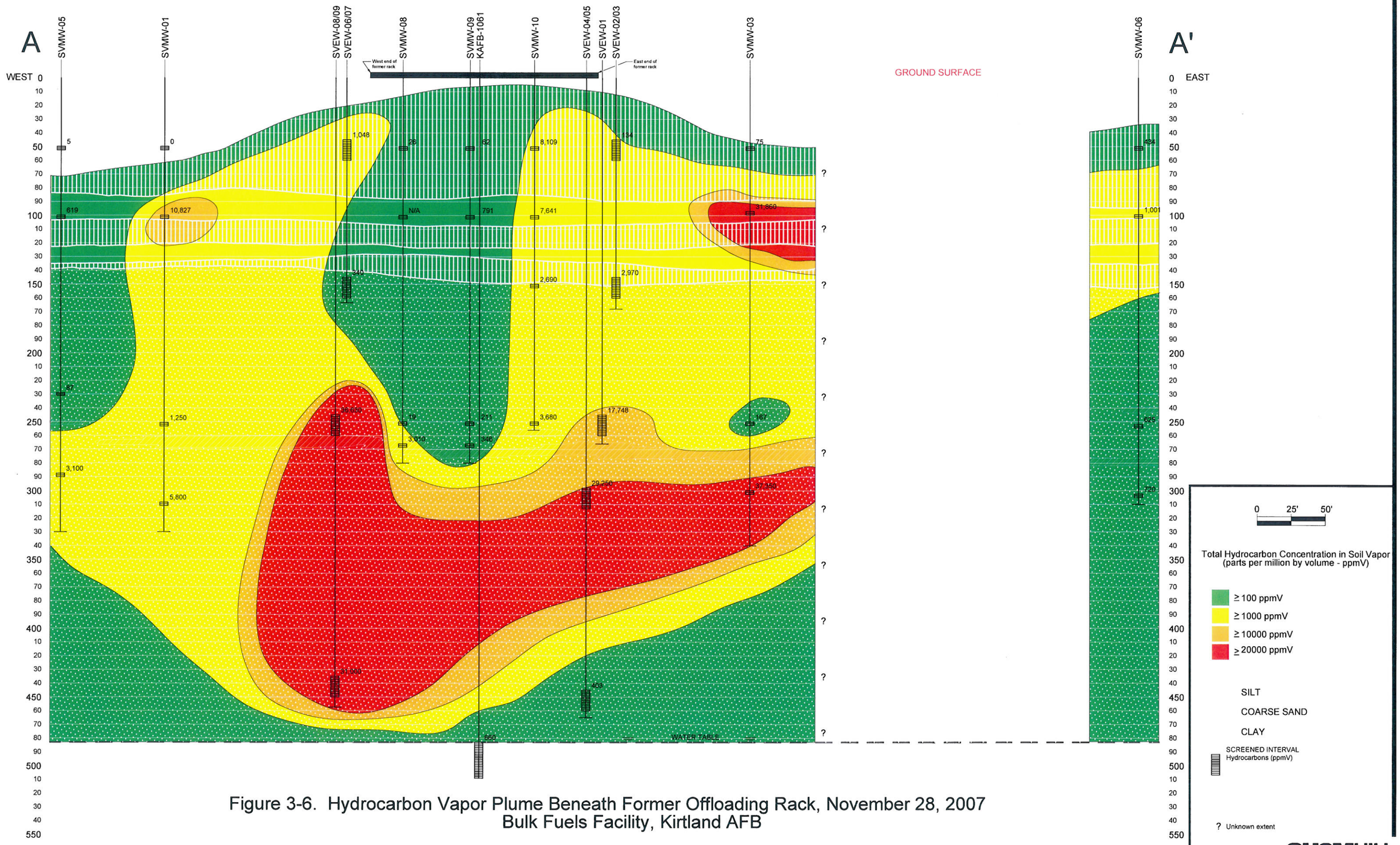
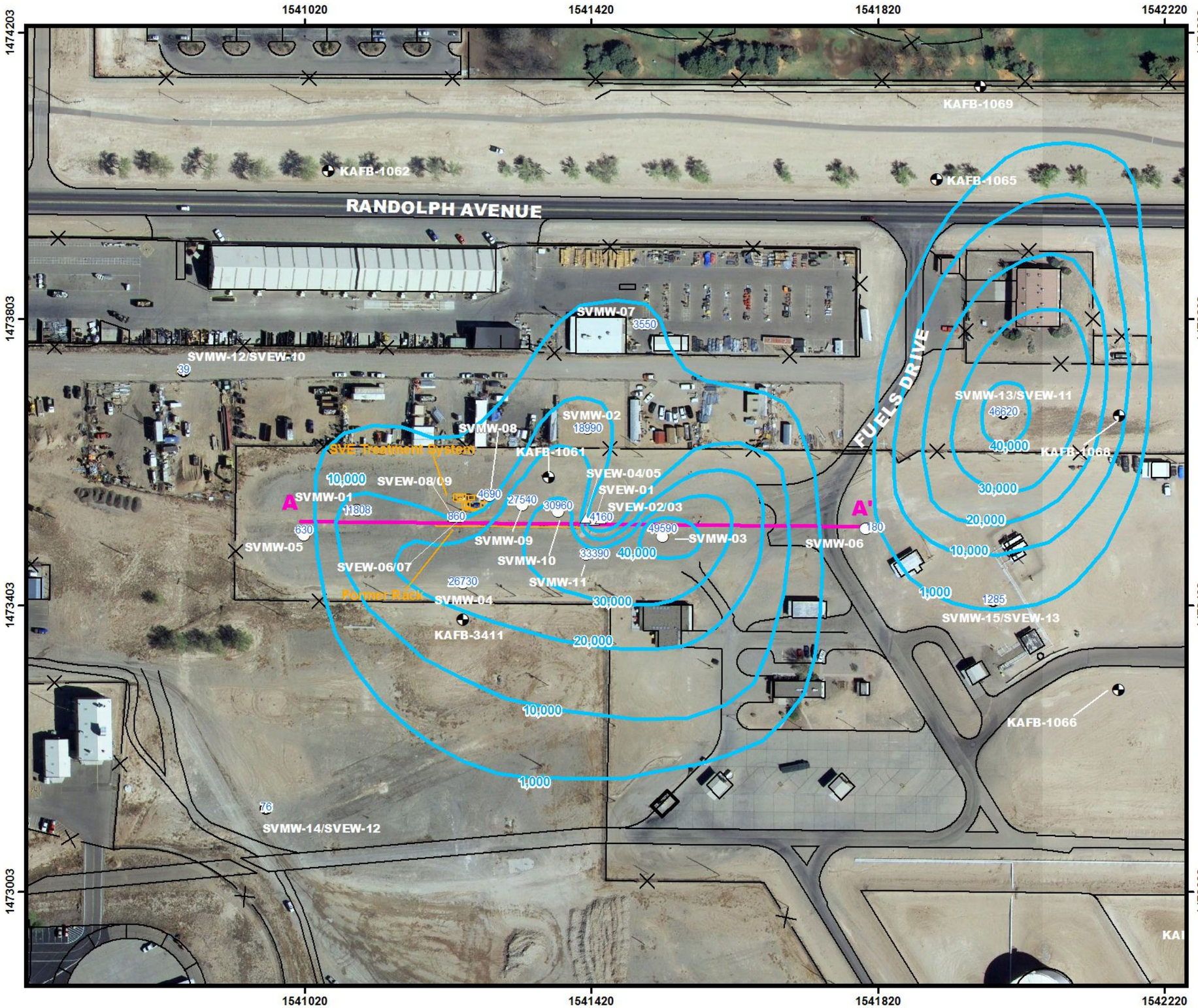
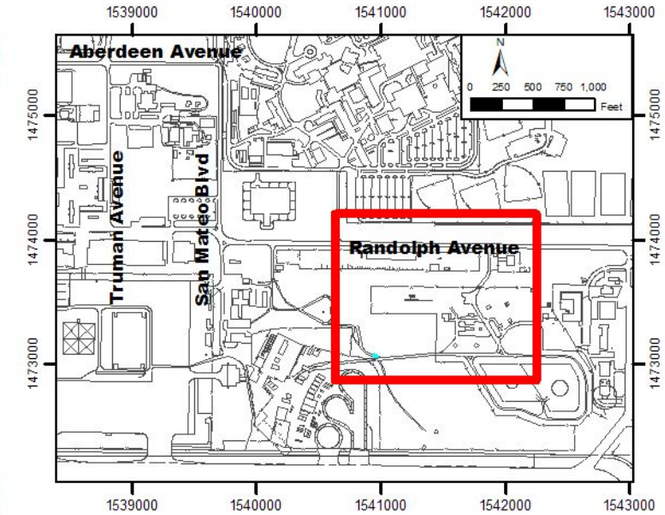


Figure 3-6. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, November 28, 2007
Bulk Fuels Facility, Kirtland AFB

CH2MHILL

Vapor Plume CROSS Sections.dwg





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 49,590 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

0 150 300 450 Feet

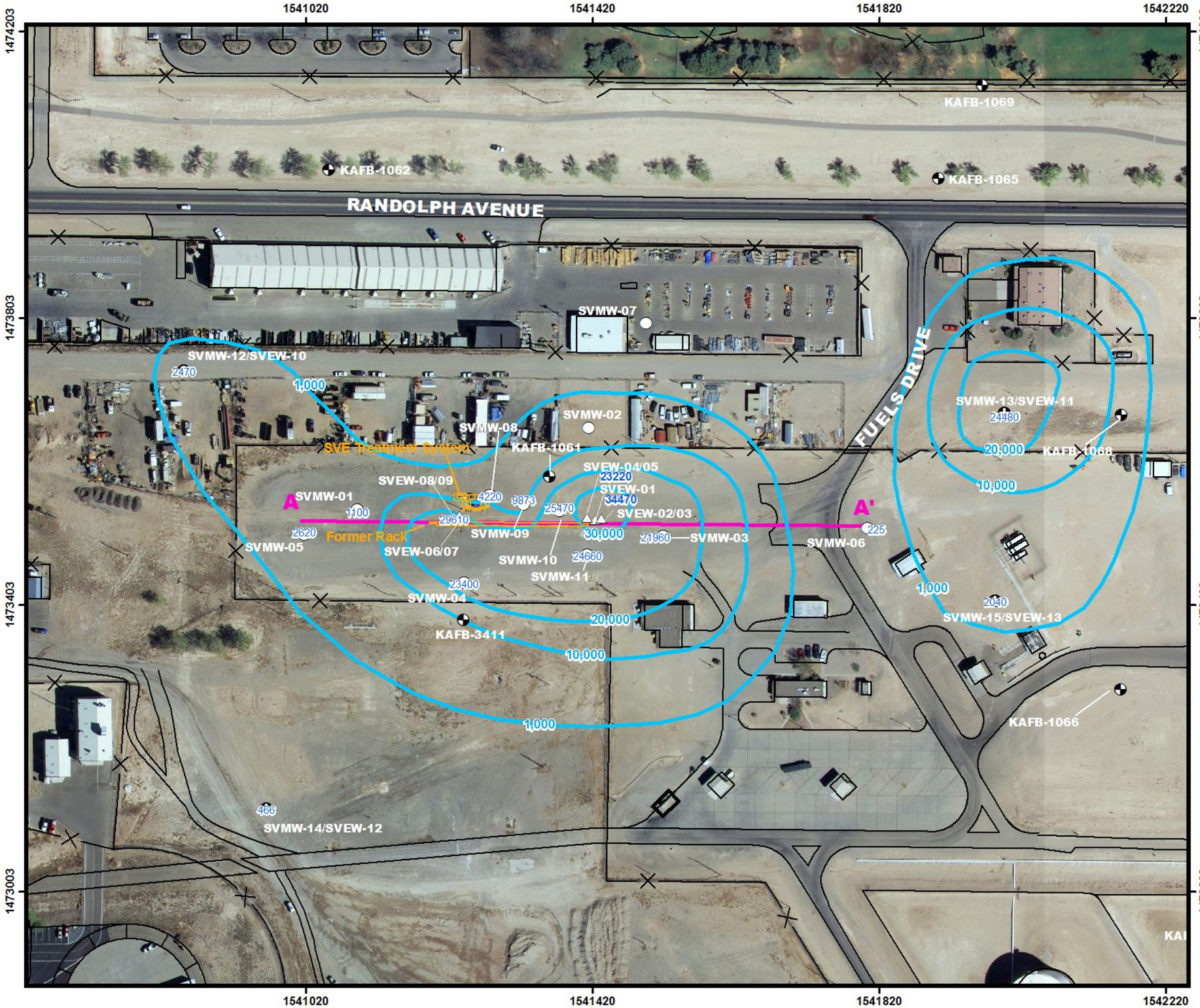
N

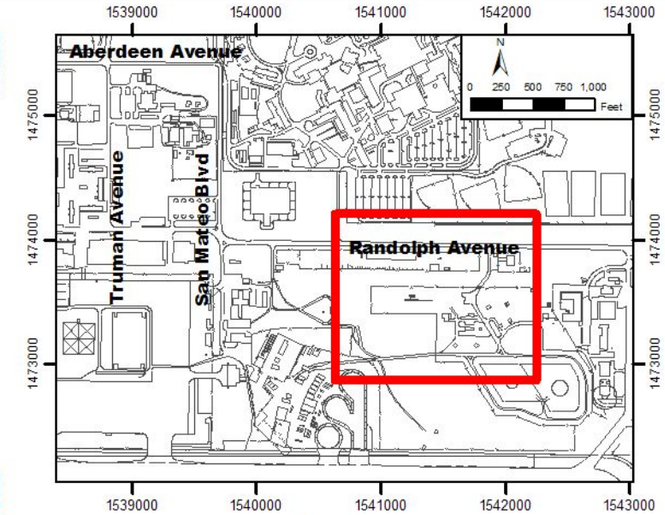
Semi-Annual Summary and Performance Report
October 2007 through March 2008
Bulk Fuels Facility

Figure 3-7

Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-March 6-7, 2008

Revision Date: 2 May 2008





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 34,470 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

0 150 300 450 Feet

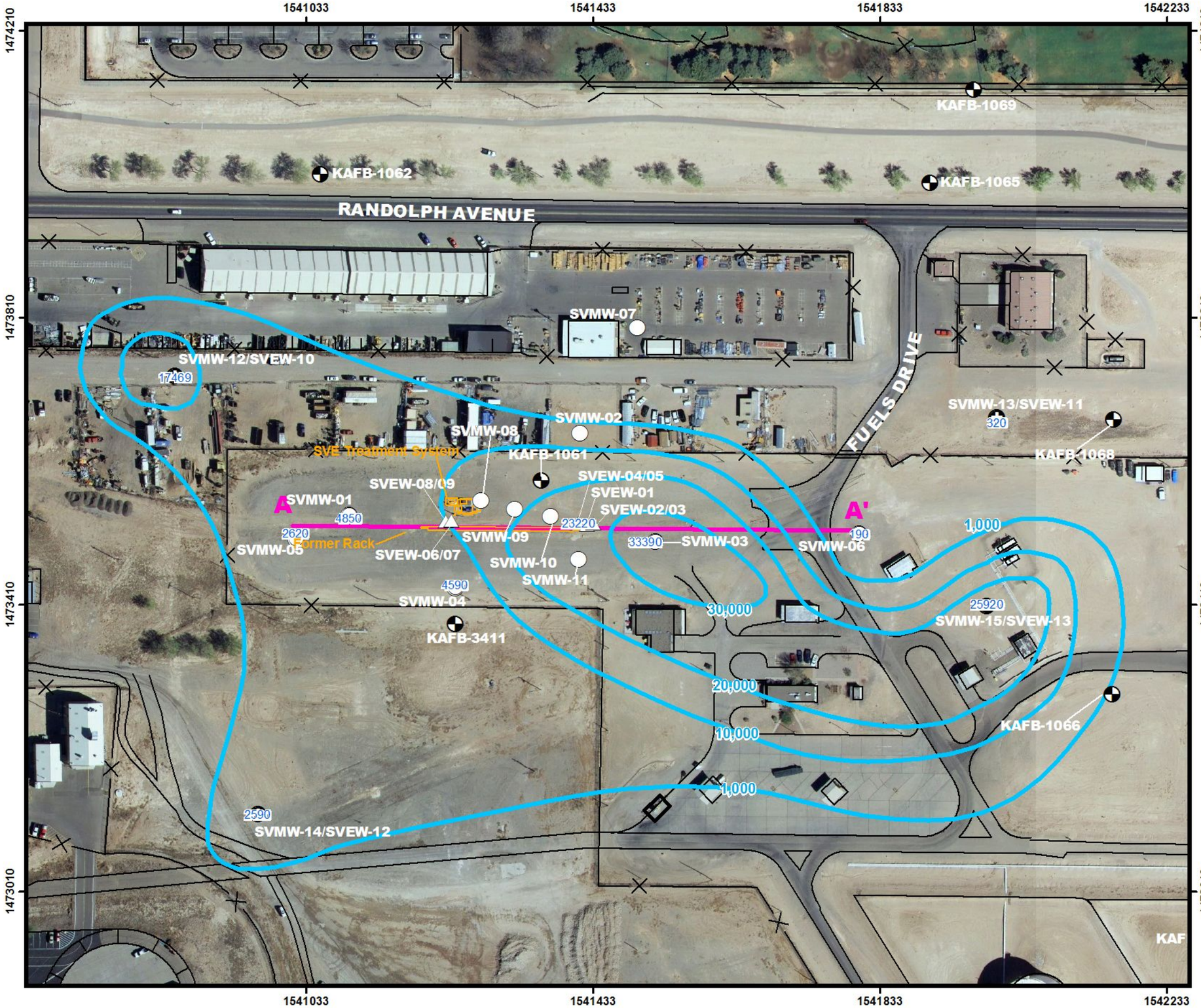
N

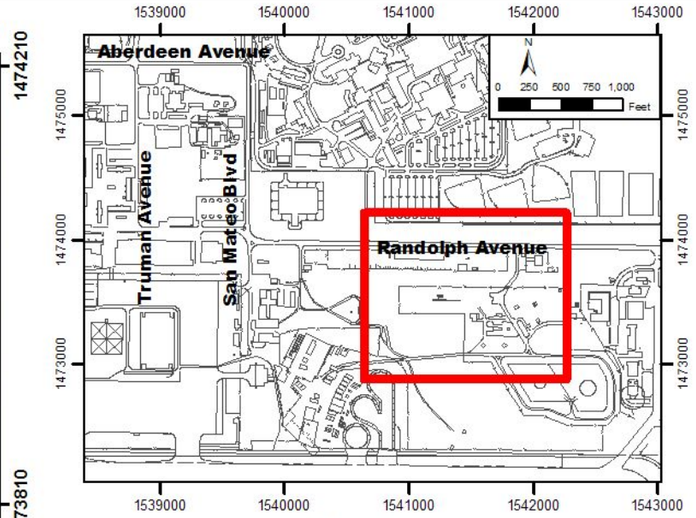
Semi-Annual Summary and Performance Report
October 2007 through March 2008
Bulk Fuels Facility

Figure 3-8

Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-March 6-7, 2008

Revision Date: 2 May 2008





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 33,390 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

0 150 300 450 Feet

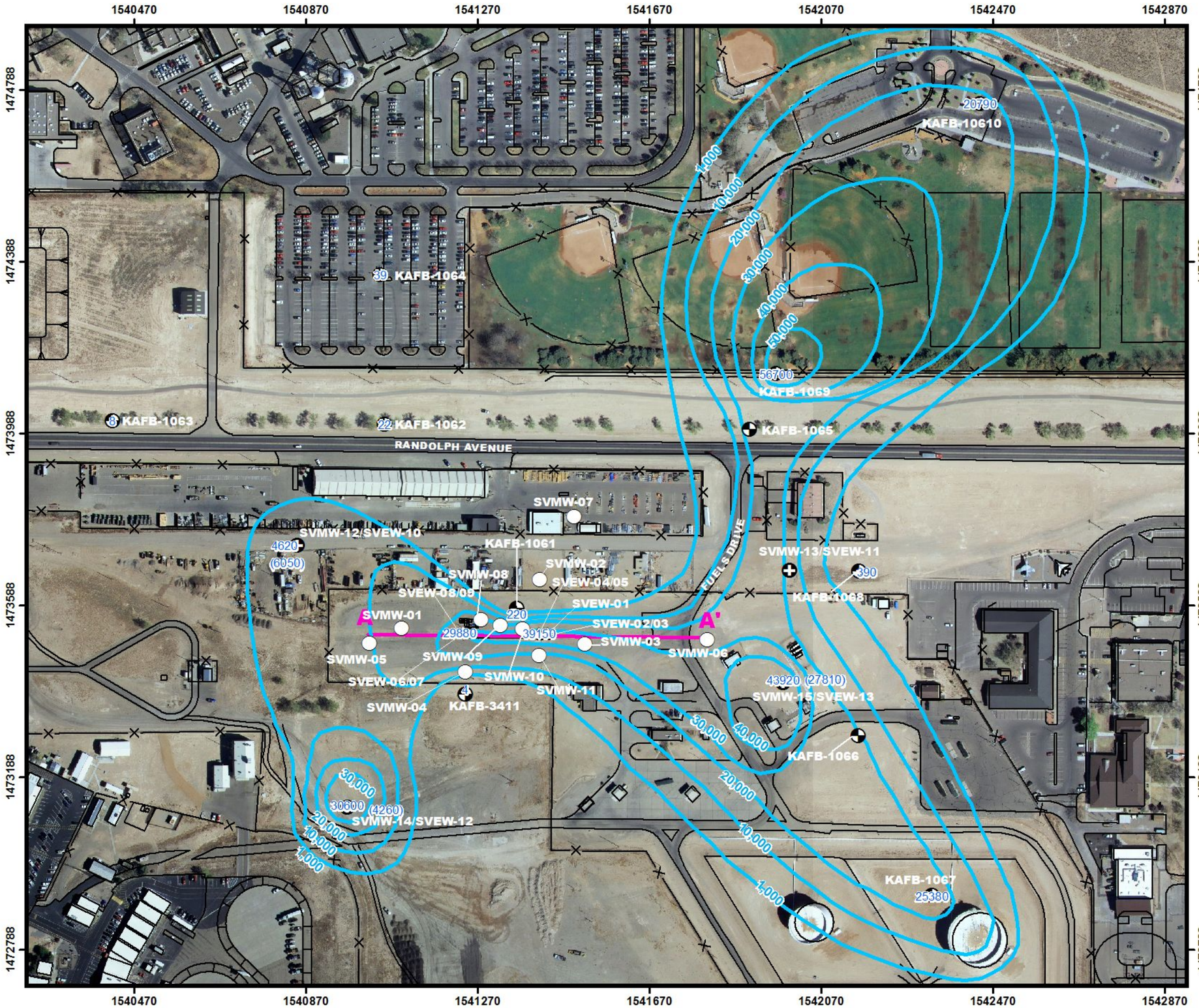
N

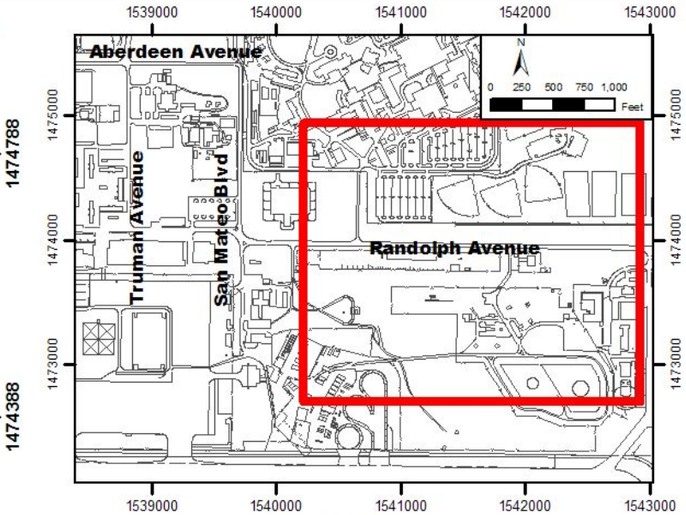
Semi-Annual Summary and Performance Report
October 2007 through March 2008
Bulk Fuels Facility

Figure 3-9

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-March 6-7, 2008

Revision Date: 2 May 2008





LEGEND

- Soil vapor extraction well
- Soil vapor monitoring well
- Distal soil vapor monitoring/extraction well
- Groundwater monitoring well
- 1541812 NM Central State Plane Feet, NAD 83
- Total petroleum hydrocarbons in soil vapor (ppmV)
- 43,920 TPH Concentration in Soil Vapor (ppmV)
- (27,810) Values in parentheses from 400 ft extraction portion of distal vapor monitoring wells
- Cross-Section Line A-A'

0 250 500 750 Feet

N

Semi-Annual Summary and Performance Report
October 2007 through March 2008
Bulk Fuels Facility

Figure 3-10

Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-March 6-7, 2008

Revision Date: 2 May 2008

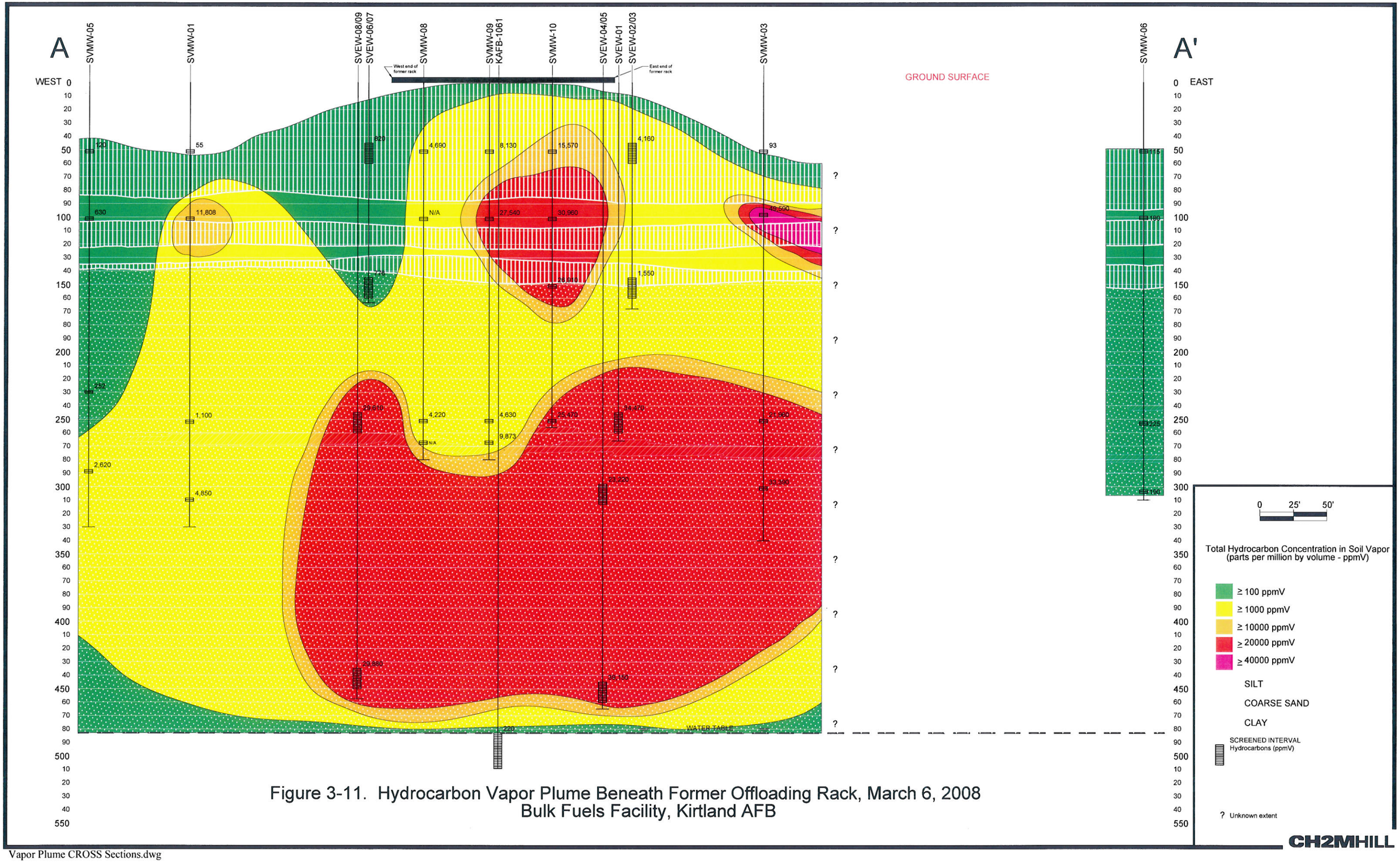


Figure 3-11. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, March 6, 2008
Bulk Fuels Facility, Kirtland AFB

Vapor Plume CROSS Sections.dwg

THIS PAGE INTENTIONALLY LEFT BLANK

APPENDIX B

Data Quality Evaluation Reports and Tables

Data Quality Evaluation Report for Soil Vapor Samples Collected October 21, 2008 and February 19, 2009

CONTENTS

Section **Page**

1.0 INTRODUCTION 1
1.1 Analytical Data 1
2.0 DATA VERIFICATION RESULTS 2
2.1 Completeness Evaluation 2
2.1.1 Sampling Completeness 2
2.1.2 Analytical Completeness 2
2.2 Representativeness Evaluation 2
2.2.1 Holding Time and Preservation 2
2.2.2 Method Blank Samples 2
2.3 Accuracy Evaluation 3
2.3.1 Calibration 3
2.3.2 Laboratory Control Spike Samples 4
2.3.3 Internal Standards 4
2.3.4 Surrogate Samples 4
2.4 Precision Evaluation 4
2.5 Comparability Evaluation 4
3.0 OVERALL ASSESSMENTS 5
REFERENCES 6

ATTACHMENT

Data Validation Tables

ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
CCV	continuing calibration verification
DQE	data quality evaluation
EPA	Environmental Protection Agency
LCS	laboratory control spike
NFG	National Functional Guidelines
PARCC	precision, accuracy, representativeness, comparability, and completeness
ppbv	parts per billion by volume
QAPP	quality assurance project plan
QC	quality control
RL	reporting limit
RPD	relative percent difference
µg/L	micrograms per liter
VOC	Volatile organic compounds

1.0 INTRODUCTION

This data quality evaluation (DQE) report presents the analytical results for shallow soil vapor samples collected from Bulk Fuels Facility (ST-106) at Kirtland Air Force Base (AFB), New Mexico. Soil vapor samples were collected October 21, 2008 and February 19, 2009. Guidance for this DQE report came from the *Kirtland AFB Quality Assurance Project Plan (QAPP) (*USAF, 2004), the *U.S. Environmental Protection Agency (EPA) Contract Laboratory National Functional Guidelines (NFG) for Organic Review* (EPA, 1999), and individual method requirements. The analytical results were evaluated using the criteria of precision, accuracy, representativeness, comparability, and completeness (PARCC) as defined in the QAPP.

1.1 Analytical Data

This DQE report covers 11 soil vapor samples. The samples were reported as three sample delivery groups identified as H3285, I1277 and I1278. The samples were collected and delivered to Applied Sciences Laboratory in Corvallis, Oregon. The samples were analyzed by one or more of the methods listed in Table 1. Due to the size of some tables, all tables are located at the end of this document.

The analytical results were assessed by reviewing the following: (1) the chain-of-custody documentation; (2) holding-time compliance; (3) calibration criteria; (4) method blank samples; (5) laboratory control spike samples (LCS); (6) surrogate spike recoveries; (7) internal standard recoveries; and (8) the required quality control (QC) samples at the specified frequencies.

Data flags were assigned according to the QAPP and the NFG. Multiple flags are routinely applied to specific sample method, matrix, and analyte combinations, but there will only be one final flag. A final flag is applied to the data and is the most conservative of the applied validation flags. The final flag also includes matrix and blank sample impacts.

The data flags are those listed in the QAPP and the NFG and are defined below:

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- R = The sample result was rejected due to serious deficiencies in the ability to analyze the sample and meet the QC criteria. The presence or absence of the analyte could not be verified.
- U = The analyte was analyzed for but was not detected above the reported sample quantitation limit.
- UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

A summary of the qualified data is presented in Table 2.

2.0 DATA VERIFICATION RESULTS

2.1 Completeness Evaluation

2.1.1 Sampling Completeness

Sampling completeness was assessed by reviewing the chain-of-custody documentation. Required procedures were followed and all acceptance criteria were met indicating sample completeness for this project was 100 percent.

2.1.2 Analytical Completeness

Analytical completeness was evaluated using the following equation:

$$\text{Completeness} = \frac{\text{Number of valid data points}}{\text{Total number of measurements}} \times 100$$

Where:

The number of valid data points is the total number of valid analytical measurements based on the precision, accuracy, and holding-time evaluation.

All samples were analyzed according to the QAPP. Based on the results of the data verification, all data are considered valid as qualified. The analytical completeness goal of 95 percent was met for the project. The analytical results are listed in Table 3.

2.2 Representativeness Evaluation

Representativeness is a qualitative expression of the degree to which sample data accurately and precisely represent a characteristic of a population, sampling point or an environmental condition. Representativeness is maximized by ensuring that the number and location of sampling points, sample collection and analysis methods are appropriate for the specific investigation and that the sampling and analysis program provides data that reflects “true” site conditions. The data were evaluated for representativeness by assessing the following: the use of standard methods and reporting units, sample preservation, holding-time compliance, and method blank results.

2.2.1 Holding Time and Preservation

Holding time is the length of time after sample collection to extraction and/or analysis. All sample analyses met holding-time requirements for this project.

The sample holding times for this project are listed in Table 4.

2.2.2 Method Blank Samples

A method blank contains all the target analytes of interest and is carried through the same analytical procedures as the environmental samples. Method blanks were analyzed at the required frequency and were free of contamination with the following exceptions:

Methylene chloride and 1,2,4-trichlorobenzene were detected at concentrations less than the reporting limit (RL) in several method blanks associated with method TO-14. The data were qualified as estimated non-detected results and flagged "U" when the associated sample concentrations were less than five times (ten times for methylene chloride) the concentrations detected in the blanks.

The TPH-Gasoline was detected at a concentration less than the RL in several method blanks associated with method SW8015M. The data were qualified as estimated non-detected results and flagged "U" when the associated sample concentrations were less than five times the concentration detected in the blanks.

Nitrogen was detected at a concentration less than the RL in one method blank associated with method SM2720C. The data were not qualified because the associated sample concentrations were greater than five times the concentration detected in the blank.

The results of the method blank analyses are presented in Table 5.

2.3 Accuracy Evaluation

Accuracy is a measure of the level of agreement between a measurement and a known true value. Accuracy is evaluated by percent recovery (%R), which is calculated using the following equation:

$$\%R = \frac{A-B}{C} \times 100$$

Where,

A = the measured concentration of the analyte in the spiked sample;
B = the measured concentration of the analyte in the unspiked sample; and
C = the concentration of the analyte used for spiking.

Accuracy was evaluated using initial and continuing calibration recoveries, LCS recoveries, internal standard recoveries and surrogate spike recoveries. The results of the laboratory control spikes are presented in Table 6.

2.3.1 Calibration

Initial and continuing calibration analyses were performed as required by the methods and met all acceptance criteria with the following exceptions:

The percent difference (%D) for bromomethane and methyl tert-butyl ether was greater than criteria in one continuing calibration verification standard (CCV) associated with method TO-14, indicating a possible high sample bias. Detected results were qualified as estimated and flagged "J" in the associated samples. Non-detected results were not qualified.

2.3.2 Laboratory Control Spike Samples

The LCSs were analyzed to assess accuracy in the absence of matrix effects. The LCSs met all accuracy criteria with the following exception:

Trichlorofluoromethane and 1,1-dichloroethene were recovered less than laboratory control limits in one LCS associated with method TO-14. The non-detected results were qualified as estimated and flagged "UJ" in the associated samples.

Laboratory control sample results are presented in Table 6.

2.3.3 Internal Standards

Internal standards were added to the methods requiring their use and all acceptance criteria were met.

2.3.4 Surrogate Samples

Surrogate samples were added to the methods requiring their use and all QC criteria were met.

2.4 Precision Evaluation

Precision measures the reproducibility of measurements under a given set of conditions and is expressed as relative percent difference (RPD):

$$RPD = \left(\frac{|A-B|}{[A+B]/2} \right) \times 100$$

Where,

A = the concentration of "parent" sample, and
B = the concentration of the "duplicate/replicate" sample.

Precision was not evaluated for this project.

2.5 Comparability Evaluation

Comparability is expressed as the confidence level in which one data set may be compared to another data set. Standardized methodology was used in the collection, analysis, and reporting of the data. Therefore, the data from this sampling event should be comparable to data collected previously at the site.

3.0 OVERALL ASSESSMENTS

Review of laboratory control data and field QC indicators were used to assess the PARCC of soil vapor samples collected by CH2M HILL at ST-106. The assessment concluded that the PARCC of the data are generally acceptable. Evaluation of the data was modeled after the *USEPA NFG for Organic Data Review* (EPA, 1999), the QAPP (USAF, 2004), and individual method requirements.

Precision of the data was not evaluated.

Accuracy of the data was verified through the review of calibration data, LCS samples, internal standards and surrogate spike data. Accuracy was generally acceptable with a few compounds being qualified as estimated due to calibration and/or LCS issues. Data users should consider the impact to any result that is qualified as estimated as it may contain a bias which could affect the decision making process.

Representativeness of the data was verified through the sample's collection, storage and preservation procedures, verification of holding-time compliance, and the evaluation of method blank data. The laboratory did not note any issues related to sample preservation or storage of the samples. All data were reported from analyses within the EPA recommended holding time. A few analytes were qualified as not detected due to blank contamination in several samples.

Comparability of the data was ensured through the use of standard EPA analytical procedures and standard units for reporting. Results obtained are comparable to industry standards in that collection and analytical techniques followed approved, documented procedures.

Completeness is a measure of the number of valid measurements obtained in relation to the total number of measurements planned. Completeness is expressed as the percentage of valid or usable measurements, compared to planned measurements. Valid data are defined as all data that are not rejected for project use. All data were considered valid as qualified. The completeness goal of 95 percent was met for all methods and analytes.

REFERENCES

EPA, 1996. *EPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846) 3rd ed. with updates.* U.S. Environmental Protection Agency.

EPA, 1999b. *Contract Laboratory Program National Functional Guidelines for Organic Data Review.* U.S. Environmental Protection Agency. EPA540/R-99/008. October.

USAF, 2004. *Kirtland AFB Quality Assurance Project Plan (QAPP)* U. S. Air Force, Kirtland Air Force Base, New Mexico.

ATTACHMENT

Data Validation Tables

Table 1. Summary of Analytical Parameters for Bulk Fuels Facility ST-106 Soil Vapor Samples

Parameter	Method	Laboratory
Volatile Organic Compounds	TO-14	Applied Sciences
Fixed Gases	SM2720C	Applied Sciences
TPH*-Gasoline	SW8015M	Applied Sciences
*TPH total petroleum hydrocarbons		

Table 2. Summary of Data Qualification for Bulk Fuels Facility ST-106 Soil Vapor Samples

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-AR-1065-INLET-21102008	TO-14	Trichlorofluoromethane	PPBV	2390.71	UJ	LCS<LCL
ST106-AR-1065-INLET-21102008	TO-14	1,1-Dichloroethene	PPBV	1659.09	UJ	LCS<LCL
ST106-AR-POSTCATE2-21102008	TO-14	Trichlorofluoromethane	PPBV	0.7	UJ	LCS<LCL
ST106-AR-POSTCATE2-21102008	TO-14	1,2,4-Trichlorobenzene	PPBV	0.96	U	LB<RL
ST106-AR-POSTCATE2-21102008	TO-14	Bromomethane	PPBV	2.69	J	CCV>UCL
ST106-AR-POSTCATE2-21102008	TO-14	1,1-Dichloroethene	PPBV	0.49	UJ	LCS<LCL
ST106-AR-1065-E1POST-21102008	TO-14	1,2,4-Trichlorobenzene	PPBV	29.1	U	LB<RL
ST106-AR-1065-E1POST-21102008	TO-14	Methyl tert-Butyl Ether (MTBE)	PPBV	10.4	J	CCV>UCL
ST106-AR-POSTCATE2-21102008	SW8015M	TPH-Gasoline	µg/L	14.7	U	LB<RL
ST106-AR-1065POSTE2-19022009	TO-14	Methylene chloride	PPBV	145	U	LB<RL
ST106-AR-1065INLET-19022009	TO-14	Methylene chloride	PPBV	9085	U	LB<RL
ST106-AR-1065POSTE1-19022009	TO-14	Methylene chloride	PPBV	71.6	U	LB<RL
ST106-AR-106INLET-19022009	TO-14	Methylene chloride	PPBV	6880	U	LB<RL
ST106-AR-106POSTE2-19022009	TO-14	Methylene chloride	PPBV	27.3	U	LB<RL
ST106-AR-106POSTE1-19022009	TO-14	Methylene chloride	PPBV	30.5	U	LB<RL

CCV>UCL	The continuing calibration verification recovery was greater than method criteria.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
LB<RL	The analyte was detected in the method blank at a concentration less than the reporting limit.
LCS<LCL	The laboratory control sample was recovered less than control limits.
µg/L	microgram per liter
ppbv	parts per billion volume
U	The analyte was analyzed for but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
A2720C								
	ST106-AR-1065-E1POST-21102008	AIR	N	Carbon Dioxide	10.6	0.09	1.1	PERCENT
	ST106-AR-1065-E1POST-21102008	AIR	N	Carbon Monoxide	0.09 U	0.09	1.1	PERCENT
	ST106-AR-1065-E1POST-21102008	AIR	N	Methane	0.09 U	0.09	1.1	PERCENT
	ST106-AR-1065-E1POST-21102008	AIR	N	Oxygen	4.7	0.11	1.3	PERCENT
	ST106-AR-1065-E1POST-21102008	AIR	N	Total Kjeldahl Nitrogen	83.9	0.2	2.1	PERCENT
	ST106-AR-1065-E2POST-21102008	AIR	N	Carbon Dioxide	6.9	0.09	1.1	PERCENT
	ST106-AR-1065-E2POST-21102008	AIR	N	Carbon Monoxide	0.09 U	0.09	1.1	PERCENT
	ST106-AR-1065-E2POST-21102008	AIR	N	Methane	0.09 U	0.09	1.1	PERCENT
	ST106-AR-1065-E2POST-21102008	AIR	N	Oxygen	10.8	0.1	1.3	PERCENT
	ST106-AR-1065-E2POST-21102008	AIR	N	Total Kjeldahl Nitrogen	83.3	0.19	2.1	PERCENT
	ST106-AR-1065INLET-19022009	AIR	N	Carbon Dioxide	2.38	0.09	1	PERCENT
	ST106-AR-1065INLET-19022009	AIR	N	Carbon Monoxide	0.09 U	0.09	1	PERCENT
	ST106-AR-1065INLET-19022009	AIR	N	Methane	0.09 U	0.09	1	PERCENT
	ST106-AR-1065INLET-19022009	AIR	N	Oxygen	11.1	0.1	1.2	PERCENT
	ST106-AR-1065INLET-19022009	AIR	N	Total Kjeldahl Nitrogen	76.2	0.19	2.1	PERCENT
	ST106-AR-1065-INLET-21102008	AIR	N	Carbon Dioxide	3.03	0.1	1.1	PERCENT
	ST106-AR-1065-INLET-21102008	AIR	N	Carbon Monoxide	0.09 U	0.09	1.1	PERCENT
	ST106-AR-1065-INLET-21102008	AIR	N	Methane	0.09 U	0.09	1.1	PERCENT
	ST106-AR-1065-INLET-21102008	AIR	N	Oxygen	8.59	0.11	1.3	PERCENT
	ST106-AR-1065-INLET-21102008	AIR	N	Total Kjeldahl Nitrogen	85.2	0.2	2.2	PERCENT
	ST106-AR-1065POSTE1-19022009	AIR	N	Carbon Dioxide	9.79	0.09	1	PERCENT
	ST106-AR-1065POSTE1-19022009	AIR	N	Carbon Monoxide	0.08 U	0.08	1	PERCENT
	ST106-AR-1065POSTE1-19022009	AIR	N	Methane	0.08 U	0.08	1	PERCENT

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
A2720C								
	ST106-AR-1065POSTE1-19022009	AIR	N	Oxygen	2.72	0.1	1.2	PERCENT
	ST106-AR-1065POSTE1-19022009	AIR	N	Total Kjeldahl Nitrogen	74.2	0.18	2	PERCENT
	ST106-AR-1065POSTE2-19022009	AIR	N	Carbon Dioxide	8.75	0.09	1	PERCENT
	ST106-AR-1065POSTE2-19022009	AIR	N	Carbon Monoxide	0.08 U	0.08	1	PERCENT
	ST106-AR-1065POSTE2-19022009	AIR	N	Methane	0.08 U	0.08	1	PERCENT
	ST106-AR-1065POSTE2-19022009	AIR	N	Oxygen	4.48	0.1	1.2	PERCENT
	ST106-AR-1065POSTE2-19022009	AIR	N	Total Kjeldahl Nitrogen	74.4	0.18	1.9	PERCENT
	ST106-AR-106INLET-19022009	AIR	N	Carbon Dioxide	1.2	0.09	1.1	PERCENT
	ST106-AR-106INLET-19022009	AIR	N	Carbon Monoxide	0.09 U	0.09	1.1	PERCENT
	ST106-AR-106INLET-19022009	AIR	N	Methane	0.09 U	0.09	1.1	PERCENT
	ST106-AR-106INLET-19022009	AIR	N	Oxygen	16	0.11	1.3	PERCENT
	ST106-AR-106INLET-19022009	AIR	N	Total Kjeldahl Nitrogen	72.5	0.19	2.1	PERCENT
	ST106-AR-106POSTE1-19022009	AIR	N	Carbon Dioxide	8.84	0.09	1	PERCENT
	ST106-AR-106POSTE1-19022009	AIR	N	Carbon Monoxide	0.08 U	0.08	1	PERCENT
	ST106-AR-106POSTE1-19022009	AIR	N	Methane	0.08 U	0.08	1	PERCENT
	ST106-AR-106POSTE1-19022009	AIR	N	Oxygen	5.52	0.1	1.2	PERCENT
	ST106-AR-106POSTE1-19022009	AIR	N	Total Kjeldahl Nitrogen	74	0.18	2	PERCENT
	ST106-AR-106POSTE2-19022009	AIR	N	Carbon Dioxide	10.1	0.1	1.1	PERCENT
	ST106-AR-106POSTE2-19022009	AIR	N	Carbon Monoxide	0.09 U	0.09	1.1	PERCENT
	ST106-AR-106POSTE2-19022009	AIR	N	Methane	0.09 U	0.09	1.1	PERCENT
	ST106-AR-106POSTE2-19022009	AIR	N	Oxygen	4.24	0.11	1.3	PERCENT
	ST106-AR-106POSTE2-19022009	AIR	N	Total Kjeldahl Nitrogen	76.6	0.2	2.2	PERCENT
	ST106-AR-INLET-21102008	AIR	N	Carbon Dioxide	0.8 J	0.09	1	PERCENT

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
A2720C								
	ST106-AR-INLET-21102008	AIR	N	Carbon Monoxide	0.09 U	0.09	1	PERCENT
	ST106-AR-INLET-21102008	AIR	N	Methane	0.09 U	0.09	1	PERCENT
	ST106-AR-INLET-21102008	AIR	N	Oxygen	17	0.1	1.2	PERCENT
	ST106-AR-INLET-21102008	AIR	N	Total Kjeldahl Nitrogen	81.2	0.19	2.1	PERCENT
	ST106-AR-POSTCATE2-21102008	AIR	N	Carbon Dioxide	10.5	0.09	1	PERCENT
	ST106-AR-POSTCATE2-21102008	AIR	N	Carbon Monoxide	0.09 U	0.09	1	PERCENT
	ST106-AR-POSTCATE2-21102008	AIR	N	Methane	0.08 U	0.08	1	PERCENT
	ST106-AR-POSTCATE2-21102008	AIR	N	Oxygen	7.15	0.1	1.2	PERCENT
	ST106-AR-POSTCATE2-21102008	AIR	N	Total Kjeldahl Nitrogen	88.3	0.19	2	PERCENT
SW8015M								
	ST106-AR-1065-E1POST-21102008	AIR	N	TPH-Gasoline	488	1.9	54	UG/L
	ST106-AR-1065-E2POST-21102008	AIR	N	TPH-Gasoline	141	1.8	53	UG/L
	ST106-AR-1065INLET-19022009	AIR	N	TPH-Gasoline	75300	118.7	3433	UG/L
	ST106-AR-1065-INLET-21102008	AIR	N	TPH-Gasoline	215000	1884.6	54500	UG/L
	ST106-AR-1065POSTE1-19022009	AIR	N	TPH-Gasoline	843	1.7	49	UG/L
	ST106-AR-1065POSTE2-19022009	AIR	N	TPH-Gasoline	1230	1.7	48	UG/L
	ST106-AR-106INLET-19022009	AIR	N	TPH-Gasoline	32100	73	2110	UG/L
	ST106-AR-106POSTE1-19022009	AIR	N	TPH-Gasoline	284	1.7	50	UG/L
	ST106-AR-106POSTE2-19022009	AIR	N	TPH-Gasoline	309	1.9	55	UG/L
	ST106-AR-INLET-21102008	AIR	N	TPH-Gasoline	73900	40.9	1183	UG/L
	ST106-AR-POSTCATE2-21102008	AIR	N	TPH-Gasoline	14.7 U	1.7	51	UG/L
TO-14								
	ST106-AR-1065-E1POST-21102008	AIR	N	1,1,1-Trichloroethane	10.26 U	10.26	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,1,2,2-Tetrachloroethane	13.66 U	13.66	84.5	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-1065-E1POST-21102008	AIR	N	1,1,2-Trichloroethane	21.29 U	21.29	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,1-Dichloroethane	9.78 U	9.78	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,1-Dichloroethene	8.17 U	8.17	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,2,4-Trichlorobenzene	29.1 U	10.36	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,2,4-Trimethylbenzene	325	11.31	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,2-Dibromoethane	17.93 U	17.93	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	8.59 U	8.59	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,2-Dichlorobenzene	11.72 U	11.72	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,2-Dichloroethane	10.1 U	10.1	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,2-Dichloropropane	15.7 U	15.7	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,3,5-Trimethylbenzene	145	11.35	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,3-Dichlorobenzene	11.96 U	11.96	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	1,4-Dichlorobenzene	9.28 U	9.28	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	2-Butanone	7.73 U	7.73	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Acetone	230	17.64	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Benzene	3250	6.83	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Bromomethane	10.5 J	9.54	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Carbon tetrachloride	8.59 U	8.59	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Chlorobenzene	11.04 U	11.04	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Chloroethane	9.12 U	9.12	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Chloroform	8.51 U	8.51	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Chloromethane	9.43 U	9.43	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	cis-1,2-Dichloroethene	9.03 U	9.03	84.5	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-1065-E1POST-21102008	AIR	N	cis-1,3-Dichloropropene	15.91 U	15.91	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Dichlorodifluoromethane	9.05 U	9.05	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Ethylbenzene	530	7.64	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Hexachlorobutadiene	12.59 U	12.59	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	m,p-Xylene	1390	20.98	168.9	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Methyl tert-butyl ether (MTBE)	10.4 J	7.33	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Methylene chloride	33.1 J	11.96	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	o-Xylene	510	9.42	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Styrene	17.5 J	10.38	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Tetrachloroethene	19.43 U	19.43	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Toluene	2830	17.18	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	trans-1,3-Dichloropropene	19.17 U	19.17	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Trichloroethene	16.34 U	16.34	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Trichlorofluoromethane	11.78 U	11.78	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Trichlorotrifluoroethane	7.77 U	7.77	84.5	PPBV
	ST106-AR-1065-E1POST-21102008	AIR	N	Vinyl Chloride	9.31 U	9.31	84.5	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,1,1-Trichloroethane	2.55 U	2.55	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,1,2,2-Tetrachloroethane	3.4 U	3.4	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,1,2-Trichloroethane	5.29 U	5.29	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,1-Dichloroethane	2.43 U	2.43	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,1-Dichloroethene	2.03 U	2.03	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,2,4-Trichlorobenzene	2.58 U	2.58	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,2,4-Trimethylbenzene	2.81 U	2.81	21	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-1065-E2POST-21102008	AIR	N	1,2-Dibromoethane	4.46 U	4.46	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.14 U	2.14	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,2-Dichlorobenzene	2.91 U	2.91	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,2-Dichloroethane	2.51 U	2.51	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,2-Dichloropropane	3.9 U	3.9	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,3,5-Trimethylbenzene	2.82 U	2.82	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,3-Dichlorobenzene	2.97 U	2.97	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	1,4-Dichlorobenzene	2.31 U	2.31	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	2-Butanone	6.42 J	1.92	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Acetone	51.5	4.38	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Benzene	850	1.7	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Bromomethane	2.59 J	2.37	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Carbon tetrachloride	2.14 U	2.14	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Chlorobenzene	2.74 U	2.74	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Chloroethane	2.27 U	2.27	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Chloroform	2.12 U	2.12	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Chloromethane	2.34 U	2.34	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	cis-1,2-Dichloroethene	2.24 U	2.24	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	cis-1,3-Dichloropropene	3.95 U	3.95	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Dichlorodifluoromethane	2.25 U	2.25	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Ethylbenzene	1.9 U	1.9	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Hexachlorobutadiene	3.13 U	3.13	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	m,p-Xylene	5.22 U	5.22	42	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-1065-E2POST-21102008	AIR	N	Methyl tert-butyl ether (MTBE)	1.82 U	1.82	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Methylene chloride	4.64 J	2.97	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	o-Xylene	2.34 U	2.34	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Styrene	2.58 U	2.58	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Tetrachloroethene	4.83 U	4.83	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Toluene	11.5 J	4.27	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	trans-1,3-Dichloropropene	4.77 U	4.77	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Trichloroethene	4.06 U	4.06	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Trichlorofluoromethane	2.93 U	2.93	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Trichlorotrifluoroethane	1.93 U	1.93	21	PPBV
	ST106-AR-1065-E2POST-21102008	AIR	N	Vinyl Chloride	2.31 U	2.31	21	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,1,1-Trichloroethane	1103.83 U	1103.83	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,1,2,2-Tetrachloroethane	1469.04 U	1469.04	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,1,2-Trichloroethane	2289.42 U	2289.42	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,1-Dichloroethane	1052.04 U	1052.04	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,1-Dichloroethene	878.88 U	878.88	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,2,4-Trichlorobenzene	1114.73 U	1114.73	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,2,4-Trimethylbenzene	7310 J	1216.48	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,2-Dibromoethane	1928.75 U	1928.75	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	923.94 U	923.94	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,2-Dichlorobenzene	1260.09 U	1260.09	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,2-Dichloroethane	2820 J	1086.57	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,2-Dichloropropane	1688.9 U	1688.9	9085	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-1065INLET-19022009	AIR	N	1,3,5-Trimethylbenzene	4150 J	1221.02	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,3-Dichlorobenzene	1286.44 U	1286.44	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	1,4-Dichlorobenzene	998.44 U	998.44	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	2-Butanone	831.19 U	831.19	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Acetone	1896.95 U	1896.95	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Benzene	490000	734.7	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Bromomethane	1025.7 U	1025.7	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Carbon tetrachloride	923.94 U	923.94	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Chlorobenzene	1187.41 U	1187.41	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Chloroethane	981.18 U	981.18	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Chloroform	915.77 U	915.77	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Chloromethane	1013.89 U	1013.89	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	cis-1,2-Dichloroethene	971.19 U	971.19	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	cis-1,3-Dichloropropene	1710.71 U	1710.71	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Dichlorodifluoromethane	973 U	973	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Ethylbenzene	42500	821.83	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Hexachlorobutadiene	1353.67 U	1353.67	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	m,p-Xylene	120000	2256.71	18170	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Methyl tert-butyl ether (MTBE)	788.12 U	788.12	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Methylene chloride	9085 U	1286.44	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	o-Xylene	34900	1012.98	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Styrene	1116.55 U	1116.55	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Tetrachloroethene	2089.55 U	2089.55	9085	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-1065INLET-19022009	AIR	N	Toluene	704000	1847.89	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	trans-1,3-Dichloropropene	2062.3 U	2062.3	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Trichloroethene	1757.95 U	1757.95	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Trichlorofluoromethane	1266.45 U	1266.45	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Trichlorotrifluoroethane	836.09 U	836.09	9085	PPBV
	ST106-AR-1065INLET-19022009	AIR	N	Vinyl Chloride	1001.17 U	1001.17	9085	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,1,1-Trichloroethane	2083.73 U	2083.73	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,1,2,2-Tetrachloroethane	2773.16 U	2773.16	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,1,2-Trichloroethane	4321.8 U	4321.8	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,1-Dichloroethane	1985.97 U	1985.97	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,1-Dichloroethene	1659.09 UJ	1659.09	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,2,4-Trichlorobenzene	2104.31 U	2104.31	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,2,4-Trimethylbenzene	15300 J	2296.39	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,2-Dibromoethane	3640.95 U	3640.95	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	1744.16 U	1744.16	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,2-Dichlorobenzene	2378.71 U	2378.71	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,2-Dichloroethane	4070 J	2051.14	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,2-Dichloropropane	3188.19 U	3188.19	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,3,5-Trimethylbenzene	9220 J	2304.96	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,3-Dichlorobenzene	2428.44 U	2428.44	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	1,4-Dichlorobenzene	1884.79 U	1884.79	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	2-Butanone	1569.05 U	1569.05	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Acetone	3580.92 U	3580.92	17150	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-1065-INLET-21102008	AIR	N	Benzene	780000	1386.92	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Bromomethane	1936.24 U	1936.24	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Carbon tetrachloride	1744.16 U	1744.16	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Chlorobenzene	2241.51 U	2241.51	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Chloroethane	4040 J	1852.2	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Chloroform	1728.72 U	1728.72	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Chloromethane	1913.94 U	1913.94	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	cis-1,2-Dichloroethene	1833.34 U	1833.34	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	cis-1,3-Dichloropropene	3229.35 U	3229.35	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Dichlorodifluoromethane	1836.77 U	1836.77	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Ethylbenzene	91600	1551.39	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Hexachlorobutadiene	2555.35 U	2555.35	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	m,p-Xylene	215000	4260.06	34300	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Methyl tert-butyl ether (MTBE)	1487.76 U	1487.76	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Methylene chloride	3290 J	2428.44	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	o-Xylene	58600	1912.23	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Styrene	2107.74 U	2107.74	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Tetrachloroethene	3944.5 U	3944.5	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Toluene	996000	3488.31	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	trans-1,3-Dichloropropene	3893.05 U	3893.05	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Trichloroethene	3318.53 U	3318.53	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Trichlorofluoromethane	2390.71 UJ	2390.71	17150	PPBV
	ST106-AR-1065-INLET-21102008	AIR	N	Trichlorotrifluoroethane	1578.31 U	1578.31	17150	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-1065-INLET-21102008	AIR	N	Vinyl Chloride	1889.93 U	1889.93	17150	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,1,1-Trichloroethane	1.67 U	1.67	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,1,2,2-Tetrachloroethane	1.6 U	1.6	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,1,2-Trichloroethane	1.22 U	1.22	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,1-Dichloroethane	1.14 U	1.14	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,1-Dichloroethene	2.43 U	2.43	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,2,4-Trichlorobenzene	6.06 U	6.06	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,2,4-Trimethylbenzene	161	7.25	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,2-Dibromoethane	3.94 J	0.71	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	1.22 U	1.22	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,2-Dichlorobenzene	7.41 U	7.41	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,2-Dichloroethane	81.8	1.14	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,2-Dichloropropane	5.85 U	5.85	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,3,5-Trimethylbenzene	72.5	8.3	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,3-Dichlorobenzene	5.71 U	5.71	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	1,4-Dichlorobenzene	6.27 U	6.27	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	2-Butanone	115	4.04	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Acetone	47.3 J	7.06	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Benzene	4700	1.6	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Bromomethane	20.5 J	4.95	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Carbon tetrachloride	8.89 U	8.89	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Chlorobenzene	0.98 U	0.98	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Chloroethane	1.71 U	1.71	53.8	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-1065POSTE1-19022009	AIR	N	Chloroform	1.2 U	1.2	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Chloromethane	9.14 U	9.14	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	cis-1,2-Dichloroethene	0.73 U	0.73	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	cis-1,3-Dichloropropene	1.72 U	1.72	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Dichlorodifluoromethane	1.49 U	1.49	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Ethylbenzene	270	5.97	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Hexachlorobutadiene	7.56 U	7.56	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	m,p-Xylene	973	18.63	107.6	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Methyl tert-butyl ether (MTBE)	4.31 U	4.31	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Methylene chloride	71.6 U	5.75	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	o-Xylene	319	8.6	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Styrene	7.66 U	7.66	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Tetrachloroethene	1.49 U	1.49	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Toluene	1740	4.22	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	trans-1,3-Dichloropropene	2.5 U	2.5	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Trichloroethene	2.69 U	2.69	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Trichlorofluoromethane	0.52 U	0.52	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Trichlorotrifluoroethane	1.14 U	1.14	53.8	PPBV
	ST106-AR-1065POSTE1-19022009	AIR	N	Vinyl Chloride	3.99 U	3.99	53.8	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,1,1-Trichloroethane	778	13.4	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,1,2,2-Tetrachloroethane	17.84 U	17.84	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,1,2-Trichloroethane	34.2 J	27.8	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,1-Dichloroethane	75 J	12.77	110.3	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-1065POSTE2-19022009	AIR	N	1,1-Dichloroethene	29 J	10.67	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,2,4-Trichlorobenzene	13.53 U	13.53	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,2,4-Trimethylbenzene	67.6 J	14.77	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,2-Dibromoethane	23.42 U	23.42	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	11.22 U	11.22	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,2-Dichlorobenzene	15.3 U	15.3	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,2-Dichloroethane	22.1 J	13.19	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,2-Dichloropropane	20.5 U	20.5	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,3,5-Trimethylbenzene	31.7 J	14.82	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,3-Dichlorobenzene	15.62 U	15.62	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	1,4-Dichlorobenzene	12.12 U	12.12	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	2-Butanone	72.8 J	10.09	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Acetone	185	23.03	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Benzene	9100	8.92	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Bromomethane	12.45 U	12.45	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Carbon tetrachloride	11.22 U	11.22	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Chlorobenzene	14.42 U	14.42	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Chloroethane	11.91 U	11.91	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Chloroform	11.12 U	11.12	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Chloromethane	12.31 U	12.31	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	cis-1,2-Dichloroethene	11.79 U	11.79	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	cis-1,3-Dichloropropene	20.77 U	20.77	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Dichlorodifluoromethane	11.81 U	11.81	110.3	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-1065POSTE2-19022009	AIR	N	Ethylbenzene	103 J	9.98	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Hexachlorobutadiene	16.43 U	16.43	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	m,p-Xylene	397	27.4	220.6	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Methyl tert-butyl ether (MTBE)	9.57 U	9.57	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Methylene chloride	145 U	15.62	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	o-Xylene	147	12.3	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Styrene	13.56 U	13.56	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Tetrachloroethene	550	25.37	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Toluene	822	22.44	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	trans-1,3-Dichloropropene	25.04 U	25.04	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Trichloroethene	2140	21.34	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Trichlorofluoromethane	15.38 U	15.38	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Trichlorotrifluoroethane	24.8 J	10.15	110.3	PPBV
	ST106-AR-1065POSTE2-19022009	AIR	N	Vinyl Chloride	12.16 U	12.16	110.3	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,1,1-Trichloroethane	213.49 U	213.49	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,1,2,2-Tetrachloroethane	204.4 U	204.4	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,1,2-Trichloroethane	155.9 U	155.9	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,1-Dichloroethane	145.86 U	145.86	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,1-Dichloroethene	310.63 U	310.63	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,2,4-Trichlorobenzene	775.38 U	775.38	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,2,4-Trimethylbenzene	6660 J	927.42	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,2-Dibromoethane	664 J	90.95	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	155.9 U	155.9	6880	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-106INLET-19022009	AIR	N	1,2-Dichlorobenzene	948.06 U	948.06	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,2-Dichloroethane	5010 J	145.86	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,2-Dichloropropane	747.86 U	747.86	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,3,5-Trimethylbenzene	2840 J	1061.58	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,3-Dichlorobenzene	730.66 U	730.66	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	1,4-Dichlorobenzene	802.21 U	802.21	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	2-Butanone	61900	516.48	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Acetone	468000	902.66	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Benzene	223000	204.4	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Bromomethane	633.44 U	633.44	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Carbon tetrachloride	1137.26 U	1137.26	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Chlorobenzene	125.08 U	125.08	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Chloroethane	218.85 U	218.85	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Chloroform	153.49 U	153.49	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Chloromethane	1168.91 U	1168.91	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	cis-1,2-Dichloroethene	93.36 U	93.36	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	cis-1,3-Dichloropropene	220.5 U	220.5	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Dichlorodifluoromethane	190.99 U	190.99	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Ethylbenzene	33600	763.68	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Hexachlorobutadiene	967.33 U	967.33	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	m,p-Xylene	89200	2382.54	13760	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Methyl tert-butyl ether (MTBE)	551.36 U	551.36	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Methylene chloride	6880 U	734.78	6880	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-106INLET-19022009	AIR	N	o-Xylene	24700	1099.42	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Styrene	979.71 U	979.71	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Tetrachloroethene	190.99 U	190.99	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Toluene	474000	539.39	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	trans-1,3-Dichloropropene	320.33 U	320.33	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Trichloroethene	344.28 U	344.28	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Trichlorofluoromethane	66.75 U	66.75	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Trichlorotrifluoroethane	145.86 U	145.86	6880	PPBV
	ST106-AR-106INLET-19022009	AIR	N	Vinyl Chloride	510.84 U	510.84	6880	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,1,1-Trichloroethane	53.8	3.01	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,1,2,2-Tetrachloroethane	4 U	4	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,1,2-Trichloroethane	6.24 U	6.24	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,1-Dichloroethane	12 J	2.87	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,1-Dichloroethene	14.8 J	2.39	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,2,4-Trichlorobenzene	3.04 U	3.04	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,2,4-Trimethylbenzene	28.8	3.31	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,2-Dibromoethane	5.25 U	5.25	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.52 U	2.52	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,2-Dichlorobenzene	5.58 J	3.43	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,2-Dichloroethane	2.96 U	2.96	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,2-Dichloropropane	4.6 U	4.6	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,3,5-Trimethylbenzene	12.2 J	3.33	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	1,3-Dichlorobenzene	3.5 U	3.5	24.8	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-106POSTE1-19022009	AIR	N	1,4-Dichlorobenzene	2.72 U	2.72	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	2-Butanone	83.8	2.26	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Acetone	1300	5.17	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Benzene	464	2	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Bromomethane	168	2.79	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Carbon tetrachloride	2.52 U	2.52	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Chlorobenzene	3.23 U	3.23	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Chloroethane	2.67 U	2.67	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Chloroform	2.49 U	2.49	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Chloromethane	4.16 J	2.76	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	cis-1,2-Dichloroethene	2.65 U	2.65	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	cis-1,3-Dichloropropene	4.66 U	4.66	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Dichlorodifluoromethane	2.65 U	2.65	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Ethylbenzene	34.6	2.24	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Hexachlorobutadiene	3.69 U	3.69	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	m,p-Xylene	106	6.15	49.5	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Methyl tert-butyl ether (MTBE)	2.15 U	2.15	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Methylene chloride	30.5 U	3.5	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	o-Xylene	41.3	2.76	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Styrene	3.04 U	3.04	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Tetrachloroethene	26.3	5.69	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Toluene	162	5.03	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	trans-1,3-Dichloropropene	5.62 U	5.62	24.8	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-106POSTE1-19022009	AIR	N	Trichloroethene	14.1 J	4.79	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Trichlorofluoromethane	3.45 U	3.45	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Trichlorotrifluoroethane	9.68 J	2.28	24.8	PPBV
	ST106-AR-106POSTE1-19022009	AIR	N	Vinyl Chloride	2.73 U	2.73	24.8	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,1,1-Trichloroethane	0.85 U	0.85	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,1,2,2-Tetrachloroethane	0.81 U	0.81	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,1,2-Trichloroethane	0.62 U	0.62	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,1-Dichloroethane	0.58 U	0.58	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,1-Dichloroethene	1.23 U	1.23	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,2,4-Trichlorobenzene	3.07 U	3.07	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,2,4-Trimethylbenzene	25 J	3.67	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,2-Dibromoethane	0.54 J	0.36	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.62 U	0.62	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,2-Dichlorobenzene	3.76 U	3.76	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,2-Dichloroethane	5.13 J	0.58	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,2-Dichloropropane	2.96 U	2.96	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,3,5-Trimethylbenzene	11.1 J	4.2	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,3-Dichlorobenzene	2.89 U	2.89	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	1,4-Dichlorobenzene	3.18 U	3.18	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	2-Butanone	1350	2.05	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Acetone	2350	3.58	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Benzene	213	0.81	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Bromomethane	56.1	2.51	27.3	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-106POSTE2-19022009	AIR	N	Carbon tetrachloride	4.5 U	4.5	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Chlorobenzene	0.5 U	0.5	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Chloroethane	0.87 U	0.87	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Chloroform	0.61 U	0.61	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Chloromethane	4.63 U	4.63	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	cis-1,2-Dichloroethene	0.37 U	0.37	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	cis-1,3-Dichloropropene	0.87 U	0.87	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Dichlorodifluoromethane	0.76 U	0.76	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Ethylbenzene	30.6	3.02	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Hexachlorobutadiene	3.83 U	3.83	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	m,p-Xylene	102	9.44	54.5	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Methyl tert-butyl ether (MTBE)	2.18 U	2.18	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Methylene chloride	27.3 U	2.91	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	o-Xylene	38.8	4.35	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Styrene	3.88 U	3.88	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Tetrachloroethene	0.76 U	0.76	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Toluene	161	2.14	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	trans-1,3-Dichloropropene	1.27 U	1.27	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Trichloroethene	1.36 U	1.36	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Trichlorofluoromethane	0.26 U	0.26	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Trichlorotrifluoroethane	0.58 U	0.58	27.3	PPBV
	ST106-AR-106POSTE2-19022009	AIR	N	Vinyl Chloride	2.02 U	2.02	27.3	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,1,1-Trichloroethane	1516.32 U	1516.32	12480	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-INLET-21102008	AIR	N	1,1,2,2-Tetrachloroethane	2018.02 U	2018.02	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,1,2-Trichloroethane	3144.96 U	3144.96	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,1-Dichloroethane	1445.18 U	1445.18	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,1-Dichloroethene	1207.32 U	1207.32	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,2,4-Trichlorobenzene	1531.3 U	1531.3	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,2,4-Trimethylbenzene	2630 J	1671.07	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,2-Dibromoethane	2649.5 U	2649.5	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	1269.22 U	1269.22	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,2-Dichlorobenzene	1730.98 U	1730.98	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,2-Dichloroethane	1492.61 U	1492.61	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,2-Dichloropropane	2320.03 U	2320.03	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,3,5-Trimethylbenzene	1677.31 U	1677.31	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,3-Dichlorobenzene	1767.17 U	1767.17	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	1,4-Dichlorobenzene	1371.55 U	1371.55	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	2-Butanone	12100 J	1141.8	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Acetone	70000	2605.82	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Benzene	234000	1009.26	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Bromomethane	1408.99 U	1408.99	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Carbon tetrachloride	1269.22 U	1269.22	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Chlorobenzene	1631.14 U	1631.14	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Chloroethane	1347.84 U	1347.84	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Chloroform	1257.98 U	1257.98	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Chloromethane	1392.77 U	1392.77	12480	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-INLET-21102008	AIR	N	cis-1,2-Dichloroethene	1334.11 U	1334.11	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	cis-1,3-Dichloropropene	2349.98 U	2349.98	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Dichlorodifluoromethane	1336.61 U	1336.61	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Ethylbenzene	22700	1128.94	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Hexachlorobutadiene	1859.52 U	1859.52	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	m,p-Xylene	74500	3100.03	24960	PPBV
	ST106-AR-INLET-21102008	AIR	N	Methyl tert-butyl ether (MTBE)	1082.64 U	1082.64	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Methylene chloride	6170 J	1767.17	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	o-Xylene	17600	1391.52	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Styrene	1533.79 U	1533.79	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Tetrachloroethene	2870.4 U	2870.4	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Toluene	587000	2538.43	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	trans-1,3-Dichloropropene	2832.96 U	2832.96	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Trichloroethene	2414.88 U	2414.88	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Trichlorofluoromethane	1739.71 U	1739.71	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Trichlorotrifluoroethane	1148.53 U	1148.53	12480	PPBV
	ST106-AR-INLET-21102008	AIR	N	Vinyl Chloride	1375.3 U	1375.3	12480	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,1,1-Trichloroethane	0.61 U	0.61	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,1,2,2-Tetrachloroethane	0.82 U	0.82	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,1,2-Trichloroethane	1.27 U	1.27	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,1-Dichloroethane	0.58 U	0.58	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,1-Dichloroethene	0.49 UJ	0.49	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,2,4-Trichlorobenzene	0.96 U	0.62	5.1	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-POSTCATE2-21102008	AIR	N	1,2,4-Trimethylbenzene	32.1	0.68	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,2-Dibromoethane	1.07 U	1.07	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.51 U	0.51	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,2-Dichlorobenzene	0.7 U	0.7	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,2-Dichloroethane	0.6 U	0.6	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,2-Dichloropropane	0.94 U	0.94	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,3,5-Trimethylbenzene	14.3	0.68	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,3-Dichlorobenzene	0.72 U	0.72	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	1,4-Dichlorobenzene	0.55 U	0.55	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	2-Butanone	8.18	0.46	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Acetone	75	1.05	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Benzene	70	0.41	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Bromomethane	2.69 J	0.57	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Carbon tetrachloride	0.51 U	0.51	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Chlorobenzene	0.66 U	0.66	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Chloroethane	0.55 U	0.55	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Chloroform	0.51 U	0.51	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Chloromethane	1.48 J	0.56	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	cis-1,2-Dichloroethene	0.54 U	0.54	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	cis-1,3-Dichloropropene	0.95 U	0.95	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Dichlorodifluoromethane	0.54 U	0.54	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Ethylbenzene	38.4	0.46	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Hexachlorobutadiene	0.75 U	0.75	5.1	PPBV

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO-14								
	ST106-AR-POSTCATE2-21102008	AIR	N	m,p-Xylene	109	1.25	10.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Methyl tert-butyl ether (MTBE)	10.7	0.44	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Methylene chloride	16.6	0.72	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	o-Xylene	37.9	0.56	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Styrene	1.6 J	0.62	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Tetrachloroethene	1.16 U	1.16	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Toluene	179	1.03	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	trans-1,3-Dichloropropene	1.15 U	1.15	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Trichloroethene	0.98 U	0.98	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Trichlorofluoromethane	0.7 UJ	0.7	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Trichlorotrifluoroethane	0.46 U	0.46	5.1	PPBV
	ST106-AR-POSTCATE2-21102008	AIR	N	Vinyl Chloride	0.56 U	0.56	5.1	PPBV

QA/QC Type

N = Normal Environmental Sample
FD = Field Duplicate

* The most severe flag for each analyte becomes the final validation flag

Qualifier Description:

J = The analyte was positively identified, the quantitation is an estimate.
U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the reporting limit (RL).
UJ = The analyte was analyzed for, but not detected. The associated numerical value is at or below the reporting limit (RL) and the the quantitation is an estimate.

Table 4. Summary of Holding Times for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
A2720C	ST106-AR-1065-E1POST-21102008	AIR	N	3 Days - A	10/21/2008		10/24/2008
	ST106-AR-1065-E2POST-21102008	AIR	N	3 Days - A	10/21/2008		10/24/2008
	ST106-AR-1065INLET-19022009	AIR	N	3 Days - A	2/19/2009		2/22/2009
	ST106-AR-1065-INLET-21102008	AIR	N	3 Days - A	10/21/2008		10/24/2008
	ST106-AR-1065POSTE1-19022009	AIR	N	3 Days - A	2/19/2009		2/22/2009
	ST106-AR-1065POSTE2-19022009	AIR	N	3 Days - A	2/19/2009		2/22/2009
	ST106-AR-106INLET-19022009	AIR	N	3 Days - A	2/19/2009		2/22/2009
	ST106-AR-106POSTE1-19022009	AIR	N	3 Days - A	2/19/2009		2/22/2009
	ST106-AR-106POSTE2-19022009	AIR	N	3 Days - A	2/19/2009		2/22/2009
	ST106-AR-INLET-21102008	AIR	N	3 Days - A	10/21/2008		10/24/2008
	ST106-AR-POSTCATE2-21102008	AIR	N	3 Days - A	10/21/2008		10/24/2008
SW8015M	ST106-AR-1065-E1POST-21102008	AIR	N	14 Days - A	10/21/2008		11/4/2008
	ST106-AR-1065-E2POST-21102008	AIR	N	14 Days - A	10/21/2008		11/4/2008
	ST106-AR-1065INLET-19022009	AIR	N	20 Days - A	2/19/2009		3/11/2009
	ST106-AR-1065-INLET-21102008	AIR	N	14 Days - A	10/21/2008		11/4/2008
	ST106-AR-1065POSTE1-19022009	AIR	N	20 Days - A	2/19/2009		3/11/2009
	ST106-AR-1065POSTE2-19022009	AIR	N	20 Days - A	2/19/2009		3/11/2009
	ST106-AR-106INLET-19022009	AIR	N	20 Days - A	2/19/2009		3/11/2009
	ST106-AR-106POSTE1-19022009	AIR	N	20 Days - A	2/19/2009		3/11/2009
	ST106-AR-106POSTE2-19022009	AIR	N	20 Days - A	2/19/2009		3/11/2009
	ST106-AR-INLET-21102008	AIR	N	14 Days - A	10/21/2008		11/4/2008
	ST106-AR-POSTCATE2-21102008	AIR	N	14 Days - A	10/21/2008		11/4/2008
TO-14	ST106-AR-1065-E1POST-21102008	AIR	N	22 Days - A	10/21/2008		11/12/2008
	ST106-AR-1065-E2POST-21102008	AIR	N	22 Days - A	10/21/2008		11/12/2008
	ST106-AR-1065INLET-19022009	AIR	N	12 Days - A	2/19/2009		3/3/2009
	ST106-AR-1065-INLET-21102008	AIR	N	29 Days - A	10/21/2008		11/19/2008
	ST106-AR-1065POSTE1-19022009	AIR	N	18 Days - A	2/19/2009		3/9/2009
	ST106-AR-1065POSTE2-19022009	AIR	N	11 Days - A	2/19/2009		3/2/2009
	ST106-AR-106INLET-19022009	AIR	N	18 Days - A	2/19/2009		3/9/2009
	ST106-AR-106POSTE1-19022009	AIR	N	11 Days - A	2/19/2009		3/2/2009
	ST106-AR-106POSTE2-19022009	AIR	N	12 Days - A	2/19/2009		3/3/2009
	ST106-AR-INLET-21102008	AIR	N	22 Days - A	10/21/2008		11/12/2008
	ST106-AR-POSTCATE2-21102008	AIR	N	29 Days - A	10/21/2008		11/19/2008

Table 4. Summary of Holding Times for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date

* Holding Time - Type 'A' = Analysis holding time, 'E' = Extraction holding time

QA/QC Type

N = Normal Environmental Sample
FD = Field Duplicate

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
A2720C											
	XB1-0222	AIR	LB	I1278	Carbon Dioxide	2/22/2009	0.04	0.04	0.5	U	PERCENT
	XB1-0222		LB	I1277	Carbon Dioxide	2/22/2009	0.04	0.04	0.5	U	PERCENT
	XB1-0222		LB	I1277	Carbon Monoxide	2/22/2009	0.04	0.04	0.5	U	PERCENT
	XB1-0222		LB	I1278	Carbon Monoxide	2/22/2009	0.04	0.04	0.5	U	PERCENT
	XB1-0222		LB	I1278	Methane	2/22/2009	0.04	0.04	0.5	U	PERCENT
	XB1-0222		LB	I1277	Methane	2/22/2009	0.04	0.04	0.5	U	PERCENT
	XB1-0222		LB	I1277	Oxygen	2/22/2009	0.05	0.05	0.6	U	PERCENT
	XB1-0222		LB	I1278	Oxygen	2/22/2009	0.05	0.05	0.6	U	PERCENT
	XB1-0222		LB	I1277	Total Kjeldahl Nitrogen	2/22/2009	0.09	0.09	1	U	PERCENT
	XB1-0222		LB	I1278	Total Kjeldahl Nitrogen	2/22/2009	0.09	0.09	1	U	PERCENT
	XB1-1024		LB	H3285	Carbon Dioxide	10/24/2008	0.04	0.04	0.5	U	PERCENT
	XB1-1024		LB	H3285	Carbon Monoxide	10/24/2008	0.04	0.04	0.5	U	PERCENT
	XB1-1024		LB	H3285	Methane	10/24/2008	0.04	0.04	0.5	U	PERCENT
	XB1-1024		LB	H3285	Oxygen	10/24/2008	0.05	0.05	0.6	U	PERCENT
	XB1-1024		LB	H3285	Total Kjeldahl Nitrogen	10/24/2008	0.2	0.09	1	J	PERCENT
SW8015M											
	XB1-0311	AIR	LB	I1277	TPH-Gasoline	3/11/2009	3	0.9	25	J	UG/L
	XB1-0311		LB	I1278	TPH-Gasoline	3/11/2009	3	0.9	25	J	UG/L
	XB1-1104		LB	H3285	TPH-Gasoline	11/4/2008	2.4	0.9	25	J	UG/L
TO-14											
	XB1-0309	AIR	LB	I1278	1,1,1-Trichloroethane	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1277	1,1,1-Trichloroethane	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1278	1,1,2,2-Tetrachloroethane	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1277	1,1,2,2-Tetrachloroethane	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1277	1,1,2-Trichloroethane	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1278	1,1,2-Trichloroethane	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1278	1,1-Dichloroethane	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1277	1,1-Dichloroethane	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1277	1,1-Dichloroethene	3/9/2009	0.05	0.05	1	U	PPBV
	XB1-0309		LB	I1278	1,1-Dichloroethene	3/9/2009	0.05	0.05	1	U	PPBV
	XB1-0309		LB	I1278	1,2,4-Trichlorobenzene	3/9/2009	0.11	0.11	1	U	PPBV
	XB1-0309		LB	I1277	1,2,4-Trichlorobenzene	3/9/2009	0.11	0.11	1	U	PPBV
	XB1-0309		LB	I1278	1,2,4-Trimethylbenzene	3/9/2009	0.13	0.13	1	U	PPBV

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO-14											
	XB1-0309	AIR	LB	I1277	1,2,4-Trimethylbenzene	3/9/2009	0.13	0.13	1	U	PPBV
	XB1-0309		LB	I1277	1,2-Dibromoethane	3/9/2009	0.01	0.01	1	U	PPBV
	XB1-0309		LB	I1278	1,2-Dibromoethane	3/9/2009	0.01	0.01	1	U	PPBV
	XB1-0309		LB	I1277	1,2-Dichloro-1,1,2,2-tetrafluoroethane	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1278	1,2-Dichloro-1,1,2,2-tetrafluoroethane	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1278	1,2-Dichlorobenzene	3/9/2009	0.14	0.14	1	U	PPBV
	XB1-0309		LB	I1277	1,2-Dichlorobenzene	3/9/2009	0.14	0.14	1	U	PPBV
	XB1-0309		LB	I1278	1,2-Dichloroethane	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1277	1,2-Dichloroethane	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1277	1,2-Dichloropropane	3/9/2009	0.11	0.11	1	U	PPBV
	XB1-0309		LB	I1278	1,2-Dichloropropane	3/9/2009	0.11	0.11	1	U	PPBV
	XB1-0309		LB	I1278	1,3,5-Trimethylbenzene	3/9/2009	0.15	0.15	1	U	PPBV
	XB1-0309		LB	I1277	1,3,5-Trimethylbenzene	3/9/2009	0.15	0.15	1	U	PPBV
	XB1-0309		LB	I1277	1,3-Dichlorobenzene	3/9/2009	0.11	0.11	1	U	PPBV
	XB1-0309		LB	I1278	1,3-Dichlorobenzene	3/9/2009	0.11	0.11	1	U	PPBV
	XB1-0309		LB	I1278	1,4-Dichlorobenzene	3/9/2009	0.12	0.12	1	U	PPBV
	XB1-0309		LB	I1277	1,4-Dichlorobenzene	3/9/2009	0.12	0.12	1	U	PPBV
	XB1-0309		LB	I1278	2-Butanone	3/9/2009	0.08	0.08	1	U	PPBV
	XB1-0309		LB	I1277	2-Butanone	3/9/2009	0.08	0.08	1	U	PPBV
	XB1-0309		LB	I1278	Acetone	3/9/2009	0.13	0.13	1	U	PPBV
	XB1-0309		LB	I1277	Acetone	3/9/2009	0.13	0.13	1	U	PPBV
	XB1-0309		LB	I1277	Benzene	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1278	Benzene	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1277	Bromomethane	3/9/2009	0.09	0.09	1	U	PPBV
	XB1-0309		LB	I1278	Bromomethane	3/9/2009	0.09	0.09	1	U	PPBV
	XB1-0309		LB	I1278	Carbon tetrachloride	3/9/2009	0.17	0.17	1	U	PPBV
	XB1-0309		LB	I1277	Carbon tetrachloride	3/9/2009	0.17	0.17	1	U	PPBV
	XB1-0309		LB	I1278	Chlorobenzene	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1277	Chlorobenzene	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1278	Chloroethane	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1277	Chloroethane	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1278	Chloroform	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1277	Chloroform	3/9/2009	0.02	0.02	1	U	PPBV

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO-14											
	XB1-0309	AIR	LB	I1277	Chloromethane	3/9/2009	0.17	0.17	1	U	PPBV
	XB1-0309		LB	I1278	Chloromethane	3/9/2009	0.17	0.17	1	U	PPBV
	XB1-0309		LB	I1278	cis-1,2-Dichloroethene	3/9/2009	0.01	0.01	1	U	PPBV
	XB1-0309		LB	I1277	cis-1,2-Dichloroethene	3/9/2009	0.01	0.01	1	U	PPBV
	XB1-0309		LB	I1278	cis-1,3-Dichloropropene	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1277	cis-1,3-Dichloropropene	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1278	Dichlorodifluoromethane	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1277	Dichlorodifluoromethane	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1277	Ethylbenzene	3/9/2009	0.11	0.11	1	U	PPBV
	XB1-0309		LB	I1278	Ethylbenzene	3/9/2009	0.11	0.11	1	U	PPBV
	XB1-0309		LB	I1277	Hexachlorobutadiene	3/9/2009	0.14	0.14	1	U	PPBV
	XB1-0309		LB	I1278	Hexachlorobutadiene	3/9/2009	0.14	0.14	1	U	PPBV
	XB1-0309		LB	I1277	m,p-Xylene	3/9/2009	0.35	0.35	2	U	PPBV
	XB1-0309		LB	I1278	m,p-Xylene	3/9/2009	0.35	0.35	2	U	PPBV
	XB1-0309		LB	I1278	Methyl tert-butyl ether (MTBE)	3/9/2009	0.08	0.08	1	U	PPBV
	XB1-0309		LB	I1277	Methyl tert-butyl ether (MTBE)	3/9/2009	0.08	0.08	1	U	PPBV
	XB1-0309		LB	I1277	Methylene chloride	3/9/2009	0.18	0.11	1	J	PPBV
	XB1-0309		LB	I1278	Methylene chloride	3/9/2009	0.18	0.11	1	J	PPBV
	XB1-0309		LB	I1277	o-Xylene	3/9/2009	0.16	0.16	1	U	PPBV
	XB1-0309		LB	I1278	o-Xylene	3/9/2009	0.16	0.16	1	U	PPBV
	XB1-0309		LB	I1277	Styrene	3/9/2009	0.14	0.14	1	U	PPBV
	XB1-0309		LB	I1278	Styrene	3/9/2009	0.14	0.14	1	U	PPBV
	XB1-0309		LB	I1278	Tetrachloroethene	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1277	Tetrachloroethene	3/9/2009	0.03	0.03	1	U	PPBV
	XB1-0309		LB	I1277	Toluene	3/9/2009	0.08	0.08	1	U	PPBV
	XB1-0309		LB	I1278	Toluene	3/9/2009	0.08	0.08	1	U	PPBV
	XB1-0309		LB	I1277	trans-1,3-Dichloropropene	3/9/2009	0.05	0.05	1	U	PPBV
	XB1-0309		LB	I1278	trans-1,3-Dichloropropene	3/9/2009	0.05	0.05	1	U	PPBV
	XB1-0309		LB	I1278	Trichloroethene	3/9/2009	0.05	0.05	1	U	PPBV
	XB1-0309		LB	I1277	Trichloroethene	3/9/2009	0.05	0.05	1	U	PPBV
	XB1-0309		LB	I1278	Trichlorofluoromethane	3/9/2009	0.01	0.01	1	U	PPBV
	XB1-0309		LB	I1277	Trichlorofluoromethane	3/9/2009	0.01	0.01	1	U	PPBV
	XB1-0309		LB	I1278	Trichlorotrifluoroethane	3/9/2009	0.02	0.02	1	U	PPBV

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO-14											
	XB1-0309	AIR	LB	I1277	Trichlorotrifluoroethane	3/9/2009	0.02	0.02	1	U	PPBV
	XB1-0309		LB	I1277	Vinyl Chloride	3/9/2009	0.07	0.07	1	U	PPBV
	XB1-0309		LB	I1278	Vinyl Chloride	3/9/2009	0.07	0.07	1	U	PPBV
	XB2-0302		LB	I1278	1,1,1-Trichloroethane	3/2/2009	0.12	0.12	1	U	PPBV
	XB2-0302		LB	I1277	1,1,1-Trichloroethane	3/2/2009	0.12	0.12	1	U	PPBV
	XB2-0302		LB	I1278	1,1,2,2-Tetrachloroethane	3/2/2009	0.16	0.16	1	U	PPBV
	XB2-0302		LB	I1277	1,1,2,2-Tetrachloroethane	3/2/2009	0.16	0.16	1	U	PPBV
	XB2-0302		LB	I1278	1,1,2-Trichloroethane	3/2/2009	0.25	0.25	1	U	PPBV
	XB2-0302		LB	I1277	1,1,2-Trichloroethane	3/2/2009	0.25	0.25	1	U	PPBV
	XB2-0302		LB	I1277	1,1-Dichloroethane	3/2/2009	0.12	0.12	1	U	PPBV
	XB2-0302		LB	I1278	1,1-Dichloroethane	3/2/2009	0.12	0.12	1	U	PPBV
	XB2-0302		LB	I1278	1,1-Dichloroethene	3/2/2009	0.1	0.1	1	U	PPBV
	XB2-0302		LB	I1277	1,1-Dichloroethene	3/2/2009	0.1	0.1	1	U	PPBV
	XB2-0302		LB	I1277	1,2,4-Trichlorobenzene	3/2/2009	0.13	0.12	1	J	PPBV
	XB2-0302		LB	I1278	1,2,4-Trichlorobenzene	3/2/2009	0.13	0.12	1	J	PPBV
	XB2-0302		LB	I1277	1,2,4-Trimethylbenzene	3/2/2009	0.13	0.13	1	U	PPBV
	XB2-0302		LB	I1278	1,2,4-Trimethylbenzene	3/2/2009	0.13	0.13	1	U	PPBV
	XB2-0302		LB	I1278	1,2-Dibromoethane	3/2/2009	0.21	0.21	1	U	PPBV
	XB2-0302		LB	I1277	1,2-Dibromoethane	3/2/2009	0.21	0.21	1	U	PPBV
	XB2-0302		LB	I1277	1,2-Dichloro-1,1,2,2-tetrafluoroethane	3/2/2009	0.1	0.1	1	U	PPBV
	XB2-0302		LB	I1278	1,2-Dichloro-1,1,2,2-tetrafluoroethane	3/2/2009	0.1	0.1	1	U	PPBV
	XB2-0302		LB	I1278	1,2-Dichlorobenzene	3/2/2009	0.14	0.14	1	U	PPBV
	XB2-0302		LB	I1277	1,2-Dichlorobenzene	3/2/2009	0.14	0.14	1	U	PPBV
	XB2-0302		LB	I1278	1,2-Dichloroethane	3/2/2009	0.12	0.12	1	U	PPBV
	XB2-0302		LB	I1277	1,2-Dichloroethane	3/2/2009	0.12	0.12	1	U	PPBV
	XB2-0302		LB	I1278	1,2-Dichloropropane	3/2/2009	0.19	0.19	1	U	PPBV
	XB2-0302		LB	I1277	1,2-Dichloropropane	3/2/2009	0.19	0.19	1	U	PPBV
	XB2-0302		LB	I1277	1,3,5-Trimethylbenzene	3/2/2009	0.13	0.13	1	U	PPBV
	XB2-0302		LB	I1278	1,3,5-Trimethylbenzene	3/2/2009	0.13	0.13	1	U	PPBV
	XB2-0302		LB	I1277	1,3-Dichlorobenzene	3/2/2009	0.14	0.14	1	U	PPBV
	XB2-0302		LB	I1278	1,3-Dichlorobenzene	3/2/2009	0.14	0.14	1	U	PPBV
	XB2-0302		LB	I1277	1,4-Dichlorobenzene	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1278	1,4-Dichlorobenzene	3/2/2009	0.11	0.11	1	U	PPBV

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO-14											
	XB2-0302	AIR	LB	I1278	2-Butanone	3/2/2009	0.09	0.09	1	U	PPBV
	XB2-0302		LB	I1277	2-Butanone	3/2/2009	0.09	0.09	1	U	PPBV
	XB2-0302		LB	I1277	Acetone	3/2/2009	0.21	0.21	1	U	PPBV
	XB2-0302		LB	I1278	Acetone	3/2/2009	0.21	0.21	1	U	PPBV
	XB2-0302		LB	I1277	Benzene	3/2/2009	0.08	0.08	1	U	PPBV
	XB2-0302		LB	I1278	Benzene	3/2/2009	0.08	0.08	1	U	PPBV
	XB2-0302		LB	I1277	Bromomethane	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1278	Bromomethane	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1278	Carbon tetrachloride	3/2/2009	0.1	0.1	1	U	PPBV
	XB2-0302		LB	I1277	Carbon tetrachloride	3/2/2009	0.1	0.1	1	U	PPBV
	XB2-0302		LB	I1277	Chlorobenzene	3/2/2009	0.13	0.13	1	U	PPBV
	XB2-0302		LB	I1278	Chlorobenzene	3/2/2009	0.13	0.13	1	U	PPBV
	XB2-0302		LB	I1277	Chloroethane	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1278	Chloroethane	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1278	Chloroform	3/2/2009	0.1	0.1	1	U	PPBV
	XB2-0302		LB	I1277	Chloroform	3/2/2009	0.1	0.1	1	U	PPBV
	XB2-0302		LB	I1278	Chloromethane	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1277	Chloromethane	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1277	cis-1,2-Dichloroethene	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1278	cis-1,2-Dichloroethene	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1277	cis-1,3-Dichloropropene	3/2/2009	0.19	0.19	1	U	PPBV
	XB2-0302		LB	I1278	cis-1,3-Dichloropropene	3/2/2009	0.19	0.19	1	U	PPBV
	XB2-0302		LB	I1278	Dichlorodifluoromethane	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1277	Dichlorodifluoromethane	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1277	Ethylbenzene	3/2/2009	0.09	0.09	1	U	PPBV
	XB2-0302		LB	I1278	Ethylbenzene	3/2/2009	0.09	0.09	1	U	PPBV
	XB2-0302		LB	I1278	Hexachlorobutadiene	3/2/2009	0.15	0.15	1	U	PPBV
	XB2-0302		LB	I1277	Hexachlorobutadiene	3/2/2009	0.15	0.15	1	U	PPBV
	XB2-0302		LB	I1278	m,p-Xylene	3/2/2009	0.25	0.25	2	U	PPBV
	XB2-0302		LB	I1277	m,p-Xylene	3/2/2009	0.25	0.25	2	U	PPBV
	XB2-0302		LB	I1278	Methyl tert-butyl ether (MTBE)	3/2/2009	0.09	0.09	1	U	PPBV
	XB2-0302		LB	I1277	Methyl tert-butyl ether (MTBE)	3/2/2009	0.09	0.09	1	U	PPBV
	XB2-0302		LB	I1278	Methylene chloride	3/2/2009	0.3	0.14	1	J	PPBV

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO-14											
	XB2-0302	AIR	LB	I1277	Methylene chloride	3/2/2009	0.3	0.14	1	J	PPBV
	XB2-0302		LB	I1277	o-Xylene	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1278	o-Xylene	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1277	Styrene	3/2/2009	0.12	0.12	1	U	PPBV
	XB2-0302		LB	I1278	Styrene	3/2/2009	0.12	0.12	1	U	PPBV
	XB2-0302		LB	I1277	Tetrachloroethene	3/2/2009	0.23	0.23	1	U	PPBV
	XB2-0302		LB	I1278	Tetrachloroethene	3/2/2009	0.23	0.23	1	U	PPBV
	XB2-0302		LB	I1278	Toluene	3/2/2009	0.2	0.2	1	U	PPBV
	XB2-0302		LB	I1277	Toluene	3/2/2009	0.2	0.2	1	U	PPBV
	XB2-0302		LB	I1277	trans-1,3-Dichloropropene	3/2/2009	0.23	0.23	1	U	PPBV
	XB2-0302		LB	I1278	trans-1,3-Dichloropropene	3/2/2009	0.23	0.23	1	U	PPBV
	XB2-0302		LB	I1277	Trichloroethene	3/2/2009	0.19	0.19	1	U	PPBV
	XB2-0302		LB	I1278	Trichloroethene	3/2/2009	0.19	0.19	1	U	PPBV
	XB2-0302		LB	I1278	Trichlorofluoromethane	3/2/2009	0.14	0.14	1	U	PPBV
	XB2-0302		LB	I1277	Trichlorofluoromethane	3/2/2009	0.14	0.14	1	U	PPBV
	XB2-0302		LB	I1277	Trichlorotrifluoroethane	3/2/2009	0.09	0.09	1	U	PPBV
	XB2-0302		LB	I1278	Trichlorotrifluoroethane	3/2/2009	0.09	0.09	1	U	PPBV
	XB2-0302		LB	I1278	Vinyl Chloride	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0302		LB	I1277	Vinyl Chloride	3/2/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1278	1,1,1-Trichloroethane	3/3/2009	0.12	0.12	1	U	PPBV
	XB2-0303		LB	I1277	1,1,1-Trichloroethane	3/3/2009	0.12	0.12	1	U	PPBV
	XB2-0303		LB	I1278	1,1,2,2-Tetrachloroethane	3/3/2009	0.16	0.16	1	U	PPBV
	XB2-0303		LB	I1277	1,1,2,2-Tetrachloroethane	3/3/2009	0.16	0.16	1	U	PPBV
	XB2-0303		LB	I1278	1,1,2-Trichloroethane	3/3/2009	0.25	0.25	1	U	PPBV
	XB2-0303		LB	I1277	1,1,2-Trichloroethane	3/3/2009	0.25	0.25	1	U	PPBV
	XB2-0303		LB	I1277	1,1-Dichloroethane	3/3/2009	0.12	0.12	1	U	PPBV
	XB2-0303		LB	I1278	1,1-Dichloroethane	3/3/2009	0.12	0.12	1	U	PPBV
	XB2-0303		LB	I1278	1,1-Dichloroethene	3/3/2009	0.1	0.1	1	U	PPBV
	XB2-0303		LB	I1277	1,1-Dichloroethene	3/3/2009	0.1	0.1	1	U	PPBV
	XB2-0303		LB	I1277	1,2,4-Trichlorobenzene	3/3/2009	0.13	0.12	1	J	PPBV
	XB2-0303		LB	I1278	1,2,4-Trichlorobenzene	3/3/2009	0.13	0.12	1	J	PPBV
	XB2-0303		LB	I1277	1,2,4-Trimethylbenzene	3/3/2009	0.13	0.13	1	U	PPBV
	XB2-0303		LB	I1278	1,2,4-Trimethylbenzene	3/3/2009	0.13	0.13	1	U	PPBV

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO-14											
	XB2-0303	AIR	LB	I1278	1,2-Dibromoethane	3/3/2009	0.21	0.21	1	U	PPBV
	XB2-0303		LB	I1277	1,2-Dibromoethane	3/3/2009	0.21	0.21	1	U	PPBV
	XB2-0303		LB	I1278	1,2-Dichloro-1,1,2,2-tetrafluoroethane	3/3/2009	0.1	0.1	1	U	PPBV
	XB2-0303		LB	I1277	1,2-Dichloro-1,1,2,2-tetrafluoroethane	3/3/2009	0.1	0.1	1	U	PPBV
	XB2-0303		LB	I1277	1,2-Dichlorobenzene	3/3/2009	0.14	0.14	1	U	PPBV
	XB2-0303		LB	I1278	1,2-Dichlorobenzene	3/3/2009	0.14	0.14	1	U	PPBV
	XB2-0303		LB	I1278	1,2-Dichloroethane	3/3/2009	0.12	0.12	1	U	PPBV
	XB2-0303		LB	I1277	1,2-Dichloroethane	3/3/2009	0.12	0.12	1	U	PPBV
	XB2-0303		LB	I1278	1,2-Dichloropropane	3/3/2009	0.19	0.19	1	U	PPBV
	XB2-0303		LB	I1277	1,2-Dichloropropane	3/3/2009	0.19	0.19	1	U	PPBV
	XB2-0303		LB	I1277	1,3,5-Trimethylbenzene	3/3/2009	0.13	0.13	1	U	PPBV
	XB2-0303		LB	I1278	1,3,5-Trimethylbenzene	3/3/2009	0.13	0.13	1	U	PPBV
	XB2-0303		LB	I1278	1,3-Dichlorobenzene	3/3/2009	0.14	0.14	1	U	PPBV
	XB2-0303		LB	I1277	1,3-Dichlorobenzene	3/3/2009	0.14	0.14	1	U	PPBV
	XB2-0303		LB	I1278	1,4-Dichlorobenzene	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1277	1,4-Dichlorobenzene	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1278	2-Butanone	3/3/2009	0.09	0.09	1	U	PPBV
	XB2-0303		LB	I1277	2-Butanone	3/3/2009	0.09	0.09	1	U	PPBV
	XB2-0303		LB	I1278	Acetone	3/3/2009	0.21	0.21	1	U	PPBV
	XB2-0303		LB	I1277	Acetone	3/3/2009	0.21	0.21	1	U	PPBV
	XB2-0303		LB	I1277	Benzene	3/3/2009	0.08	0.08	1	U	PPBV
	XB2-0303		LB	I1278	Benzene	3/3/2009	0.08	0.08	1	U	PPBV
	XB2-0303		LB	I1277	Bromomethane	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1278	Bromomethane	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1278	Carbon tetrachloride	3/3/2009	0.1	0.1	1	U	PPBV
	XB2-0303		LB	I1277	Carbon tetrachloride	3/3/2009	0.1	0.1	1	U	PPBV
	XB2-0303		LB	I1277	Chlorobenzene	3/3/2009	0.13	0.13	1	U	PPBV
	XB2-0303		LB	I1278	Chlorobenzene	3/3/2009	0.13	0.13	1	U	PPBV
	XB2-0303		LB	I1278	Chloroethane	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1277	Chloroethane	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1278	Chloroform	3/3/2009	0.1	0.1	1	U	PPBV
	XB2-0303		LB	I1277	Chloroform	3/3/2009	0.1	0.1	1	U	PPBV
	XB2-0303		LB	I1278	Chloromethane	3/3/2009	0.11	0.11	1	U	PPBV

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO-14											
	XB2-0303	AIR	LB	I1277	Chloromethane	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1277	cis-1,2-Dichloroethene	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1278	cis-1,2-Dichloroethene	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1278	cis-1,3-Dichloropropene	3/3/2009	0.19	0.19	1	U	PPBV
	XB2-0303		LB	I1277	cis-1,3-Dichloropropene	3/3/2009	0.19	0.19	1	U	PPBV
	XB2-0303		LB	I1277	Dichlorodifluoromethane	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1278	Dichlorodifluoromethane	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1278	Ethylbenzene	3/3/2009	0.09	0.09	1	U	PPBV
	XB2-0303		LB	I1277	Ethylbenzene	3/3/2009	0.09	0.09	1	U	PPBV
	XB2-0303		LB	I1277	Hexachlorobutadiene	3/3/2009	0.15	0.15	1	U	PPBV
	XB2-0303		LB	I1278	Hexachlorobutadiene	3/3/2009	0.15	0.15	1	U	PPBV
	XB2-0303		LB	I1278	m,p-Xylene	3/3/2009	0.25	0.25	2	U	PPBV
	XB2-0303		LB	I1277	m,p-Xylene	3/3/2009	0.25	0.25	2	U	PPBV
	XB2-0303		LB	I1278	Methyl tert-butyl ether (MTBE)	3/3/2009	0.09	0.09	1	U	PPBV
	XB2-0303		LB	I1277	Methyl tert-butyl ether (MTBE)	3/3/2009	0.09	0.09	1	U	PPBV
	XB2-0303		LB	I1278	Methylene chloride	3/3/2009	0.36	0.14	1	J	PPBV
	XB2-0303		LB	I1277	Methylene chloride	3/3/2009	0.36	0.14	1	J	PPBV
	XB2-0303		LB	I1278	o-Xylene	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1277	o-Xylene	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1278	Styrene	3/3/2009	0.12	0.12	1	U	PPBV
	XB2-0303		LB	I1277	Styrene	3/3/2009	0.12	0.12	1	U	PPBV
	XB2-0303		LB	I1277	Tetrachloroethene	3/3/2009	0.23	0.23	1	U	PPBV
	XB2-0303		LB	I1278	Tetrachloroethene	3/3/2009	0.23	0.23	1	U	PPBV
	XB2-0303		LB	I1278	Toluene	3/3/2009	0.2	0.2	1	U	PPBV
	XB2-0303		LB	I1277	Toluene	3/3/2009	0.2	0.2	1	U	PPBV
	XB2-0303		LB	I1278	trans-1,3-Dichloropropene	3/3/2009	0.23	0.23	1	U	PPBV
	XB2-0303		LB	I1277	trans-1,3-Dichloropropene	3/3/2009	0.23	0.23	1	U	PPBV
	XB2-0303		LB	I1278	Trichloroethene	3/3/2009	0.19	0.19	1	U	PPBV
	XB2-0303		LB	I1277	Trichloroethene	3/3/2009	0.19	0.19	1	U	PPBV
	XB2-0303		LB	I1277	Trichlorofluoromethane	3/3/2009	0.14	0.14	1	U	PPBV
	XB2-0303		LB	I1278	Trichlorofluoromethane	3/3/2009	0.14	0.14	1	U	PPBV
	XB2-0303		LB	I1277	Trichlorotrifluoroethane	3/3/2009	0.09	0.09	1	U	PPBV
	XB2-0303		LB	I1278	Trichlorotrifluoroethane	3/3/2009	0.09	0.09	1	U	PPBV

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO-14											
	XB2-0303	AIR	LB	I1277	Vinyl Chloride	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-0303		LB	I1278	Vinyl Chloride	3/3/2009	0.11	0.11	1	U	PPBV
	XB2-1112		LB	H3285	1,1,1-Trichloroethane	11/12/2008	0.12	0.12	1	U	PPBV
	XB2-1112		LB	H3285	1,1,2,2-Tetrachloroethane	11/12/2008	0.16	0.16	1	U	PPBV
	XB2-1112		LB	H3285	1,1,2-Trichloroethane	11/12/2008	0.25	0.25	1	U	PPBV
	XB2-1112		LB	H3285	1,1-Dichloroethane	11/12/2008	0.12	0.12	1	U	PPBV
	XB2-1112		LB	H3285	1,1-Dichloroethene	11/12/2008	0.1	0.1	1	U	PPBV
	XB2-1112		LB	H3285	1,2,4-Trichlorobenzene	11/12/2008	0.13	0.12	1	J	PPBV
	XB2-1112		LB	H3285	1,2,4-Trimethylbenzene	11/12/2008	0.13	0.13	1	U	PPBV
	XB2-1112		LB	H3285	1,2-Dibromoethane	11/12/2008	0.21	0.21	1	U	PPBV
	XB2-1112		LB	H3285	1,2-Dichloro-1,1,2,2-tetrafluoroethane	11/12/2008	0.1	0.1	1	U	PPBV
	XB2-1112		LB	H3285	1,2-Dichlorobenzene	11/12/2008	0.14	0.14	1	U	PPBV
	XB2-1112		LB	H3285	1,2-Dichloroethane	11/12/2008	0.12	0.12	1	U	PPBV
	XB2-1112		LB	H3285	1,2-Dichloropropane	11/12/2008	0.19	0.19	1	U	PPBV
	XB2-1112		LB	H3285	1,3,5-Trimethylbenzene	11/12/2008	0.13	0.13	1	U	PPBV
	XB2-1112		LB	H3285	1,3-Dichlorobenzene	11/12/2008	0.14	0.14	1	U	PPBV
	XB2-1112		LB	H3285	1,4-Dichlorobenzene	11/12/2008	0.11	0.11	1	U	PPBV
	XB2-1112		LB	H3285	2-Butanone	11/12/2008	0.09	0.09	1	U	PPBV
	XB2-1112		LB	H3285	Acetone	11/12/2008	0.21	0.21	1	U	PPBV
	XB2-1112		LB	H3285	Benzene	11/12/2008	0.08	0.08	1	U	PPBV
	XB2-1112		LB	H3285	Bromomethane	11/12/2008	0.11	0.11	1	U	PPBV
	XB2-1112		LB	H3285	Carbon tetrachloride	11/12/2008	0.1	0.1	1	U	PPBV
	XB2-1112		LB	H3285	Chlorobenzene	11/12/2008	0.13	0.13	1	U	PPBV
	XB2-1112		LB	H3285	Chloroethane	11/12/2008	0.11	0.11	1	U	PPBV
	XB2-1112		LB	H3285	Chloroform	11/12/2008	0.1	0.1	1	U	PPBV
	XB2-1112		LB	H3285	Chloromethane	11/12/2008	0.11	0.11	1	U	PPBV
	XB2-1112		LB	H3285	cis-1,2-Dichloroethene	11/12/2008	0.11	0.11	1	U	PPBV
	XB2-1112		LB	H3285	cis-1,3-Dichloropropene	11/12/2008	0.19	0.19	1	U	PPBV
	XB2-1112		LB	H3285	Dichlorodifluoromethane	11/12/2008	0.11	0.11	1	U	PPBV
	XB2-1112		LB	H3285	Ethylbenzene	11/12/2008	0.09	0.09	1	U	PPBV
	XB2-1112		LB	H3285	Hexachlorobutadiene	11/12/2008	0.15	0.15	1	U	PPBV
	XB2-1112		LB	H3285	m,p-Xylene	11/12/2008	0.25	0.25	2	U	PPBV
	XB2-1112		LB	H3285	Methyl tert-butyl ether (MTBE)	11/12/2008	0.09	0.09	1	U	PPBV

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO-14											
	XB2-1112	AIR	LB	H3285	Methylene chloride	11/12/2008	0.14	0.14	1	U	PPBV
	XB2-1112		LB	H3285	o-Xylene	11/12/2008	0.11	0.11	1	U	PPBV
	XB2-1112		LB	H3285	Styrene	11/12/2008	0.12	0.12	1	U	PPBV
	XB2-1112		LB	H3285	Tetrachloroethene	11/12/2008	0.23	0.23	1	U	PPBV
	XB2-1112		LB	H3285	Toluene	11/12/2008	0.2	0.2	1	U	PPBV
	XB2-1112		LB	H3285	trans-1,3-Dichloropropene	11/12/2008	0.23	0.23	1	U	PPBV
	XB2-1112		LB	H3285	Trichloroethene	11/12/2008	0.19	0.19	1	U	PPBV
	XB2-1112		LB	H3285	Trichlorofluoromethane	11/12/2008	0.14	0.14	1	U	PPBV
	XB2-1112		LB	H3285	Trichlorotrifluoroethane	11/12/2008	0.09	0.09	1	U	PPBV
	XB2-1112		LB	H3285	Vinyl Chloride	11/12/2008	0.11	0.11	1	U	PPBV
	XB2-1119		LB	H3285	1,1,1-Trichloroethane	11/19/2008	0.12	0.12	1	U	PPBV
	XB2-1119		LB	H3285	1,1,2,2-Tetrachloroethane	11/19/2008	0.16	0.16	1	U	PPBV
	XB2-1119		LB	H3285	1,1,2-Trichloroethane	11/19/2008	0.25	0.25	1	U	PPBV
	XB2-1119		LB	H3285	1,1-Dichloroethane	11/19/2008	0.12	0.12	1	U	PPBV
	XB2-1119		LB	H3285	1,1-Dichloroethene	11/19/2008	0.1	0.1	1	U	PPBV
	XB2-1119		LB	H3285	1,2,4-Trichlorobenzene	11/19/2008	0.16	0.12	1	J	PPBV
	XB2-1119		LB	H3285	1,2,4-Trimethylbenzene	11/19/2008	0.13	0.13	1	U	PPBV
	XB2-1119		LB	H3285	1,2-Dibromoethane	11/19/2008	0.21	0.21	1	U	PPBV
	XB2-1119		LB	H3285	1,2-Dichloro-1,1,2,2-tetrafluoroethane	11/19/2008	0.1	0.1	1	U	PPBV
	XB2-1119		LB	H3285	1,2-Dichlorobenzene	11/19/2008	0.14	0.14	1	U	PPBV
	XB2-1119		LB	H3285	1,2-Dichloroethane	11/19/2008	0.12	0.12	1	U	PPBV
	XB2-1119		LB	H3285	1,2-Dichloropropane	11/19/2008	0.19	0.19	1	U	PPBV
	XB2-1119		LB	H3285	1,3,5-Trimethylbenzene	11/19/2008	0.13	0.13	1	U	PPBV
	XB2-1119		LB	H3285	1,3-Dichlorobenzene	11/19/2008	0.14	0.14	1	U	PPBV
	XB2-1119		LB	H3285	1,4-Dichlorobenzene	11/19/2008	0.11	0.11	1	U	PPBV
	XB2-1119		LB	H3285	2-Butanone	11/19/2008	0.09	0.09	1	U	PPBV
	XB2-1119		LB	H3285	Acetone	11/19/2008	0.21	0.21	1	U	PPBV
	XB2-1119		LB	H3285	Benzene	11/19/2008	0.08	0.08	1	U	PPBV
	XB2-1119		LB	H3285	Bromomethane	11/19/2008	0.11	0.11	1	U	PPBV
	XB2-1119		LB	H3285	Carbon tetrachloride	11/19/2008	0.1	0.1	1	U	PPBV
	XB2-1119		LB	H3285	Chlorobenzene	11/19/2008	0.13	0.13	1	U	PPBV
	XB2-1119		LB	H3285	Chloroethane	11/19/2008	0.11	0.11	1	U	PPBV
	XB2-1119		LB	H3285	Chloroform	11/19/2008	0.1	0.1	1	U	PPBV

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO-14											
	XB2-1119	AIR	LB	H3285	Chloromethane	11/19/2008	0.11	0.11	1	U	PPBV
	XB2-1119		LB	H3285	cis-1,2-Dichloroethene	11/19/2008	0.11	0.11	1	U	PPBV
	XB2-1119		LB	H3285	cis-1,3-Dichloropropene	11/19/2008	0.19	0.19	1	U	PPBV
	XB2-1119		LB	H3285	Dichlorodifluoromethane	11/19/2008	0.11	0.11	1	U	PPBV
	XB2-1119		LB	H3285	Ethylbenzene	11/19/2008	0.09	0.09	1	U	PPBV
	XB2-1119		LB	H3285	Hexachlorobutadiene	11/19/2008	0.15	0.15	1	U	PPBV
	XB2-1119		LB	H3285	m,p-Xylene	11/19/2008	0.25	0.25	2	U	PPBV
	XB2-1119		LB	H3285	Methyl tert-butyl ether (MTBE)	11/19/2008	0.09	0.09	1	U	PPBV
	XB2-1119		LB	H3285	Methylene chloride	11/19/2008	0.14	0.14	1	U	PPBV
	XB2-1119		LB	H3285	o-Xylene	11/19/2008	0.11	0.11	1	U	PPBV
	XB2-1119		LB	H3285	Styrene	11/19/2008	0.12	0.12	1	U	PPBV
	XB2-1119		LB	H3285	Tetrachloroethene	11/19/2008	0.23	0.23	1	U	PPBV
	XB2-1119		LB	H3285	Toluene	11/19/2008	0.2	0.2	1	U	PPBV
	XB2-1119		LB	H3285	trans-1,3-Dichloropropene	11/19/2008	0.23	0.23	1	U	PPBV
	XB2-1119		LB	H3285	Trichloroethene	11/19/2008	0.19	0.19	1	U	PPBV
	XB2-1119		LB	H3285	Trichlorofluoromethane	11/19/2008	0.14	0.14	1	U	PPBV
	XB2-1119		LB	H3285	Trichlorotrifluoroethane	11/19/2008	0.09	0.09	1	U	PPBV
	XB2-1119		LB	H3285	Vinyl Chloride	11/19/2008	0.11	0.11	1	U	PPBV

*** Blank Type**

LB = Method Blank
EB = Equipment Blank
TB = Trip Blank

Qualifier Description
U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the reporting limit (RL).
J = The analyte was positively identified but the associated numerical value is below the reporting limit (RL).

Table 6. Laboratory Control Spike Samples Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
A2720C							
	BS1X0222	AIR	I1277	Carbon Dioxide	96	80	120
	BS1X0222		I1278	Carbon Dioxide	96	80	120
	BS1X0222		I1277	Carbon Monoxide	107	80	120
	BS1X0222		I1278	Carbon Monoxide	107	80	120
	BS1X0222		I1277	Methane	97	80	120
	BS1X0222		I1278	Methane	97	80	120
	BS1X0222		I1278	Nitrogen	90	80	120
	BS1X0222		I1277	Nitrogen	90	80	120
	BS1X0222		I1278	Oxygen	88	80	120
	BS1X0222		I1277	Oxygen	88	80	120
	BS1X1024		H3285	Carbon Dioxide	94	80	120
	BS1X1024		H3285	Carbon Monoxide	103	80	120
	BS1X1024		H3285	Methane	95	80	120
	BS1X1024		H3285	Nitrogen	110	80	120
	BS1X1024		H3285	Oxygen	91	80	120
SW8015M							
	BS1X0311	AIR	I1278	TPH-Gasoline	91	70	130
	BS1X0311		I1277	TPH-Gasoline	91	70	130
	BS1X1104		H3285	TPH-Gasoline	106	70	130
TO-14							
	BS1X0303	AIR	I1278	1,1,1-Trichloroethane	86	72	125
	BS1X0303		I1277	1,1,1-Trichloroethane	86	72	125
	BS1X0303		I1277	1,1,2,2-Tetrachloroethane	100	75	125
	BS1X0303		I1278	1,1,2,2-Tetrachloroethane	100	75	125
	BS1X0303		I1278	1,1,2-Trichloro-1,2,2-trifluoroethane	85	75	125
	BS1X0303		I1277	1,1,2-Trichloro-1,2,2-trifluoroethane	85	75	125
	BS1X0303		I1278	1,1,2-Trichloroethane	85	75	125
	BS1X0303		I1277	1,1,2-Trichloroethane	85	75	125
	BS1X0303		I1277	1,1-Dichloroethane	90	75	125
	BS1X0303		I1278	1,1-Dichloroethane	90	75	125
	BS1X0303		I1277	1,1-Dichloroethene	83	75	125
	BS1X0303		I1278	1,1-Dichloroethene	83	75	125
	BS1X0303		I1277	1,2,4-Trichlorobenzene	86	75	125
	BS1X0303		I1278	1,2,4-Trichlorobenzene	86	75	125
	BS1X0303		I1277	1,2,4-Trimethylbenzene	93	75	125
	BS1X0303		I1278	1,2,4-Trimethylbenzene	93	75	125
	BS1X0303		I1277	1,2-Dibromoethane	86	74	125
	BS1X0303		I1278	1,2-Dibromoethane	86	74	125
	BS1X0303		I1277	1,2-Dichloro-1,1,2,2-tetrafluoroethane	97	75	125
	BS1X0303		I1278	1,2-Dichloro-1,1,2,2-tetrafluoroethane	97	75	125
	BS1X0303		I1277	1,2-Dichlorobenzene	93	75	125
	BS1X0303		I1278	1,2-Dichlorobenzene	93	75	125

Table 6. Laboratory Control Spike Samples Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO-14							
	BS1X0303	AIR	I1278	1,2-Dichloroethane	94	75	125
	BS1X0303		I1277	1,2-Dichloroethane	94	75	125
	BS1X0303		I1278	1,2-Dichloropropane	89	75	125
	BS1X0303		I1277	1,2-Dichloropropane	89	75	125
	BS1X0303		I1278	1,3,5-Trimethylbenzene	92	75	125
	BS1X0303		I1277	1,3,5-Trimethylbenzene	92	75	125
	BS1X0303		I1277	1,3-Dichlorobenzene	93	75	125
	BS1X0303		I1278	1,3-Dichlorobenzene	93	75	125
	BS1X0303		I1277	1,4-Dichlorobenzene	95	75	125
	BS1X0303		I1278	1,4-Dichlorobenzene	95	75	125
	BS1X0303		I1278	Acetone	82	70	130
	BS1X0303		I1277	Acetone	82	70	130
	BS1X0303		I1277	Benzene	86	75	127
	BS1X0303		I1278	Benzene	86	75	127
	BS1X0303		I1277	Bromomethane	96	75	125
	BS1X0303		I1278	Bromomethane	96	75	125
	BS1X0303		I1277	Carbon tetrachloride	86	72	125
	BS1X0303		I1278	Carbon tetrachloride	86	72	125
	BS1X0303		I1278	Chlorobenzene	84	75	125
	BS1X0303		I1277	Chlorobenzene	84	75	125
	BS1X0303		I1277	Chloroethane	105	75	125
	BS1X0303		I1278	Chloroethane	105	75	125
	BS1X0303		I1278	Chloroform	87	75	125
	BS1X0303		I1277	Chloroform	87	75	125
	BS1X0303		I1277	Chloromethane	99	75	125
	BS1X0303		I1278	Chloromethane	99	75	125
	BS1X0303		I1277	cis-1,2-Dichloroethene	90	75	125
	BS1X0303		I1278	cis-1,2-Dichloroethene	90	75	125
	BS1X0303		I1277	cis-1,3-Dichloropropene	88	75	125
	BS1X0303		I1278	cis-1,3-Dichloropropene	88	75	125
	BS1X0303		I1277	Dichlorodifluoromethane	98	75	125
	BS1X0303		I1278	Dichlorodifluoromethane	98	75	125
	BS1X0303		I1277	Ethylbenzene	86	75	125
	BS1X0303		I1278	Ethylbenzene	86	75	125
	BS1X0303		I1277	Hexachlorobutadiene	84	75	125
	BS1X0303		I1278	Hexachlorobutadiene	84	75	125
	BS1X0303		I1278	m,p-Xylene	82	75	125
	BS1X0303		I1277	m,p-Xylene	82	75	125
	BS1X0303		I1277	MEK (2-Butanone)	89	70	130
	BS1X0303		I1278	MEK (2-Butanone)	89	70	130
	BS1X0303		I1277	Methylene chloride	87	75	125
	BS1X0303		I1278	Methylene chloride	87	75	125

Table 6. Laboratory Control Spike Samples Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO-14							
	BS1X0303	AIR	I1277	MTBE	83	70	130
	BS1X0303		I1278	MTBE	83	70	130
	BS1X0303		I1277	o-Xylene	98	75	137
	BS1X0303		I1278	o-Xylene	98	75	137
	BS1X0303		I1278	Styrene	101	75	135
	BS1X0303		I1277	Styrene	101	75	135
	BS1X0303		I1278	Tetrachloroethene	79	75	125
	BS1X0303		I1277	Tetrachloroethene	79	75	125
	BS1X0303		I1277	Toluene	86	75	125
	BS1X0303		I1278	Toluene	86	75	125
	BS1X0303		I1278	trans-1,3-Dichloropropene	90	75	125
	BS1X0303		I1277	trans-1,3-Dichloropropene	90	75	125
	BS1X0303		I1278	Trichloroethene	80	75	125
	BS1X0303		I1277	Trichloroethene	80	75	125
	BS1X0303		I1278	Trichlorofluoromethane	93	75	125
	BS1X0303		I1277	Trichlorofluoromethane	93	75	125
	BS1X0303		I1278	Vinyl Chloride	104	75	125
	BS1X0303		I1277	Vinyl Chloride	104	75	125
	BS1X0309		I1277	1,1,1-Trichloroethane	96	72	125
	BS1X0309		I1278	1,1,1-Trichloroethane	96	72	125
	BS1X0309		I1277	1,1,2,2-Tetrachloroethane	93	75	125
	BS1X0309		I1278	1,1,2,2-Tetrachloroethane	93	75	125
	BS1X0309		I1278	1,1,2-Trichloro-1,2,2-trifluoroethane	93	75	125
	BS1X0309		I1277	1,1,2-Trichloro-1,2,2-trifluoroethane	93	75	125
	BS1X0309		I1277	1,1,2-Trichloroethane	94	75	125
	BS1X0309		I1278	1,1,2-Trichloroethane	94	75	125
	BS1X0309		I1277	1,1-Dichloroethane	95	75	125
	BS1X0309		I1278	1,1-Dichloroethane	95	75	125
	BS1X0309		I1277	1,1-Dichloroethene	95	75	125
	BS1X0309		I1278	1,1-Dichloroethene	95	75	125
	BS1X0309		I1277	1,2,4-Trichlorobenzene	100	75	125
	BS1X0309		I1278	1,2,4-Trichlorobenzene	100	75	125
	BS1X0309		I1277	1,2,4-Trimethylbenzene	95	75	125
	BS1X0309		I1278	1,2,4-Trimethylbenzene	95	75	125
	BS1X0309		I1277	1,2-Dibromoethane	100	74	125
	BS1X0309		I1278	1,2-Dibromoethane	100	74	125
	BS1X0309		I1277	1,2-Dichloro-1,1,2,2-tetrafluoroethane	94	75	125
	BS1X0309		I1278	1,2-Dichloro-1,1,2,2-tetrafluoroethane	94	75	125
	BS1X0309		I1277	1,2-Dichlorobenzene	95	75	125
	BS1X0309		I1278	1,2-Dichlorobenzene	95	75	125
	BS1X0309		I1278	1,2-Dichloroethane	97	75	125
	BS1X0309		I1277	1,2-Dichloroethane	97	75	125

Table 6. Laboratory Control Spike Samples Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO-14							
	BS1X0309	AIR	I1277	1,2-Dichloropropane	93	75	125
	BS1X0309		I1278	1,2-Dichloropropane	93	75	125
	BS1X0309		I1277	1,3,5-Trimethylbenzene	92	75	125
	BS1X0309		I1278	1,3,5-Trimethylbenzene	92	75	125
	BS1X0309		I1278	1,3-Dichlorobenzene	95	75	125
	BS1X0309		I1277	1,3-Dichlorobenzene	95	75	125
	BS1X0309		I1277	1,4-Dichlorobenzene	95	75	125
	BS1X0309		I1278	1,4-Dichlorobenzene	95	75	125
	BS1X0309		I1277	Acetone	91	70	130
	BS1X0309		I1278	Acetone	91	70	130
	BS1X0309		I1277	Benzene	91	75	127
	BS1X0309		I1278	Benzene	91	75	127
	BS1X0309		I1278	Bromomethane	95	75	125
	BS1X0309		I1277	Bromomethane	95	75	125
	BS1X0309		I1277	Carbon tetrachloride	98	72	125
	BS1X0309		I1278	Carbon tetrachloride	98	72	125
	BS1X0309		I1277	Chlorobenzene	91	75	125
	BS1X0309		I1278	Chlorobenzene	91	75	125
	BS1X0309		I1277	Chloroethane	95	75	125
	BS1X0309		I1278	Chloroethane	95	75	125
	BS1X0309		I1277	Chloroform	96	75	125
	BS1X0309		I1278	Chloroform	96	75	125
	BS1X0309		I1277	Chloromethane	95	75	125
	BS1X0309		I1278	Chloromethane	95	75	125
	BS1X0309		I1277	cis-1,2-Dichloroethene	97	75	125
	BS1X0309		I1278	cis-1,2-Dichloroethene	97	75	125
	BS1X0309		I1278	cis-1,3-Dichloropropene	100	75	125
	BS1X0309		I1277	cis-1,3-Dichloropropene	100	75	125
	BS1X0309		I1277	Dichlorodifluoromethane	94	75	125
	BS1X0309		I1278	Dichlorodifluoromethane	94	75	125
	BS1X0309		I1278	Ethylbenzene	92	75	125
	BS1X0309		I1277	Ethylbenzene	92	75	125
	BS1X0309		I1278	Hexachlorobutadiene	90	75	125
	BS1X0309		I1277	Hexachlorobutadiene	90	75	125
	BS1X0309		I1278	m,p-Xylene	93	75	125
	BS1X0309		I1277	m,p-Xylene	93	75	125
	BS1X0309		I1277	MEK (2-Butanone)	96	70	130
	BS1X0309		I1278	MEK (2-Butanone)	96	70	130
	BS1X0309		I1277	Methylene chloride	94	75	125
	BS1X0309		I1278	Methylene chloride	94	75	125
	BS1X0309		I1277	MTBE	94	70	130
	BS1X0309		I1278	MTBE	94	70	130

Table 6. Laboratory Control Spike Samples Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO-14							
	BS1X0309	AIR	I1277	o-Xylene	92	75	137
	BS1X0309		I1278	o-Xylene	92	75	137
	BS1X0309		I1278	Styrene	92	75	135
	BS1X0309		I1277	Styrene	92	75	135
	BS1X0309		I1278	Tetrachloroethene	97	75	125
	BS1X0309		I1277	Tetrachloroethene	97	75	125
	BS1X0309		I1278	Toluene	94	75	125
	BS1X0309		I1277	Toluene	94	75	125
	BS1X0309		I1278	trans-1,3-Dichloropropene	102	75	125
	BS1X0309		I1277	trans-1,3-Dichloropropene	102	75	125
	BS1X0309		I1277	Trichloroethene	93	75	125
	BS1X0309		I1278	Trichloroethene	93	75	125
	BS1X0309		I1278	Trichlorofluoromethane	96	75	125
	BS1X0309		I1277	Trichlorofluoromethane	96	75	125
	BS1X0309		I1277	Vinyl Chloride	95	75	125
	BS1X0309		I1278	Vinyl Chloride	95	75	125
	BS1X1119		H3285	1,1,1-Trichloroethane	80	72	125
	BS1X1119		H3285	1,1,2,2-Tetrachloroethane	113	75	125
	BS1X1119		H3285	1,1,2-Trichloro-1,2,2-trifluoroethane	82	75	125
	BS1X1119		H3285	1,1,2-Trichloroethane	86	75	125
	BS1X1119		H3285	1,1-Dichloroethane	85	75	125
	BS1X1119		H3285	**1,1-Dichloroethene**	**74**	**75**	**125**
	BS1X1119		H3285	1,2,4-Trichlorobenzene	121	75	125
	BS1X1119		H3285	1,2,4-Trimethylbenzene	98	75	125
	BS1X1119		H3285	1,2-Dibromoethane	89	74	125
	BS1X1119		H3285	1,2-Dichloro-1,1,2,2-tetrafluoroethane	82	75	125
	BS1X1119		H3285	1,2-Dichlorobenzene	101	75	125
	BS1X1119		H3285	1,2-Dichloroethane	79	75	125
	BS1X1119		H3285	1,2-Dichloropropane	83	75	125
	BS1X1119		H3285	1,3,5-Trimethylbenzene	103	75	125
	BS1X1119		H3285	1,3-Dichlorobenzene	98	75	125
	BS1X1119		H3285	1,4-Dichlorobenzene	102	75	125
	BS1X1119		H3285	Acetone	84	70	130
	BS1X1119		H3285	Benzene	79	75	127
	BS1X1119		H3285	Bromomethane	78	75	125
	BS1X1119		H3285	Carbon tetrachloride	82	72	125
	BS1X1119		H3285	Chlorobenzene	88	75	125
	BS1X1119		H3285	Chloroethane	81	75	125
	BS1X1119		H3285	Chloroform	84	75	125
	BS1X1119		H3285	Chloromethane	82	75	125
	BS1X1119		H3285	cis-1,2-Dichloroethene	84	75	125
	BS1X1119		H3285	cis-1,3-Dichloropropene	85	75	125

Table 6. Laboratory Control Spike Samples Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO-14							
	BS1X1119	AIR	H3285	Dichlorodifluoromethane	79	75	125
	BS1X1119		H3285	Ethylbenzene	89	75	125
	BS1X1119		H3285	Hexachlorobutadiene	104	75	125
	BS1X1119		H3285	m,p-Xylene	87	75	125
	BS1X1119		H3285	MEK (2-Butanone)	88	70	130
	BS1X1119		H3285	Methylene chloride	80	75	125
	BS1X1119		H3285	MTBE	80	70	130
	BS1X1119		H3285	o-Xylene	87	75	137
	BS1X1119		H3285	Styrene	91	75	135
	BS1X1119		H3285	Tetrachloroethene	78	75	125
	BS1X1119		H3285	Toluene	86	75	125
	BS1X1119		H3285	trans-1,3-Dichloropropene	90	75	125
	BS1X1119		H3285	Trichloroethene	83	75	125
	BS1X1119		H3285	**Trichlorofluoromethane**	**74**	**75**	**125**
	BS1X1119		H3285	Vinyl Chloride	81	75	125
	BS2X0302		I1278	1,1,1-Trichloroethane	83	72	125
	BS2X0302		I1277	1,1,1-Trichloroethane	83	72	125
	BS2X0302		I1277	1,1,2,2-Tetrachloroethane	100	75	125
	BS2X0302		I1278	1,1,2,2-Tetrachloroethane	100	75	125
	BS2X0302		I1277	1,1,2-Trichloro-1,2,2-trifluoroethane	85	75	125
	BS2X0302		I1278	1,1,2-Trichloro-1,2,2-trifluoroethane	85	75	125
	BS2X0302		I1277	1,1,2-Trichloroethane	96	75	125
	BS2X0302		I1278	1,1,2-Trichloroethane	96	75	125
	BS2X0302		I1278	1,1-Dichloroethane	84	75	125
	BS2X0302		I1277	1,1-Dichloroethane	84	75	125
	BS2X0302		I1277	1,1-Dichloroethene	77	75	125
	BS2X0302		I1278	1,1-Dichloroethene	77	75	125
	BS2X0302		I1277	1,2,4-Trichlorobenzene	104	75	125
	BS2X0302		I1278	1,2,4-Trichlorobenzene	104	75	125
	BS2X0302		I1277	1,2,4-Trimethylbenzene	96	75	125
	BS2X0302		I1278	1,2,4-Trimethylbenzene	96	75	125
	BS2X0302		I1278	1,2-Dibromoethane	96	74	125
	BS2X0302		I1277	1,2-Dibromoethane	96	74	125
	BS2X0302		I1278	1,2-Dichloro-1,1,2,2-tetrafluoroethane	96	75	125
	BS2X0302		I1277	1,2-Dichloro-1,1,2,2-tetrafluoroethane	96	75	125
	BS2X0302		I1278	1,2-Dichlorobenzene	96	75	125
	BS2X0302		I1277	1,2-Dichlorobenzene	96	75	125
	BS2X0302		I1277	1,2-Dichloroethane	84	75	125
	BS2X0302		I1278	1,2-Dichloroethane	84	75	125
	BS2X0302		I1277	1,2-Dichloropropane	88	75	125
	BS2X0302		I1278	1,2-Dichloropropane	88	75	125
	BS2X0302		I1278	1,3,5-Trimethylbenzene	95	75	125

Table 6. Laboratory Control Spike Samples Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO-14							
	BS2X0302	AIR	I1277	1,3,5-Trimethylbenzene	95	75	125
	BS2X0302		I1278	1,3-Dichlorobenzene	97	75	125
	BS2X0302		I1277	1,3-Dichlorobenzene	97	75	125
	BS2X0302		I1278	1,4-Dichlorobenzene	100	75	125
	BS2X0302		I1277	1,4-Dichlorobenzene	100	75	125
	BS2X0302		I1277	Acetone	78	70	130
	BS2X0302		I1278	Acetone	78	70	130
	BS2X0302		I1277	Benzene	80	75	127
	BS2X0302		I1278	Benzene	80	75	127
	BS2X0302		I1278	Bromomethane	90	75	125
	BS2X0302		I1277	Bromomethane	90	75	125
	BS2X0302		I1278	Carbon tetrachloride	83	72	125
	BS2X0302		I1277	Carbon tetrachloride	83	72	125
	BS2X0302		I1278	Chlorobenzene	88	75	125
	BS2X0302		I1277	Chlorobenzene	88	75	125
	BS2X0302		I1277	Chloroethane	89	75	125
	BS2X0302		I1278	Chloroethane	89	75	125
	BS2X0302		I1277	Chloroform	83	75	125
	BS2X0302		I1278	Chloroform	83	75	125
	BS2X0302		I1277	Chloromethane	95	75	125
	BS2X0302		I1278	Chloromethane	95	75	125
	BS2X0302		I1277	cis-1,2-Dichloroethene	84	75	125
	BS2X0302		I1278	cis-1,2-Dichloroethene	84	75	125
	BS2X0302		I1278	cis-1,3-Dichloropropene	92	75	125
	BS2X0302		I1277	cis-1,3-Dichloropropene	92	75	125
	BS2X0302		I1278	Dichlorodifluoromethane	96	75	125
	BS2X0302		I1277	Dichlorodifluoromethane	96	75	125
	BS2X0302		I1278	Ethylbenzene	89	75	125
	BS2X0302		I1277	Ethylbenzene	89	75	125
	BS2X0302		I1278	Hexachlorobutadiene	100	75	125
	BS2X0302		I1277	Hexachlorobutadiene	100	75	125
	BS2X0302		I1278	m,p-Xylene	84	75	125
	BS2X0302		I1277	m,p-Xylene	84	75	125
	BS2X0302		I1278	MEK (2-Butanone)	89	70	130
	BS2X0302		I1277	MEK (2-Butanone)	89	70	130
	BS2X0302		I1277	Methylene chloride	81	75	125
	BS2X0302		I1278	Methylene chloride	81	75	125
	BS2X0302		I1278	MTBE	82	70	130
	BS2X0302		I1277	MTBE	82	70	130
	BS2X0302		I1277	o-Xylene	88	75	137
	BS2X0302		I1278	o-Xylene	88	75	137
	BS2X0302		I1277	Styrene	90	75	135

Table 6. Laboratory Control Spike Samples Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO-14							
	BS2X0302	AIR	I1278	Styrene	90	75	135
	BS2X0302		I1277	Tetrachloroethene	89	75	125
	BS2X0302		I1278	Tetrachloroethene	89	75	125
	BS2X0302		I1278	Toluene	92	75	125
	BS2X0302		I1277	Toluene	92	75	125
	BS2X0302		I1278	trans-1,3-Dichloropropene	96	75	125
	BS2X0302		I1277	trans-1,3-Dichloropropene	96	75	125
	BS2X0302		I1278	Trichloroethene	86	75	125
	BS2X0302		I1277	Trichloroethene	86	75	125
	BS2X0302		I1277	Trichlorofluoromethane	84	75	125
	BS2X0302		I1278	Trichlorofluoromethane	84	75	125
	BS2X0302		I1278	Vinyl Chloride	95	75	125
	BS2X0302		I1277	Vinyl Chloride	95	75	125
	BSIX1112		H3285	1,1,1-Trichloroethane	89	72	125
	BSIX1112		H3285	1,1,2,2-Tetrachloroethane	85	75	125
	BSIX1112		H3285	1,1,2-Trichloro-1,2,2-trifluoroethane	99	75	125
	BSIX1112		H3285	1,1,2-Trichloroethane	105	75	125
	BSIX1112		H3285	1,1-Dichloroethane	97	75	125
	BSIX1112		H3285	1,1-Dichloroethene	93	75	125
	BSIX1112		H3285	**1,2,4-Trichlorobenzene**	**136**	**75**	**125**
	BSIX1112		H3285	1,2,4-Trimethylbenzene	104	75	125
	BSIX1112		H3285	1,2-Dibromoethane	107	74	125
	BSIX1112		H3285	1,2-Dichloro-1,1,2,2-tetrafluoroethane	103	75	125
	BSIX1112		H3285	1,2-Dichlorobenzene	112	75	125
	BSIX1112		H3285	1,2-Dichloroethane	91	75	125
	BSIX1112		H3285	1,2-Dichloropropane	102	75	125
	BSIX1112		H3285	1,3,5-Trimethylbenzene	101	75	125
	BSIX1112		H3285	1,3-Dichlorobenzene	110	75	125
	BSIX1112		H3285	1,4-Dichlorobenzene	111	75	125
	BSIX1112		H3285	Acetone	81	70	130
	BSIX1112		H3285	Benzene	96	75	127
	BSIX1112		H3285	Bromomethane	115	75	125
	BSIX1112		H3285	Carbon tetrachloride	87	72	125
	BSIX1112		H3285	Chlorobenzene	101	75	125
	BSIX1112		H3285	Chloroethane	123	75	125
	BSIX1112		H3285	Chloroform	94	75	125
	BSIX1112		H3285	Chloromethane	107	75	125
	BSIX1112		H3285	cis-1,2-Dichloroethene	95	75	125
	BSIX1112		H3285	cis-1,3-Dichloropropene	104	75	125
	BSIX1112		H3285	Dichlorodifluoromethane	101	75	125
	BSIX1112		H3285	Ethylbenzene	100	75	125
	BSIX1112		H3285	Hexachlorobutadiene	112	75	125

Table 6. Laboratory Control Spike Samples Data Summary for Bulk Fuels Facility ST-106 Soil Vapor Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO-14							
	BSIX1112	AIR	H3285	m,p-Xylene	95	75	125
	BSIX1112		H3285	MEK (2-Butanone)	92	70	130
	BSIX1112		H3285	Methylene chloride	94	75	125
	BSIX1112		H3285	MTBE	79	70	130
	BSIX1112		H3285	o-Xylene	99	75	137
	BSIX1112		H3285	Styrene	105	75	135
	BSIX1112		H3285	Tetrachloroethene	95	75	125
	BSIX1112		H3285	Toluene	101	75	125
	BSIX1112		H3285	trans-1,3-Dichloropropene	105	75	125
	BSIX1112		H3285	Trichloroethene	99	75	125
	BSIX1112		H3285	Trichlorofluoromethane	99	75	125
	BSIX1112		H3285	Vinyl Chloride	116	75	125

Bold formatting indicates recoveries below the lower control limit or above the upper control limit.

THIS PAGE INTENTIONALLY LEFT BLANK

APPENDIX B

Data Quality Evaluation Reports and Tables

Data Quality Evaluation Report and Tables Groundwater Samples Collected October 22, 2008 through October 30, 2008

CONTENTS

Section **Page**

1.0 INTRODUCTION 1

1.1 Analytical Data 1

2.0 DATA VERIFICATION RESULTS 2

2.1 Completeness Evaluation 2
2.1.1 Sampling Completeness 2
2.1.2 Analytical Completeness 2
2.2 Representativeness Evaluation 2
2.2.1 Holding Time and Preservation 2
2.2.2 Method Blank Samples 2
2.2.3 Field Blank Samples 3
2.3 Accuracy Evaluation 3
2.3.1 Calibration 3
2.3.2 Laboratory Control Samples 4
2.3.3 Internal Standards 4
2.3.4 Matrix Spikes 4
2.3.5 Surrogate Samples 4
2.4 Precision Evaluation 5
2.4.1 Field Duplicates 5
2.4.2 Laboratory Control Sample Duplicates 5
2.4.3 Matrix Spike Duplicates 5
2.4.4 Confirmation 5
2.5 Comparability Evaluation 5

3.0 OVERALL ASSESSMENTS 5

REFERENCES 7

ATTACHMENT

Data Validation Tables

ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
CCV	continuing calibration verification
%D	percent difference
DQE	data quality evaluation
DRO	diesel range organics
EPA	Environmental Protection Agency
GRO	Gasoline Range Organics
ICAL	initial calibration
LCS/LCSD	laboratory control spike/laboratory control spike duplicate
NFG	National Functional Guidelines
PARCC	precision, accuracy, representativeness, comparability, and completeness
PAH	Polyaromatic hydrocarbon
QAPP	quality assurance project plan
QC	quality control
RL	reporting limit
RPD	relative percent difference
SVOC	semivolatile organic compound
TB	trip blank
VOC	volatile organic compound

1.0 INTRODUCTION

This data quality evaluation (DQE) report presents the analytical results for groundwater samples collected from the Bulk Fuels Facility (ST-106) at Kirtland Air Force Base (AFB), New Mexico. Groundwater samples were collected October 22, 2008 through October 30, 2008. Guidance for this DQE report came from the *Kirtland AFB Bulk Fuels Facility Quality Assurance Project Plan (ST-106 QAPP)* (USAF, 2007), the *U.S. Environmental Protection Agency (EPA) Contract Laboratory National Functional Guidelines (NFG) for Organic Review* (EPA, 1999), the *U.S. EPA Contract Laboratory NFG for Inorganic Review* (EPA, 2004), and individual method requirements. The analytical results were evaluated using the criteria of precision, accuracy, representativeness, comparability, and completeness (PARCC) as defined in the ST-106 QAPP.

1.1 Analytical Data

This DQE report covers 13 water samples, 2 field duplicates (FD) and 5 trip blanks (TB). The samples were reported as 5 sample delivery groups identified as 2510731, 2510747, D8J290148, D8J300183 and D8J310209. The samples were collected and delivered to Test America Laboratories in Denver, Colorado and PEL Laboratories in Tampa, Florida. The samples were analyzed by one or more of the methods listed in Table 1. Due to the size of some tables, all tables are located at the end of this document.

The analytical results were assessed by reviewing the following: (1) the chain-of-custody documentation; (2) holding-time compliance; (3) calibration criteria; (4) method blank and field blank (TB) samples; (5) laboratory control spike /laboratory control spike duplicate samples (LCS/LCSD) ; (6) surrogate spike recoveries; (7) internal standard recoveries; and 8 the required quality control (QC) samples at the specified frequencies.

Data flags were assigned according to the ST-106 QAPP. Multiple flags are routinely applied to specific sample method, matrix, and analyte combinations, but there will only be one final flag. A final flag is applied to the data and is the most conservative of the applied validation flags. The final flag also includes matrix and blank sample impacts.

The data flags are those listed in the ST-106 QAPP, and are defined below:

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- R = The sample result was rejected due to serious deficiencies in the ability to analyze the sample and meet the QC criteria. The presence or absence of the analyte could not be verified.
- U = The analyte was analyzed for but was not detected above the reported sample quantitation limit.
- UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

A summary of the qualified data is presented in Table 2.

2.0 DATA VERIFICATION RESULTS

2.1 Completeness Evaluation

2.1.1 Sampling Completeness

Sampling completeness was assessed by reviewing the chain-of-custody documentation. Required procedures were followed and all acceptance criteria were met indicating sample completeness for this project was 100 percent.

2.1.2 Analytical Completeness

Analytical completeness was evaluated using the following equation:

$$\text{Completeness} = \frac{\text{Number of valid data points}}{\text{Total number of measurements}} \times 100$$

Where:

The number of valid data points is the total number of valid analytical measurements based on the precision, accuracy, and holding-time evaluation.

All samples were analyzed according to the ST-106 QAPP. Based on the results of the data verification, all data are considered valid as qualified with the exception of benzoic acid which was rejected for project use in several samples. The analytical completeness goal of 95 percent was met for the project with the exception of benzoic acid which was 88% complete. The analytical results are listed in Table 3.

2.2 Representativeness Evaluation

Representativeness is a qualitative expression of the degree to which sample data accurately and precisely represent a characteristic of a population, sampling point or an environmental condition. Representativeness is maximized by ensuring that the number and location of sampling points, sample collection and analysis methods are appropriate for the specific investigation and that the sampling and analysis program provides data that reflects “true” site conditions. The data were evaluated for representativeness by assessing the following: the use of standard methods and reporting units, sample preservation, holding-time compliance, and method and field blank results.

2.2.1 Holding Time and Preservation

Holding time is the length of time after sample collection to extraction and/or analysis. All sample analyses met holding-time requirements for this project.

The sample holding times for this project are listed in Table 4.

2.2.2 Method Blank Samples

A method blank contains all the target analytes of interest and is carried through the same analytical procedures as the environmental samples. Method blanks were analyzed at the required frequency and were free of contamination with the following exceptions:

Methylene chloride was detected at a concentration less than the reporting limit (RL) in several method blanks associated with the volatile organic compound (VOC) analyses. The data were qualified as not detected at the concentration measured and flagged "U" when the associated sample concentrations were less than ten times the concentrations detected in the blank.

The results of the method blank analyses are presented in Table 5.

2.2.3 Field Blank Samples

A TB was collected, analyzed and was generally free of contamination.

Acetone and methylene chloride were detected at concentrations less than the RL in several TBs associated with the VOC analyses. The data were qualified as not detected at the concentration measured and flagged "U" when the associated sample concentrations were less than ten times the concentrations detected in the blanks.

TPH-Gasoline was detected at a concentration less than the RL in several TBs associated with the GRO analyses. The data were qualified as not detected at the concentration measured and flagged "U" when the associated sample concentrations were less than five times the concentrations detected in the blanks.

The results of the TB analyses are presented in Table 5.

2.3 Accuracy Evaluation

Accuracy is a measure of the level of agreement between a measurement and a known true value. Accuracy is evaluated by percent recovery (%R), which is calculated using the following equation:

$$\%R = \frac{A-B}{C} \times 100$$

Where,

A = the measured concentration of the analyte in the spiked sample;
B = the measured concentration of the analyte in the unspiked sample; and
C = the concentration of the analyte used for spiking.

Accuracy was evaluated using initial and continuing calibration recoveries, LCS/LCSD recoveries, MS/MSD recoveries, internal standard recoveries, and surrogate spike recoveries.

2.3.1 Calibration

Initial and continuing calibration analyses were performed as required by the methods and generally met acceptance criteria with the following exceptions:

The percent relative standard deviation (%RSD) was greater than method criteria in one initial calibration (ICAL) associated with the VOC analysis. The data were qualified as estimated non-detected results and flagged "UJ" in the associated samples.

The relative response factor (RRF) was less than method criteria for 2-butanone in one VOC ICAL, as well as the continuing calibration verification (CCV) analyzed, indicating a possible low sample bias. The associated data were qualified as estimated non-detected results and flagged "UJ" in the samples.

The percent difference (%D) for benzoic acid was less than method criteria in several semivolatile organic compound (SVOC) CCVs, indicating a possible low sample bias. The associated data were qualified as estimated non-detected results and flagged "UJ" in the associated samples.

The %D for benzo(g,h,i)perylene was less than method criteria in several polyaromatic hydrocarbon (PAH) CCVs, indicating a possible low sample bias. The associated data were qualified as estimated non-detected results and flagged "UJ" in the associated samples.

2.3.2 Laboratory Control Samples

LCS/LCSDs were analyzed to assess accuracy in the absence of matrix effects. All accuracy criteria were met with the following exceptions:

Benzoic acid was recovered less than the lower control limits in a LCS associated with the SVOC analyses. The data were qualified as estimated non-detected results and flagged "UJ" in the associated samples. In addition, there was one instance where benzoic acid was not recovered in the LCS. The non-detected data in the associated samples were rejected for project use and flagged "R".

Laboratory control sample results are presented in Table 6.

2.3.3 Internal Standards

Internal standards were added to the methods requiring their use and all acceptance criteria were met.

2.3.4 Matrix Spikes

Site specific MS/MSD samples were analyzed to assess accuracy and to identify possible matrix effects associated with the samples. Only the "parent" samples were qualified for MS issues, but data users should take into consideration low spike recoveries when evaluating other sites which may be similar to these sample locations. MS/MSD samples were analyzed as required and all accuracy criteria were met.

Matrix spike results are presented in Table 7.

2.3.5 Surrogate Samples

Surrogates were added to all samples for the methods requiring their use. All QC criteria were met with the following exceptions:

Several VOC surrogates were recovered less than the lower control limits in samples ST-106-GW-VA2-28102008 and ST-106-GW-VA2-28102008D. The data were qualified as estimated detected and non-detected results and flagged "J" and "UJ" respectively, in the samples.

One PAH surrogate was recovered greater than upper control limits in sample ST-106-GW-KAFB1061-2910. Detected results were qualified as estimated and flagged "J" in the sample. Non-detected results were not qualified.

One surrogate associated with the diesel range organics (DRO) analysis was recovered less than lower control limits in multiple samples. The data were qualified as estimated detected and non-detected results

and flagged “J” and “UJ” respectively, in the associated samples.

2.4 Precision Evaluation

Precision measures the reproducibility of measurements under a given set of conditions and is expressed as relative percent difference (RPD):

$$RPD = \left(\frac{|A-B|}{[A+B]/2} \right) \times 100$$

Where,

A = the concentration of “parent” sample, and
B = the concentration of the “duplicate/replicate” sample.

Precision was evaluated for this project using FD, LCSD, MSD and confirmation recoveries.

2.4.1 Field Duplicates

FDs were analyzed at the required frequency and met all precision criteria with the following exception:

The RPD between the samples ST-106-GW-10611-27102008 and ST-106-GW-10611-27102008FD did not meet method criteria for dissolved iron. The data were qualified as estimated detected results and flagged “J” in the FD pair.

2.4.2 Laboratory Control Sample Duplicates

LCSD samples were analyzed and all precision criteria were met.

2.4.3 Matrix Spike Duplicates

MSD samples were analyzed as required and all acceptance criteria were met.

2.4.4 Confirmation

Confirmation samples were analyzed according to methods requiring their use and met all QC criteria with the following exception:

The RPD between the primary and confirmation column exceeded method criteria for 1, 2-dibromoethane in sample ST-106-GW-KAFB3411-30102008. The data was qualified as estimated and flagged “J” in the sample.

2.5 Comparability Evaluation

Comparability is expressed as the confidence level in which one data set may be compared to another data set. Standardized methodology was used in the collection, analysis, and reporting of the data. Therefore, the data from this sampling event should be comparable to data collected previously at the site.

3.0 OVERALL ASSESSMENTS

Review of laboratory control data and field QC indicators were used to assess the PARCC of the groundwater samples collected by CH2M HILL at ST-106. The assessment concluded that the PARCC of

the data are generally acceptable. Evaluation of the data was modeled after the *USEPA NFG for Organic Data Review* (EPA, 1999), the *USEPA NFG for Inorganic Data Review (EPA, 2004)*, the ST-106 QAPP (USAF, 2007), and individual method requirements.

Precision of the data was verified through the review of the field and laboratory data quality indicators that include FD, LCS/LCSD, MS/MSD and confirmation RPDs. Precision was generally acceptable with the exception of 1,2-dibromoethane which was qualified as estimated in one sample due to confirmation RPD issues. Data users should consider the impact to any result that is qualified as estimated as it may contain a bias which could affect the decision making process.

Accuracy of the data was verified through the review of calibration data, LCS/LCSD, MS/MSD, internal standards, and surrogate spike data. Accuracy was generally acceptable with a few compounds being qualified as estimated due to calibration, LCS and surrogate spike issues. In addition, there were a few instances where benzoic acid was rejected for project use due to LCS issues.

Representativeness of the data was verified through the sample's collection, storage and preservation procedures, verification of holding-time compliance, and the evaluation of method and field blank data. The laboratory did not note any issues related to sample preservation or storage of the samples. All data were reported from analyses within the EPA recommended holding time. A few analytes were qualified as not detected and flagged "U" in several samples due to contamination in the method blank and/or TBs.

Comparability of the data was ensured through the use of standard EPA analytical procedures and standard units for reporting. Results obtained are comparable to industry standards in that collection and analytical techniques followed approved, documented procedures.

Completeness is a measure of the number of valid measurements obtained in relation to the total number of measurements planned. Completeness is expressed as the percentage of valid or usable measurements, compared to planned measurements. Valid data are defined as all data that are not rejected for project use. All data were considered valid as qualified with the exception of benzoic acid which was rejected for project use in several samples. The completeness goal of 95 percent was met for all methods and analytes except benzoic acid which was 88% complete.

REFERENCES

EPA, 1996. *EPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846) 3rd ed. with updates.* U.S. Environmental Protection Agency.

EPA, 1995. *Methods for the Determination of Organic Compounds in Drinking Water*, U.S. Environmental Protection Agency 500 Supplement III, Revision 1.1. August.

EPA, 1993. *Determination of Inorganic Anions in Drinking Water by Ion Chromatography*, U.S. Environmental Protection Agency.

EPA, 1999b. *Contract Laboratory Program National Functional Guidelines for Organic Data Review.* U.S. Environmental Protection Agency. EPA540/R-99/008. October.

EPA, 2004. *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review.* U.S. Environmental Protection Agency. EPA540/R-04/004. October.

USAF, 2007. *Kirtland AFB (KAFB) Bulk Fuels Facility Quality Assurance Project Plan (ST-106 QAPP)* U. S. Air Force, Kirtland Air Force Base, New Mexico. January.

ATTACHMENT
Data Validation Tables

Table 1. Summary of Analytical Parameters for Bulk Fuels Facility ST-106 Groundwater Samples

Parameter	Method	Laboratory
Volatile Organic Compounds (VOC)	SW8260B (EPA, 1996)	Test America-Denver/PEL
Semi-volatile Organic Compounds (SVOC)	SW8270C (EPA, 1996)	Test America-Denver/PEL
Polyaromatic Hydrocarbons (PAH)	SW8310 (EPA, 1996)	Test America-Denver/PEL
Gasoline Range Organics (C6-C10) (GRO)	SW8015-P (EPA, 1996)	Test America-Denver/PEL
Diesel Range Organics (C10-C28) (DRO)	SW8015-E (EPA, 1996)	Test America-Denver/PEL
Metals (dissolved Iron and Manganese)	SW6010B (EPA, 1996)	Test America-Denver/PEL
1,2-Dibromoethane	EPA 504.1/SW8011 (EPA, 1995)	Test America-Denver/PEL
Nitrate	EPA 300 (EPA, 1996)	Test America-Denver/PEL

Table 2. Summary of Data Qualification for Bulk Fuels Facility ST-106 Groundwater Samples

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-10611-27102008	SW8260B	Hexachlorobutadiene	µg/L	1	UJ	IC>RSD&R2
ST106-GW-10611-27102008	SW8270C	Benzoic acid	µg/L	64.2	UJ	LCS<LCL
ST106-GW-10611-27102008	SW6010	Iron, dissolved	mg/L	0.774	J	FD>RPD
ST106-GW-10611-27102008	SW8015-E	Diesel Range Organics (C10-C28)	µg/L	150	J	Sur<LCL
ST106-GW-10611-27102008FD	SW8260B	Hexachlorobutadiene	µg/L	1	UJ	IC>RSD&R2
ST106-GW-10611-27102008FD	SW6010	Iron, dissolved	mg/L	1.05	J	FD>RPD
ST106-GW-10611-27102008FD	SW8270C	Benzoic acid	µg/L	65.9	UJ	LCS<LCL
ST106-GW-10612-28102008	SW8270C	Benzoic acid	µg/L	63.5	R	LCS<LCL
ST106-GW-10613-28102008	SW8270C	Benzoic acid	µg/L	63.8	R	LCS<LCL
ST106-GW-KAFB03-29102008	SW8310	Benzo(ghi)perylene	µg/L	0.2	UJ	CCV<LCL
ST106-GW-KAFB03-29102008	SW8015-P	Gasoline Range Organics (C6-C10)	µg/L	9	U	TB<RL
ST106-GW-KAFB03-29102008	SW8260B	Acetone	µg/L	3	U	TB<RL
ST106-GW-KAFB03-29102008	SW8270C	Benzoic acid	µg/L	60	UJ	CCV<LCL
ST106-GW-KAFB1061-29102008	SW8015-E	Diesel Range Organics (C10-C28)	mg/L	0.25	UJ	Sur<LCL
ST106-GW-KAFB1061-29102008	SW8270C	Benzoic acid	µg/L	60	UJ	CCV<LCL
ST106-GW-KAFB1061-29102008	SW8310	Fluorene	µg/L	0.1	J	Sur>UCL
ST106-GW-KAFB1061-29102008	SW8310	Benzo(ghi)perylene	µg/L	0.2	UJ	CCV<LCL
ST106-GW-KAFB1062-30102008	SW8270C	Benzoic acid	µg/L	60	UJ	CCV<LCL
ST106-GW-KAFB1062-30102008	SW8310	Benzo(ghi)perylene	µg/L	0.2	UJ	CCV<LCL
ST106-GW-KAFB1063-29102008	SW8260B	Acetone	µg/L	2.6	U	TB<RL
ST106-GW-KAFB1063-29102008	SW8015-P	Gasoline Range Organics (C6-C10)	µg/L	6.1	U	TB<RL
ST106-GW-KAFB1063-29102008	SW8310	Benzo(ghi)perylene	µg/L	0.2	UJ	CCV<LCL
ST106-GW-KAFB1063-29102008	SW8270C	Benzoic acid	µg/L	60	UJ	CCV<LCL
ST106-GW-KAFB1064-28102008	SW8260B	2-Butanone (MEK)	µg/L	6	UJ	IC RRF, CCVRRF
ST106-GW-KAFB1064-28102008	SW8270C	Benzoic acid	µg/L	60	UJ	CCV<LCL
ST106-GW-KAFB1067-29102008	SW8310	Benzo(ghi)perylene	µg/L	0.2	UJ	CCV<LCL
ST106-GW-KAFB1067-29102008	SW8270C	Benzoic acid	µg/L	60	UJ	CCV<LCL
ST106-GW-KAFB15-29102008	SW8310	Benzo(ghi)perylene	µg/L	0.2	UJ	CCV<LCL
ST106-GW-KAFB15-29102008	SW8260B	Methylene chloride	µg/L	0.33	U	LB<RL, TB<RL
ST106-GW-KAFB15-29102008	SW8270C	Benzoic acid	µg/L	60	UJ	CCV<LCL
ST106-GW-KAFB16-29102008	SW8270C	Benzoic acid	µg/L	60	UJ	CCV<LCL
ST106-GW-KAFB16-29102008	SW8310	Benzo(ghi)perylene	µg/L	0.2	UJ	CCV<LCL
ST106-GW-KAFB16-29102008	SW8015-E	Diesel Range Organics (C10-C28)	mg/L	0.25	UJ	Sur<LCL
ST106-GW-KAFB16-29102008	SW8015-P	Gasoline Range Organics (C6-C10)	µg/L	7.8	U	TB<RL
ST106-GW-KAFB3411-30102008	E504	1,2-Dibromoethane (EDB)	µg/L	0.017	J	CF>RPD
ST106-GW-KAFB3411-30102008	SW8310	Benzo(ghi)perylene	µg/L	0.2	UJ	CCV<LCL
ST106-GW-KAFB3411-30102008	SW8015-E	Diesel Range Organics (C10-C28)	mg/L	0.25	UJ	Sur<LCL
ST106-GW-KAFB3411-30102008	SW8270C	Benzoic acid	µg/L	60	UJ	CCV<LCL
ST106-GW-KAFB3411-30102008	SW8260B	Methylene chloride	µg/L	4	U	LB<RL, TB<RL

Table 2. Summary of Data Qualification for Bulk Fuels Facility ST-106 Groundwater Samples

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-VA2-28102008	SW8270C	Benzoic acid	µg/L	60	UJ	CCV<LCL
ST106-GW-VA2-28102008	SW8260B	trans-1,3-Dichloropropene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Ethylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Trichlorofluoromethane	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Hexachlorobutadiene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	2-Hexanone	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Isopropylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	4-Isopropyltoluene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Methylene chloride	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	4-Methyl-2-pentanone	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Naphthalene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Benzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	n-Propylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Styrene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,1,1,2-Tetrachloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,1,2,2-Tetrachloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Tetrachloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Toluene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,2,3-Trichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,2,4-Trichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,1,1-Trichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,1,2-Trichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Trichloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,2,3-Trichloropropane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,2,4-Trimethylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,3,5-Trimethylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Vinyl chloride	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	o-Xylene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Xylenes (total)	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Methyl tert-butyl ether	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	m-Xylene & p-Xylene	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Bromobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Bromochloromethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Bromodichloromethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,2-Dibromoethane (EDB)	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	2-Butanone (MEK)	µg/L	6	UJ	IC RRF, CCVRRF, Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Bromomethane	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	n-Butylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	sec-Butylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	tert-Butylbenzene	µg/L	1	UJ	Sur<LCL

Table 2. Summary of Data Qualification for Bulk Fuels Facility ST-106 Groundwater Samples

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-VA2-28102008	SW8260B	Carbon disulfide	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Carbon tetrachloride	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Chlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Dibromochloromethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Chloroethane	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Chloroform	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Chloromethane	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	2-Chlorotoluene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	4-Chlorotoluene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Dibromomethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,2-Dichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,3-Dichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,4-Dichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Dichlorodifluoromethane	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,1-Dichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,2-Dichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,1-Dichloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	cis-1,2-Dichloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	trans-1,2-Dichloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,2-Dichloropropane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,3-Dichloropropane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	2,2-Dichloropropane	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	1,1-Dichloropropene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	cis-1,3-Dichloropropene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008	SW8260B	Bromoform	µg/L	0.49	J	Sur<LCL
ST106-GW-VA2-28102008	SW8015-P	Gasoline Range Organics (C6-C10)	µg/L	12	U	TB<RL
ST106-GW-VA2-28102008DUP	SW8270C	Benzoic acid	µg/L	60	UJ	CCV<LCL
ST106-GW-VA2-28102008DUP	SW8260B	trans-1,3-Dichloropropene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Ethylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Trichlorofluoromethane	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Hexachlorobutadiene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	2-Hexanone	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Isopropylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	4-Isopropyltoluene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Methylene chloride	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	4-Methyl-2-pentanone	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Naphthalene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Benzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	n-Propylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Styrene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,1,1,2-Tetrachloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,1,2,2-Tetrachloroethane	µg/L	1	UJ	Sur<LCL

Table 2. Summary of Data Qualification for Bulk Fuels Facility ST-106 Groundwater Samples

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-VA2-28102008DUP	SW8260B	Tetrachloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Toluene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,2,3-Trichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,2,4-Trichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,1,1-Trichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,1,2-Trichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Trichloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,2,3-Trichloropropane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,2,4-Trimethylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,3,5-Trimethylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Vinyl chloride	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	o-Xylene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Xylenes (total)	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Methyl tert-butyl ether	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	m-Xylene & p-Xylene	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Bromobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Bromochloromethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Bromodichloromethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,2-Dibromoethane (EDB)	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	2-Butanone (MEK)	µg/L	6	UJ	IC RRF, CCVRRF, Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Bromomethane	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	n-Butylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	sec-Butylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	tert-Butylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Carbon disulfide	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Carbon tetrachloride	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Chlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Chloroethane	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Chloroform	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Chloromethane	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	2-Chlorotoluene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	4-Chlorotoluene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Dibromomethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,2-Dichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,3-Dichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,4-Dichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Dichlorodifluoromethane	µg/L	2	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,1-Dichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,2-Dichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,1-Dichloroethene	µg/L	1	UJ	Sur<LCL

Table 2. Summary of Data Qualification for Bulk Fuels Facility ST-106 Groundwater Samples

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-VA2-28102008DUP	SW8260B	cis-1,2-Dichloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	trans-1,2-Dichloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,2-Dichloropropane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,3-Dichloropropane	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	2,2-Dichloropropane	µg/L	5	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	1,1-Dichloropropene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	cis-1,3-Dichloropropene	µg/L	1	UJ	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Bromoform	µg/L	0.5	J	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8260B	Dibromochloromethane	µg/L	0.18	J	Sur<LCL
ST106-GW-VA2-28102008DUP	SW8015-P	Gasoline Range Organics (C6-C10)	µg/L	5.7	U	TB<RL

CCRRF	The continuing calibration verification relative response factor exceeded method criteria.
CCV<LCL	The continuing calibration verification was recovered less than method criteria.
CF>RPD	The RPD between the confirmation samples did not meet method criteria.
FD>RPD	The RPD between the native and field duplicate sample did not meet method criteria.
IC>RSD&R2	The initial calibration relative standard deviation exceeded method criteria.
ICRRF	The initial calibration relative response factor exceeded method criteria.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
LB<RL	The analyte was detected in the method blank at a concentration less than the reporting limit.
LCS<LCL	The laboratory control sample was recovered less than control limits.
µg/L	microgram per liter
mg/L	milligram per liter
R	The sample result was rejected due to serious deficiencies in the ability to analyze the sample and meet the QC criteria. The presence or absence of the analyte could not be verified.
Sur<LCL	The surrogate was recovered less than control limits.
Sur>UCL	The surrogate was recovered greater than control limits.
TB<RL	The analyte was detected in the TB at a concentration less than the reporting limit.
U	The analyte was not detected above the sample quantitation limit.
UJ	Analyte was not detected above the reported sample quantitation limit; the associated quantitation limit is approximate and may not accurately represent the analytical concentration.

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E300								
	ST106-GW-10611-27102008	WATER	N	Nitrate	10 U	0.015	10	MG/L
	ST106-GW-10611-27102008FD	WATER	FD	Nitrate	0.018 J	0.015	10	MG/L
	ST106-GW-10612-28102008	WATER	N	Nitrate	10 U	0.015	10	MG/L
	ST106-GW-10613-28102008	WATER	N	Nitrate	0.0471 J	0.015	10	MG/L
	ST106-GW-KAFB03-29102008	WATER	N	Nitrate	0.57 J	0.21	2.5	MG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Nitrate	0.5 U	0.042	0.5	MG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Nitrate	0.25 J	0.042	0.5	MG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Nitrate	3.1	0.042	0.5	MG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Nitrate	0.58	0.042	0.5	MG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Nitrate	0.47 J	0.21	2.5	MG/L
	ST106-GW-KAFB15-29102008	WATER	N	Nitrate	0.5 U	0.042	0.5	MG/L
	ST106-GW-KAFB16-29102008	WATER	N	Nitrate	0.5 U	0.042	0.5	MG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Nitrate	0.5 U	0.042	0.5	MG/L
	ST106-GW-VA2-28102008	WATER	N	Nitrate	0.23 J	0.042	0.5	MG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Nitrate	0.23 J	0.042	0.5	MG/L
E504								
	ST106-GW-KAFB03-29102008	WATER	N	1,2-Dibromoethane	0.02 U	0.0037	0.02	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,2-Dibromoethane	3.1	0.037	0.2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,2-Dibromoethane	0.02 U	0.0037	0.02	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2-Dibromoethane	0.02 U	0.0037	0.02	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2-Dibromoethane	0.02 U	0.0037	0.02	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2-Dibromoethane	0.02 U	0.0037	0.02	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2-Dibromoethane	0.02 U	0.0037	0.02	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2-Dibromoethane	0.02 U	0.0037	0.02	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E504								
	ST106-GW-KAFB3411-30102008	WATER	N	1,2-Dibromoethane	0.017 J	0.0037	0.02	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,2-Dibromoethane	0.02 U	0.0037	0.02	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2-Dibromoethane	0.02 U	0.0037	0.02	UG/L
SW6010								
	ST106-GW-10611-27102008	WATER	N	Iron	0.774 J	0.0055	0.1	MG/L
	ST106-GW-10611-27102008	WATER	N	Manganese	0.272	0.00035	0.01	MG/L
	ST106-GW-10611-27102008FD	WATER	FD	Iron	1.05 J	0.0055	0.1	MG/L
	ST106-GW-10611-27102008FD	WATER	FD	Manganese	0.285	0.00035	0.01	MG/L
	ST106-GW-10612-28102008	WATER	N	Iron	0.017 J	0.0055	0.1	MG/L
	ST106-GW-10612-28102008	WATER	N	Manganese	0.0487	0.00035	0.01	MG/L
	ST106-GW-10613-28102008	WATER	N	Iron	0.129	0.0055	0.1	MG/L
	ST106-GW-10613-28102008	WATER	N	Manganese	0.0627	0.00035	0.01	MG/L
SW6010B								
	ST106-GW-KAFB03-29102008	WATER	N	Iron, dissolved	100 U	22	100	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Manganese, dissolved	10 U	0.25	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Iron, dissolved	28 J	22	100	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Manganese, dissolved	67	0.25	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Iron, dissolved	110	22	100	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Manganese, dissolved	6.7 J	0.25	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Iron, dissolved	100 U	22	100	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Manganese, dissolved	10 U	0.25	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Iron, dissolved	100 U	22	100	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Manganese, dissolved	1.2 J	0.25	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Iron, dissolved	100 U	22	100	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW6010B								
	ST106-GW-KAFB1067-29102008	WATER	N	Manganese, dissolved	4.1 J	0.25	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Iron, dissolved	100 U	22	100	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Manganese, dissolved	20	0.25	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Iron, dissolved	100 U	22	100	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Manganese, dissolved	5.5 J	0.25	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Iron, dissolved	47 J	22	100	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Manganese, dissolved	260	0.25	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Iron, dissolved	37 J	22	100	UG/L
	ST106-GW-VA2-28102008	WATER	N	Manganese, dissolved	0.92 J	0.25	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Iron, dissolved	98 J	22	100	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Manganese, dissolved	1.3 J	0.25	10	UG/L
SW8011								
	ST106-GW-10611-27102008	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10611-27102008	WATER	N	1,2-Dibromoethane	0.054	0.0097	0.02	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2-Dibromoethane	0.043 J	0.0097	0.02	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2-Dibromo-3-chloropropane	0.0199 U	0.00818	0.0199	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2-Dibromoethane	0.0199 U	0.00967	0.0199	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
SW8015-E								
	ST106-GW-10611-27102008	WATER	N	TPH C10-C28	150 J	106	266	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	TPH C10-C28	180 J	106	264	UG/L
	ST106-GW-10612-28102008	WATER	N	TPH C10-C28	130 J	105	263	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8015-E								
	ST106-GW-10613-28102008	WATER	N	TPH C10-C28	130 J	103	258	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Diesel Range Organics (C10-C28)	0.25 U	0.033	0.25	MG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Diesel Range Organics (C10-C28)	0.25 UJ	0.033	0.25	MG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Diesel Range Organics (C10-C28)	0.25 U	0.033	0.25	MG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Diesel Range Organics (C10-C28)	0.25 U	0.033	0.25	MG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Diesel Range Organics (C10-C28)	0.25 U	0.033	0.25	MG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Diesel Range Organics (C10-C28)	0.25 U	0.033	0.25	MG/L
	ST106-GW-KAFB15-29102008	WATER	N	Diesel Range Organics (C10-C28)	0.25 U	0.033	0.25	MG/L
	ST106-GW-KAFB16-29102008	WATER	N	Diesel Range Organics (C10-C28)	0.25 UJ	0.033	0.25	MG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Diesel Range Organics (C10-C28)	0.25 UJ	0.033	0.25	MG/L
	ST106-GW-VA2-28102008	WATER	N	Diesel Range Organics (C10-C28)	0.25 U	0.033	0.25	MG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Diesel Range Organics (C10-C28)	0.25 U	0.033	0.25	MG/L
SW8015-P								
	ST106-GW-10611-27102008	WATER	N	TPH C6-C10	52 J	32	64	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	TPH C6-C10	59 J	32	64	UG/L
	ST106-GW-10612-28102008	WATER	N	TPH C6-C10	64 U	32	64	UG/L
	ST106-GW-10613-28102008	WATER	N	TPH C6-C10	64 U	32	64	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	TPH-Gasoline	9 U	4.9	25	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	TPH-Gasoline	340	4.9	25	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	TPH-Gasoline	60	4.9	25	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	TPH-Gasoline	6.1 U	4.9	25	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	TPH-Gasoline	42	4.9	25	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	TPH-Gasoline	56	4.9	25	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	TPH-Gasoline	25 U	4.9	25	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8015-P								
	ST106-GW-KAFB16-29102008	WATER	N	TPH-Gasoline	7.8 U	4.9	25	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	TPH-Gasoline	270	4.9	25	UG/L
	ST106-GW-VA2-28102008	WATER	N	TPH-Gasoline	12 U	4.9	25	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	TPH-Gasoline	5.7 U	4.9	25	UG/L
SW8260B								
	ST106-GW-10611-27102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10611-27102008	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10611-27102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10611-27102008	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10611-27102008	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-27102008	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10611-27102008	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10611-27102008	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10611-27102008	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10611-27102008	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10611-27102008	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10611-27102008	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10611-27102008	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzene	0.21 J	0.16	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10611-27102008	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10611-27102008	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10611-27102008	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10611-27102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10611-27102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-27102008	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10611-27102008	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10611-27102008	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Hexachlorobutadiene	1 UJ	0.4	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10611-27102008	WATER	N	m,p-Xylene	0.34 J	0.27	2	UG/L
	ST106-GW-10611-27102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10611-27102008	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10611-27102008	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10611-27102008	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10611-27102008	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10611-27102008	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10611-27102008	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10611-27102008	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10611-27102008	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Toluene	0.76 J	0.22	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10611-27102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10611-27102008	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-27102008	WATER	N	Xylenes, Total	0.34 J	0.27	3	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2-Butanone	6 U	1	6	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-27102008FD	WATER	FD	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzene	0.2 J	0.16	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Ethylbenzene	1 U	0.43	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-27102008FD	WATER	FD	Hexachlorobutadiene	1 UJ	0.4	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	m,p-Xylene	0.28 J	0.27	2	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Toluene	0.71 J	0.22	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Xylenes, Total	0.28 J	0.27	3	UG/L
	ST106-GW-10612-28102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-28102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10612-28102008	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10612-28102008	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10612-28102008	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10612-28102008	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10612-28102008	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10612-28102008	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-28102008	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10612-28102008	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzene	3.6	0.16	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10612-28102008	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10612-28102008	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10612-28102008	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10612-28102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10612-28102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10612-28102008	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10612-28102008	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10612-28102008	WATER	N	m,p-Xylene	0.62 J	0.27	2	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-28102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10612-28102008	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10612-28102008	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10612-28102008	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10612-28102008	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10612-28102008	WATER	N	o-Xylene	0.28 J	0.2	1	UG/L
	ST106-GW-10612-28102008	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10612-28102008	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10612-28102008	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Toluene	4.3	0.22	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10612-28102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10612-28102008	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Xylenes, Total	0.9 J	0.27	3	UG/L
	ST106-GW-10613-28102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-28102008	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,3,5-Trimethylbenzene	0.24 J	0.22	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10613-28102008	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10613-28102008	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10613-28102008	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10613-28102008	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10613-28102008	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10613-28102008	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10613-28102008	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10613-28102008	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzene	0.65 J	0.16	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-28102008	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10613-28102008	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10613-28102008	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10613-28102008	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10613-28102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10613-28102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10613-28102008	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10613-28102008	WATER	N	Ethylbenzene	0.66 J	0.43	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10613-28102008	WATER	N	m,p-Xylene	2.1	0.27	2	UG/L
	ST106-GW-10613-28102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10613-28102008	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10613-28102008	WATER	N	Naphthalene	1 U	0.32	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-28102008	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10613-28102008	WATER	N	n-Propylbenzene	0.3 J	0.28	1	UG/L
	ST106-GW-10613-28102008	WATER	N	o-Xylene	0.93 J	0.2	1	UG/L
	ST106-GW-10613-28102008	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10613-28102008	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10613-28102008	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Toluene	3.7	0.22	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10613-28102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10613-28102008	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10613-28102008	WATER	N	Xylenes, Total	3	0.27	3	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.2	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,1,2-Trichloroethane	1 U	0.32	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,1-Dichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,1-Dichloroethene	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,1-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,2,3-Trichlorobenzene	1 U	0.18	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB03-29102008	WATER	N	1,2,3-Trichloropropane	1 U	0.77	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.32	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.5	5	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,2-Dibromoethane	1 U	0.18	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,2-Dichlorobenzene	1 U	0.13	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,2-Dichloroethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,2-Dichloropropane	1 U	0.13	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,3-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,3-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,4-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2,2-Dichloropropane	5 U	0.2	5	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2-Butanone	6 U	1.8	6	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2-Hexanone	5 U	1.4	5	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	4-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Acetone	3 U	1.9	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Bromobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Bromochloromethane	1 U	0.1	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Bromodichloromethane	1 U	0.17	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB03-29102008	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Bromomethane	2 U	0.21	2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Carbon disulfide	2 U	0.45	2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Carbon tetrachloride	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Chlorobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Chloroethane	2 U	0.41	2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Chloromethane	2 U	0.3	2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Dibromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Dibromomethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Dichlorodifluoromethane	2 U	0.31	2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Ethylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Hexachlorobutadiene	1 U	0.12	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Isopropylbenzene	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	m,p-Xylene	2 U	0.34	2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.25	5	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Methylene chloride	5 U	0.32	5	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Naphthalene	1 U	0.22	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	n-Butylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	n-Propylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	o-Xylene	1 U	0.19	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB03-29102008	WATER	N	p-Isopropyltoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	sec-Butylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Styrene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	tert-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Tetrachloroethene	1 U	0.2	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Toluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Trichloroethene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Trichlorofluoromethane	2 U	0.29	2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Vinyl Chloride	1 U	0.4	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Xylenes, Total	2 U	0.19	2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.2	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,1,2-Trichloroethane	1 U	0.32	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,1-Dichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,1-Dichloroethene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,1-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,2,3-Trichlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,2,3-Trichloropropane	1 U	0.77	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.32	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,2,4-Trimethylbenzene	0.37 J	0.14	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1061-29102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.5	5	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,2-Dibromoethane	4.4	0.18	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,2-Dichlorobenzene	1 U	0.13	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,2-Dichloroethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,2-Dichloropropane	1 U	0.13	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,3,5-Trimethylbenzene	0.26 J	0.14	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,3-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,3-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,4-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2,2-Dichloropropane	5 U	0.2	5	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2-Butanone	6 U	1.8	6	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2-Hexanone	5 U	1.4	5	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	4-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Acetone	86	1.9	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzene	22	0.16	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Bromobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Bromochloromethane	1 U	0.1	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Bromodichloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Bromomethane	2 U	0.21	2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Carbon disulfide	2 U	0.45	2	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1061-29102008	WATER	N	Carbon tetrachloride	1 U	0.19	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Chlorobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Chloroethane	2 U	0.41	2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Chloromethane	2 U	0.3	2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Dibromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Dibromomethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Dichlorodifluoromethane	2 U	0.31	2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Ethylbenzene	1.4	0.16	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Hexachlorobutadiene	1 U	0.12	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Isopropylbenzene	0.59 J	0.19	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	m,p-Xylene	6.6	0.34	2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.25	5	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Methylene chloride	5 U	0.32	5	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Naphthalene	1 U	0.22	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	n-Butylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	n-Propylbenzene	0.17 J	0.16	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	o-Xylene	2.8	0.19	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	p-Isopropyltoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	sec-Butylbenzene	0.19 J	0.17	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Styrene	1 U	0.17	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1061-29102008	WATER	N	tert-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Tetrachloroethene	1 U	0.2	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Toluene	32	0.17	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Trichloroethene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Trichlorofluoromethane	2 U	0.29	2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Vinyl Chloride	1 U	0.4	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Xylenes, Total	9.4	0.19	2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.2	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,1,2-Trichloroethane	1 U	0.32	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,1-Dichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,1-Dichloroethene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,1-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,2,3-Trichlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,2,3-Trichloropropane	1 U	0.77	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.32	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.5	5	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,2-Dibromoethane	1 U	0.18	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,2-Dichlorobenzene	1 U	0.13	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1062-30102008	WATER	N	1,2-Dichloroethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,2-Dichloropropane	1 U	0.13	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,3-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,3-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,4-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2,2-Dichloropropane	5 U	0.2	5	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2-Butanone	6 U	1.8	6	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2-Hexanone	5 U	1.4	5	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	4-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Acetone	10 U	1.9	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Bromobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Bromochloromethane	1 U	0.1	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Bromodichloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Bromomethane	2 U	0.21	2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Carbon disulfide	2 U	0.45	2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Carbon tetrachloride	1 U	0.19	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Chlorobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Chloroethane	2 U	0.41	2	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1062-30102008	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Chloromethane	2 U	0.3	2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Dibromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Dibromomethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Dichlorodifluoromethane	2 U	0.31	2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Ethylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Hexachlorobutadiene	1 U	0.12	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Isopropylbenzene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	m,p-Xylene	2 U	0.34	2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.25	5	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Methylene chloride	5 U	0.32	5	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Naphthalene	1 U	0.22	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	n-Butylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	n-Propylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	o-Xylene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	p-Isopropyltoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	sec-Butylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Styrene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	tert-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Tetrachloroethene	1 U	0.2	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Toluene	1 U	0.17	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1062-30102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Trichloroethene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Trichlorofluoromethane	2 U	0.29	2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Vinyl Chloride	1 U	0.4	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Xylenes, Total	2 U	0.19	2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.2	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,1,2-Trichloroethane	1 U	0.32	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,1-Dichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,1-Dichloroethene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,1-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2,3-Trichlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2,3-Trichloropropane	1 U	0.77	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.32	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.5	5	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2-Dibromoethane	1 U	0.18	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2-Dichlorobenzene	1 U	0.13	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2-Dichloroethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2-Dichloropropane	1 U	0.13	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1063-29102008	WATER	N	1,3-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,3-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,4-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2,2-Dichloropropane	5 U	0.2	5	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2-Butanone	6 U	1.8	6	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2-Hexanone	5 U	1.4	5	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	4-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Acetone	2.6 U	1.9	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Bromobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Bromochloromethane	1 U	0.1	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Bromodichloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Bromomethane	2 U	0.21	2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Carbon disulfide	2 U	0.45	2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Carbon tetrachloride	1 U	0.19	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Chlorobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Chloroethane	2 U	0.41	2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Chloromethane	2 U	0.3	2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.15	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1063-29102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Dibromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Dibromomethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Dichlorodifluoromethane	2 U	0.31	2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Ethylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Hexachlorobutadiene	1 U	0.12	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Isopropylbenzene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	m,p-Xylene	2 U	0.34	2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.25	5	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Methylene chloride	5 U	0.32	5	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Naphthalene	1 U	0.22	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	n-Butylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	n-Propylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	o-Xylene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	p-Isopropyltoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	sec-Butylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Styrene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	tert-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Tetrachloroethene	1 U	0.2	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Toluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Trichloroethene	1 U	0.16	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1063-29102008	WATER	N	Trichlorofluoromethane	2 U	0.29	2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Vinyl Chloride	1 U	0.4	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Xylenes, Total	2 U	0.19	2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.2	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,1,2-Trichloroethane	1 U	0.32	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,1-Dichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,1-Dichloroethene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,1-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2,3-Trichlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2,3-Trichloropropane	1 U	0.77	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.32	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.5	5	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2-Dibromoethane	1 U	0.18	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2-Dichlorobenzene	1 U	0.13	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2-Dichloroethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2-Dichloropropane	1 U	0.13	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,3-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,3-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,4-Dichlorobenzene	1 U	0.16	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1064-28102008	WATER	N	2,2-Dichloropropane	5 U	0.2	5	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2-Butanone	6 UJ	1.8	6	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2-Hexanone	5 U	1.4	5	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	4-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Acetone	10 U	1.9	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Bromobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Bromochloromethane	1 U	0.1	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Bromodichloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Bromomethane	2 U	0.21	2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Carbon disulfide	2 U	0.45	2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Carbon tetrachloride	1 U	0.19	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Chlorobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Chloroethane	2 U	0.41	2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Chloromethane	2 U	0.3	2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Dibromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Dibromomethane	1 U	0.17	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1064-28102008	WATER	N	Dichlorodifluoromethane	2 U	0.31	2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Ethylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Hexachlorobutadiene	1 U	0.12	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Isopropylbenzene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	m,p-Xylene	2 U	0.34	2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.25	5	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Methylene chloride	5 U	0.32	5	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Naphthalene	1 U	0.22	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	n-Butylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	n-Propylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	o-Xylene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	p-Isopropyltoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	sec-Butylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Styrene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	tert-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Tetrachloroethene	1 U	0.2	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Toluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Trichloroethene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Trichlorofluoromethane	2 U	0.29	2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Vinyl Chloride	1 U	0.4	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Xylenes, Total	2 U	0.19	2	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1067-29102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.2	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,1,2-Trichloroethane	1 U	0.32	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,1-Dichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,1-Dichloroethene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,1-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2,3-Trichlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2,3-Trichloropropane	1 U	0.77	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.32	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.5	5	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2-Dibromoethane	1 U	0.18	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2-Dichlorobenzene	1 U	0.13	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2-Dichloroethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2-Dichloropropane	1 U	0.13	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,3-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,3-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,4-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2,2-Dichloropropane	5 U	0.2	5	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2-Butanone	6 U	1.8	6	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2-Chlorotoluene	1 U	0.17	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1067-29102008	WATER	N	2-Hexanone	5 U	1.4	5	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	4-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Acetone	10 U	1.9	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Bromobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Bromochloromethane	1 U	0.1	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Bromodichloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Bromomethane	2 U	0.21	2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Carbon disulfide	2 U	0.45	2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Carbon tetrachloride	1 U	0.19	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Chlorobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Chloroethane	2 U	0.41	2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Chloromethane	2 U	0.3	2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Dibromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Dibromomethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Dichlorodifluoromethane	2 U	0.31	2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Ethylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Hexachlorobutadiene	1 U	0.12	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB1067-29102008	WATER	N	Isopropylbenzene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	m,p-Xylene	2 U	0.34	2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.25	5	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Methylene chloride	5 U	0.32	5	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Naphthalene	1 U	0.22	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	n-Butylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	n-Propylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	o-Xylene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	p-Isopropyltoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	sec-Butylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Styrene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	tert-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Tetrachloroethene	1 U	0.2	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Toluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Trichloroethene	1 U	0.16	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Trichlorofluoromethane	2 U	0.29	2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Vinyl Chloride	1 U	0.4	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Xylenes, Total	2 U	0.19	2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.2	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-29102008	WATER	N	1,1,2-Trichloroethane	1 U	0.32	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,1-Dichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,1-Dichloroethene	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,1-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2,3-Trichlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2,3-Trichloropropane	1 U	0.77	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.32	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.5	5	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2-Dibromoethane	1 U	0.18	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2-Dichlorobenzene	1 U	0.13	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2-Dichloroethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2-Dichloropropane	1 U	0.13	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,3-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,3-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,4-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2,2-Dichloropropane	5 U	0.2	5	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2-Butanone	6 U	1.8	6	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2-Hexanone	5 U	1.4	5	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	4-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-29102008	WATER	N	Acetone	10 U	1.9	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Bromobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Bromochloromethane	1 U	0.1	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Bromodichloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Bromomethane	2 U	0.21	2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Carbon disulfide	2 U	0.45	2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Carbon tetrachloride	1 U	0.19	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Chlorobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Chloroethane	2 U	0.41	2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Chloromethane	2 U	0.3	2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Dibromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Dibromomethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Dichlorodifluoromethane	2 U	0.31	2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Ethylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Hexachlorobutadiene	1 U	0.12	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Isopropylbenzene	1 U	0.19	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	m,p-Xylene	2 U	0.34	2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.25	5	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-29102008	WATER	N	Methylene chloride	0.33 U	0.32	5	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Naphthalene	1 U	0.22	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	n-Butylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	n-Propylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	o-Xylene	1 U	0.19	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	p-Isopropyltoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	sec-Butylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Styrene	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	tert-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Tetrachloroethene	1 U	0.2	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Toluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Trichloroethene	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Trichlorofluoromethane	2 U	0.29	2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Vinyl Chloride	1 U	0.4	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Xylenes, Total	2 U	0.19	2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.2	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,1,2-Trichloroethane	1 U	0.32	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,1-Dichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,1-Dichloroethene	1 U	0.14	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-29102008	WATER	N	1,1-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2,3-Trichlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2,3-Trichloropropane	1 U	0.77	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.32	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.5	5	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2-Dibromoethane	1 U	0.18	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2-Dichlorobenzene	1 U	0.13	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2-Dichloroethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2-Dichloropropane	1 U	0.13	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,3-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,3-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,4-Dichlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2,2-Dichloropropane	5 U	0.2	5	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2-Butanone	6 U	1.8	6	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2-Hexanone	5 U	1.4	5	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	4-Chlorotoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Acetone	10 U	1.9	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Bromobenzene	1 U	0.17	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-29102008	WATER	N	Bromochloromethane	1 U	0.1	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Bromodichloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Bromomethane	2 U	0.21	2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Carbon disulfide	2 U	0.45	2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Carbon tetrachloride	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Chlorobenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Chloroethane	2 U	0.41	2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Chloromethane	2 U	0.3	2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Dibromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Dibromomethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Dichlorodifluoromethane	2 U	0.31	2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Ethylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Hexachlorobutadiene	1 U	0.12	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Isopropylbenzene	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	m,p-Xylene	2 U	0.34	2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.25	5	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Methylene chloride	5 U	0.32	5	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Naphthalene	1 U	0.22	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	n-Butylbenzene	1 U	0.14	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-29102008	WATER	N	n-Propylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	o-Xylene	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	p-Isopropyltoluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	sec-Butylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Styrene	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	tert-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Tetrachloroethene	1 U	0.2	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Toluene	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Trichloroethene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Trichlorofluoromethane	2 U	0.29	2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Vinyl Chloride	1 U	0.4	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Xylenes, Total	2 U	0.19	2	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,1,1,2-Tetrachloroethane	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,1,1-Trichloroethane	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,1,2,2-Tetrachloroethane	6.7 U	1.3	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,1,2-Trichloroethane	6.7 U	2.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,1-Dichloroethane	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,1-Dichloroethene	6.7 U	0.93	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,1-Dichloropropene	6.7 U	1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,2,3-Trichlorobenzene	6.7 U	1.2	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,2,3-Trichloropropane	6.7 U	5.1	6.7	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB3411-30102008	WATER	N	1,2,4-Trichlorobenzene	6.7 U	2.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,2,4-Trimethylbenzene	6.7 U	0.93	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,2-Dibromo-3-chloropropane	33 U	10	33	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,2-Dibromoethane	6.7 U	1.2	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,2-Dichlorobenzene	6.7 U	0.87	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,2-Dichloroethane	6.7 U	0.87	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,2-Dichloropropane	6.7 U	0.87	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,3,5-Trimethylbenzene	6.7 U	0.93	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,3-Dichlorobenzene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,3-Dichloropropane	6.7 U	1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,4-Dichlorobenzene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2,2-Dichloropropane	33 U	1.3	33	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2-Butanone	40 U	12	40	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2-Chlorotoluene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2-Hexanone	33 U	9.3	33	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	4-Chlorotoluene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	4-Methyl-2-Pentanone	33 U	6.9	33	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Acetone	67 U	13	67	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Bromobenzene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Bromochloromethane	6.7 U	0.67	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Bromodichloromethane	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Bromoform	6.7 U	1.3	6.7	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB3411-30102008	WATER	N	Bromomethane	13 U	1.4	13	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Carbon disulfide	13 U	3	13	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Carbon tetrachloride	6.7 U	1.3	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Chlorobenzene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Chloroethane	13 U	2.7	13	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Chloroform	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Chloromethane	13 U	2	13	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	cis-1,2-Dichloroethene	6.7 U	1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	cis-1,3-Dichloropropene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Dibromochloromethane	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Dibromomethane	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Dichlorodifluoromethane	13 U	2.1	13	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Ethylbenzene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Hexachlorobutadiene	6.7 U	0.8	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Isopropylbenzene	6.7 U	1.3	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	m,p-Xylene	13 U	2.3	13	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Methyl tert-butyl ether (MTBE)	33 U	1.7	33	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Methylene chloride	4 U	2.1	33	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Naphthalene	6.7 U	1.5	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	n-Butylbenzene	6.7 U	0.93	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	n-Propylbenzene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	o-Xylene	6.7 U	1.3	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	p-Isopropyltoluene	6.7 U	1.1	6.7	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB3411-30102008	WATER	N	sec-Butylbenzene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Styrene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	tert-Butylbenzene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Tetrachloroethene	6.7 U	1.3	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Toluene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Trans-1,2-Dichloroethene	6.7 U	1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	trans-1,3-Dichloropropene	6.7 U	1.3	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Trichloroethene	6.7 U	1.1	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Trichlorofluoromethane	13 U	1.9	13	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Vinyl Chloride	6.7 U	2.7	6.7	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Xylenes, Total	13 U	1.3	13	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,1,1,2-Tetrachloroethane	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,1,1-Trichloroethane	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,1,2,2-Tetrachloroethane	1 UJ	0.2	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,1,2-Trichloroethane	1 UJ	0.32	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,1-Dichloroethane	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,1-Dichloroethene	1 UJ	0.14	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,1-Dichloropropene	1 UJ	0.15	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,2,3-Trichlorobenzene	1 UJ	0.18	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,2,3-Trichloropropane	1 UJ	0.77	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,2,4-Trichlorobenzene	1 UJ	0.32	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,2,4-Trimethylbenzene	1 UJ	0.14	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,2-Dibromo-3-chloropropane	5 UJ	1.5	5	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA2-28102008	WATER	N	1,2-Dibromoethane	1 UJ	0.18	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,2-Dichlorobenzene	1 UJ	0.13	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,2-Dichloroethane	1 UJ	0.13	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,2-Dichloropropane	1 UJ	0.13	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,3,5-Trimethylbenzene	1 UJ	0.14	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,3-Dichlorobenzene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,3-Dichloropropane	1 UJ	0.15	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,4-Dichlorobenzene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	2,2-Dichloropropane	5 UJ	0.2	5	UG/L
	ST106-GW-VA2-28102008	WATER	N	2-Butanone	6 UJ	1.8	6	UG/L
	ST106-GW-VA2-28102008	WATER	N	2-Chlorotoluene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	2-Hexanone	5 UJ	1.4	5	UG/L
	ST106-GW-VA2-28102008	WATER	N	4-Chlorotoluene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	4-Methyl-2-Pentanone	5 UJ	1	5	UG/L
	ST106-GW-VA2-28102008	WATER	N	Acetone	10 U	1.9	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Bromobenzene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Bromochloromethane	1 UJ	0.1	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Bromodichloromethane	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Bromoform	0.49 J	0.19	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Bromomethane	2 UJ	0.21	2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Carbon disulfide	2 UJ	0.45	2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Carbon tetrachloride	1 UJ	0.19	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA2-28102008	WATER	N	Chlorobenzene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Chloroethane	2 UJ	0.41	2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Chloroform	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Chloromethane	2 UJ	0.3	2	UG/L
	ST106-GW-VA2-28102008	WATER	N	cis-1,2-Dichloroethene	1 UJ	0.15	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	cis-1,3-Dichloropropene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Dibromochloromethane	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Dibromomethane	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Dichlorodifluoromethane	2 UJ	0.31	2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Ethylbenzene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Hexachlorobutadiene	1 UJ	0.12	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Isopropylbenzene	1 UJ	0.19	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	m,p-Xylene	2 UJ	0.34	2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 UJ	0.25	5	UG/L
	ST106-GW-VA2-28102008	WATER	N	Methylene chloride	5 UJ	0.32	5	UG/L
	ST106-GW-VA2-28102008	WATER	N	Naphthalene	1 UJ	0.22	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	n-Butylbenzene	1 UJ	0.14	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	n-Propylbenzene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	o-Xylene	1 UJ	0.19	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	p-Isopropyltoluene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	sec-Butylbenzene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Styrene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	tert-Butylbenzene	1 UJ	0.16	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA2-28102008	WATER	N	Tetrachloroethene	1 UJ	0.2	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Toluene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Trans-1,2-Dichloroethene	1 UJ	0.15	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	trans-1,3-Dichloropropene	1 UJ	0.19	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Trichloroethene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Trichlorofluoromethane	2 UJ	0.29	2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Vinyl Chloride	1 UJ	0.4	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Xylenes, Total	2 UJ	0.19	2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,1,1,2-Tetrachloroethane	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,1,1-Trichloroethane	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,1,2,2-Tetrachloroethane	1 UJ	0.2	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,1,2-Trichloroethane	1 UJ	0.32	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,1-Dichloroethane	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,1-Dichloroethene	1 UJ	0.14	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,1-Dichloropropene	1 UJ	0.15	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2,3-Trichlorobenzene	1 UJ	0.18	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2,3-Trichloropropane	1 UJ	0.77	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2,4-Trichlorobenzene	1 UJ	0.32	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2,4-Trimethylbenzene	1 UJ	0.14	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2-Dibromo-3-chloropropane	5 UJ	1.5	5	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2-Dibromoethane	1 UJ	0.18	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2-Dichlorobenzene	1 UJ	0.13	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2-Dichloroethane	1 UJ	0.13	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2-Dichloropropane	1 UJ	0.13	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,3,5-Trimethylbenzene	1 UJ	0.14	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,3-Dichlorobenzene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,3-Dichloropropane	1 UJ	0.15	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,4-Dichlorobenzene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2,2-Dichloropropane	5 UJ	0.2	5	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2-Butanone	6 UJ	1.8	6	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2-Chlorotoluene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2-Hexanone	5 UJ	1.4	5	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	4-Chlorotoluene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	4-Methyl-2-Pentanone	5 UJ	1	5	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Acetone	10 U	1.9	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Bromobenzene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Bromochloromethane	1 UJ	0.1	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Bromodichloromethane	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Bromoform	0.5 J	0.19	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Bromomethane	2 UJ	0.21	2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Carbon disulfide	2 UJ	0.45	2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Carbon tetrachloride	1 UJ	0.19	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Chlorobenzene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Chloroethane	2 UJ	0.41	2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Chloroform	1 UJ	0.16	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA2-28102008DUP	WATER	FD	Chloromethane	2 UJ	0.3	2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	cis-1,2-Dichloroethene	1 UJ	0.15	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	cis-1,3-Dichloropropene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Dibromochloromethane	0.18 J	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Dibromomethane	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Dichlorodifluoromethane	2 UJ	0.31	2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Ethylbenzene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Hexachlorobutadiene	1 UJ	0.12	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Isopropylbenzene	1 UJ	0.19	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	m,p-Xylene	2 UJ	0.34	2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Methyl tert-butyl ether (MTBE)	5 UJ	0.25	5	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Methylene chloride	5 UJ	0.32	5	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Naphthalene	1 UJ	0.22	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	n-Butylbenzene	1 UJ	0.14	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	n-Propylbenzene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	o-Xylene	1 UJ	0.19	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	p-Isopropyltoluene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	sec-Butylbenzene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Styrene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	tert-Butylbenzene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Tetrachloroethene	1 UJ	0.2	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Toluene	1 UJ	0.17	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Trans-1,2-Dichloroethene	1 UJ	0.15	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA2-28102008DUP	WATER	FD	trans-1,3-Dichloropropene	1 UJ	0.19	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Trichloroethene	1 UJ	0.16	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Trichlorofluoromethane	2 UJ	0.29	2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Vinyl Chloride	1 UJ	0.4	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Xylenes, Total	2 UJ	0.19	2	UG/L
SW8270C								
	ST106-GW-10611-27102008	WATER	N	1,2-Dichlorobenzene	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	1,3-Dinitrobenzene	10.7 U	2.7	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	2,4,5-Trichlorophenol	21.4 U	3.6	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	2,4,6-Trichlorophenol	21.4 U	3.8	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	2,4-Dimethylphenol	10.7 U	2.4	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	2,4-Dinitrophenol	64.2 U	6	64.2	UG/L
	ST106-GW-10611-27102008	WATER	N	2,4-Dinitrotoluene	21.4 U	3	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	2,6-Dinitrotoluene	21.4 U	3	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	2-Chloronaphthalene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	2-Chlorophenol	10.7 U	3.1	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	2-Methylnaphthalene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	2-Methylphenol	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	2-Nitroaniline	53.5 U	3.2	53.5	UG/L
	ST106-GW-10611-27102008	WATER	N	2-Nitrophenol	21.4 U	3.6	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	3,3'-Dichlorobenzidine	21.4 U	2.9	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	3-Nitroaniline	53.5 U	3	53.5	UG/L
	ST106-GW-10611-27102008	WATER	N	4,6-Dinitro-2-methylphenol	64.2 U	3.5	64.2	UG/L
	ST106-GW-10611-27102008	WATER	N	4-Bromophenyl phenyl ether	10.7 U	2.4	10.7	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-27102008	WATER	N	4-Chloro-3-methylphenol	21.4 U	2.9	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	4-Chloroaniline	21.4 U	3.2	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	4-Chlorophenyl phenyl ether	10.7 U	2.7	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	4-Methylphenol	21.4 U	6.5	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	4-Nitroaniline	10.7 U	3	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	4-Nitrophenol	53.5 U	3.1	53.5	UG/L
	ST106-GW-10611-27102008	WATER	N	Acenaphthene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Acenaphthylene	10.7 U	3.2	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Anthracene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzidine	160 U	21.4	160	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzo (a) pyrene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzo (b) fluoranthene	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzo (g,h,i) perylene	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzo(a)anthracene	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzo(k)fluoranthene	10.7 U	3.1	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzoic acid	64.2 UJ	15	64.2	UG/L
	ST106-GW-10611-27102008	WATER	N	Bis (2-chloroethoxy) methane	10.7 U	3.7	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Bis (2-chloroethyl) ether	10.7 U	3.2	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Bis (2-ethylhexyl) phthalate	10.7 U	4.7	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Butyl benzylphthalate	21.4 U	3.2	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	Chrysene	10.7 U	3.1	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Dibenzo (a,h) anthracene	10.7 U	2.9	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Dibenzofuran	10.7 U	2.9	10.7	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-27102008	WATER	N	Diethyl phthalate	10.7 U	3	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Dimethyl phthalate	10.7 U	3.2	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Di-n-butylphthalate	21.4 U	3.1	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	Di-n-octylphthalate	21.4 U	3	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	Fluoranthene	21.4 U	3	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	Fluorene	10.7 U	3.1	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Hexachlorobenzene	10.7 U	0.44	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Hexachlorobutadiene	10.7 U	2.7	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Hexachlorocyclopentadiene	10.7 U	2.4	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Hexachloroethane	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Indeno(1,2,3-cd)pyrene	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Naphthalene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Nitrobenzene	21.4 U	3	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	n-Nitrosodi-n-propylamine	21.4 U	3.2	21.4	UG/L
	ST106-GW-10611-27102008	WATER	N	n-Nitrosodiphenylamine	10.7 U	3.6	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Pentachlorophenol	64.2 U	2.8	64.2	UG/L
	ST106-GW-10611-27102008	WATER	N	Phenanthrene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Phenol	10.7 U	1.8	10.7	UG/L
	ST106-GW-10611-27102008	WATER	N	Pyrene	10.7 U	3.1	10.7	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,2-Dichlorobenzene	11 U	2.8	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1,3-Dinitrobenzene	11 U	2.7	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2,4,5-Trichlorophenol	22 U	3.7	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2,4,6-Trichlorophenol	22 U	4	22	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-27102008FD	WATER	FD	2,4-Dimethylphenol	11 U	2.5	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2,4-Dinitrophenol	65.9 U	6.2	65.9	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2,4-Dinitrotoluene	22 U	3.1	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2,6-Dinitrotoluene	22 U	3.1	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2-Chloronaphthalene	11 U	3.1	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2-Chlorophenol	11 U	3.2	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2-Methylnaphthalene	11 U	3.1	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2-Methylphenol	11 U	2.8	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2-Nitroaniline	54.9 U	3.3	54.9	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2-Nitrophenol	22 U	3.7	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	3,3'-Dichlorobenzidine	22 U	3	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	3-Nitroaniline	54.9 U	3.1	54.9	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	4,6-Dinitro-2-methylphenol	65.9 U	3.6	65.9	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	4-Bromophenyl phenyl ether	11 U	2.5	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	4-Chloro-3-methylphenol	22 U	3	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	4-Chloroaniline	22 U	3.3	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	4-Chlorophenyl phenyl ether	11 U	2.7	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	4-Methylphenol	22 U	6.7	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	4-Nitroaniline	11 U	3.1	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	4-Nitrophenol	54.9 U	3.2	54.9	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Acenaphthene	11 U	3.1	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Acenaphthylene	11 U	3.3	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Anthracene	11 U	3.1	11	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-27102008FD	WATER	FD	Benzidine	165 U	22	165	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzo (a) pyrene	11 U	3.1	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzo (b) fluoranthene	11 U	2.8	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzo (g,h,i) perylene	11 U	2.8	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzo(a)anthracene	11 U	2.8	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzo(k)fluoranthene	11 U	3.2	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzoic acid	65.9 UJ	15.4	65.9	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Bis (2-chloroethoxy) methane	11 U	3.8	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Bis (2-chloroethyl) ether	11 U	3.3	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Bis (2-ethylhexyl) phthalate	11 U	4.8	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Butyl benzylphthalate	22 U	3.3	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Chrysene	11 U	3.2	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Dibenzo (a,h) anthracene	11 U	3	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Dibenzofuran	11 U	3	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Diethyl phthalate	11 U	3.1	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Dimethyl phthalate	11 U	3.3	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Di-n-butylphthalate	22 U	3.2	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Di-n-octylphthalate	22 U	3.1	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Fluoranthene	22 U	3.1	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Fluorene	11 U	3.2	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Hexachlorobenzene	11 U	0.45	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Hexachlorobutadiene	11 U	2.7	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Hexachlorocyclopentadiene	11 U	2.4	11	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-27102008FD	WATER	FD	Hexachloroethane	11 U	2.8	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Indeno(1,2,3-cd)pyrene	11 U	2.8	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Naphthalene	11 U	3.1	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Nitrobenzene	22 U	3.1	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	n-Nitrosodi-n-propylamine	22 U	3.3	22	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	n-Nitrosodiphenylamine	11 U	3.7	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Pentachlorophenol	65.9 U	2.8	65.9	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Phenanthrene	11 U	3.1	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Phenol	11 U	1.9	11	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Pyrene	11 U	3.2	11	UG/L
	ST106-GW-10612-28102008	WATER	N	1,2-Dichlorobenzene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	1,3-Dinitrobenzene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	2,4,5-Trichlorophenol	21.2 U	3.6	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	2,4,6-Trichlorophenol	21.2 U	3.8	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	2,4-Dimethylphenol	10.6 U	2.4	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	2,4-Dinitrophenol	63.5 U	5.9	63.5	UG/L
	ST106-GW-10612-28102008	WATER	N	2,4-Dinitrotoluene	21.2 U	3	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	2,6-Dinitrotoluene	21.2 U	3	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	2-Chloronaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	2-Chlorophenol	10.6 U	3.1	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	2-Methylnaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	2-Methylphenol	10.6 U	2.8	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	2-Nitroaniline	52.9 U	3.2	52.9	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-28102008	WATER	N	2-Nitrophenol	21.2 U	3.6	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	3,3'-Dichlorobenzidine	21.2 U	2.8	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	3-Nitroaniline	52.9 U	3	52.9	UG/L
	ST106-GW-10612-28102008	WATER	N	4,6-Dinitro-2-methylphenol	63.5 U	3.5	63.5	UG/L
	ST106-GW-10612-28102008	WATER	N	4-Bromophenyl phenyl ether	10.6 U	2.4	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	4-Chloro-3-methylphenol	21.2 U	2.8	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	4-Chloroaniline	21.2 U	3.2	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	4-Chlorophenyl phenyl ether	10.6 U	2.6	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	4-Methylphenol	21.2 U	6.4	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	4-Nitroaniline	10.6 U	3	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	4-Nitrophenol	52.9 U	3.1	52.9	UG/L
	ST106-GW-10612-28102008	WATER	N	Acenaphthene	10.6 U	3	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Acenaphthylene	10.6 U	3.2	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Anthracene	10.6 U	3	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzidine	159 U	21.2	159	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzo (a) pyrene	10.6 U	3	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzo (b) fluoranthene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzo (g,h,i) perylene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzo(a)anthracene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzo(k)fluoranthene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzoic acid	63.5 R	14.8	63.5	UG/L
	ST106-GW-10612-28102008	WATER	N	Bis (2-chloroethoxy) methane	10.6 U	3.7	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Bis (2-chloroethyl) ether	10.6 U	3.2	10.6	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-28102008	WATER	N	Bis (2-ethylhexyl) phthalate	10.6 U	4.6	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Butyl benzylphthalate	21.2 U	3.2	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	Chrysene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Dibenzo (a,h) anthracene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Dibenzofuran	10.6 U	2.8	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Diethyl phthalate	10.6 U	3	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Dimethyl phthalate	10.6 U	3.2	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Di-n-butylphthalate	21.2 U	3.1	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	Di-n-octylphthalate	21.2 U	3	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	Fluoranthene	21.2 U	3	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	Fluorene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Hexachlorobenzene	10.6 U	0.43	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Hexachlorobutadiene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Hexachlorocyclopentadiene	10.6 U	2.3	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Hexachloroethane	10.6 U	2.8	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Indeno(1,2,3-cd)pyrene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Naphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Nitrobenzene	21.2 U	3	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	n-Nitrosodi-n-propylamine	21.2 U	3.2	21.2	UG/L
	ST106-GW-10612-28102008	WATER	N	n-Nitrosodiphenylamine	10.6 U	3.6	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Pentachlorophenol	63.5 U	2.8	63.5	UG/L
	ST106-GW-10612-28102008	WATER	N	Phenanthrene	10.6 U	3	10.6	UG/L
	ST106-GW-10612-28102008	WATER	N	Phenol	10.6 U	1.8	10.6	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-28102008	WATER	N	Pyrene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	1,2-Dichlorobenzene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	1,3-Dinitrobenzene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	2,4,5-Trichlorophenol	21.3 U	3.6	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	2,4,6-Trichlorophenol	21.3 U	3.8	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	2,4-Dimethylphenol	10.6 U	2.4	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	2,4-Dinitrophenol	63.8 U	6	63.8	UG/L
	ST106-GW-10613-28102008	WATER	N	2,4-Dinitrotoluene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	2,6-Dinitrotoluene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	2-Chloronaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	2-Chlorophenol	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	2-Methylnaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	2-Methylphenol	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	2-Nitroaniline	53.2 U	3.2	53.2	UG/L
	ST106-GW-10613-28102008	WATER	N	2-Nitrophenol	21.3 U	3.6	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	3,3'-Dichlorobenzidine	21.3 U	2.9	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	3-Nitroaniline	53.2 U	3	53.2	UG/L
	ST106-GW-10613-28102008	WATER	N	4,6-Dinitro-2-methylphenol	63.8 U	3.5	63.8	UG/L
	ST106-GW-10613-28102008	WATER	N	4-Bromophenyl phenyl ether	10.6 U	2.4	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	4-Chloro-3-methylphenol	21.3 U	2.9	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	4-Chloroaniline	21.3 U	3.2	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	4-Chlorophenyl phenyl ether	10.6 U	2.6	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	4-Methylphenol	21.3 U	6.5	21.3	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-28102008	WATER	N	4-Nitroaniline	10.6 U	3	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	4-Nitrophenol	53.2 U	3.1	53.2	UG/L
	ST106-GW-10613-28102008	WATER	N	Acenaphthene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Acenaphthylene	10.6 U	3.2	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Anthracene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzidine	160 U	21.3	160	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzo (a) pyrene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzo (b) fluoranthene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzo (g,h,i) perylene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzo(a)anthracene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzo(k)fluoranthene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzoic acid	63.8 R	14.9	63.8	UG/L
	ST106-GW-10613-28102008	WATER	N	Bis (2-chloroethoxy) methane	10.6 U	3.7	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Bis (2-chloroethyl) ether	10.6 U	3.2	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Bis (2-ethylhexyl) phthalate	10.6 U	4.7	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Butyl benzylphthalate	21.3 U	3.2	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	Chrysene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Dibenzo (a,h) anthracene	10.6 U	2.9	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Dibenzofuran	10.6 U	2.9	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Diethyl phthalate	10.6 U	3	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Dimethyl phthalate	10.6 U	3.2	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Di-n-butylphthalate	21.3 U	3.1	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	Di-n-octylphthalate	21.3 U	3	21.3	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-28102008	WATER	N	Fluoranthene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	Fluorene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Hexachlorobenzene	10.6 U	0.44	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Hexachlorobutadiene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Hexachlorocyclopentadiene	10.6 U	2.3	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Hexachloroethane	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Indeno(1,2,3-cd)pyrene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Naphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Nitrobenzene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	n-Nitrosodi-n-propylamine	21.3 U	3.2	21.3	UG/L
	ST106-GW-10613-28102008	WATER	N	n-Nitrosodiphenylamine	10.6 U	3.6	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Pentachlorophenol	63.8 U	2.8	63.8	UG/L
	ST106-GW-10613-28102008	WATER	N	Phenanthrene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Phenol	10.6 U	1.8	10.6	UG/L
	ST106-GW-10613-28102008	WATER	N	Pyrene	10.6 U	3.1	10.6	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,2-Dichlorobenzene	10 U	0.23	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,2-Diphenylhydrazine	10 U	0.23	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1,3-Dinitrobenzene	10 U	2	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2,4,5-Trichlorophenol	20 U	0.45	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2,4,6-Trichlorophenol	20 U	0.29	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2,4-Dichlorophenol	10 U	0.64	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2,4-Dimethylphenol	10 U	0.58	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2,4-Dinitrophenol	60 U	10	60	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-29102008	WATER	N	2,4-Dinitrotoluene	20 U	0.22	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2,6-Dinitrotoluene	20 U	0.32	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2-Chloronaphthalene	10 U	0.26	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2-Chlorophenol	10 U	2	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2-Methylnaphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2-Methylphenol	10 U	0.98	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2-Nitroaniline	50 U	0.32	50	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2-Nitrophenol	20 U	0.39	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	3 & 4-Methylphenol	20 U	0.25	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	3,3'-Dichlorobenzidine	20 U	2	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	3-Nitroaniline	50 U	0.27	50	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	4,6-Dinitro-2-methylphenol	60 U	4	60	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	4-Bromophenyl phenyl ether	10 U	0.43	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	4-Chloro-3-methylphenol	20 U	0.9	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	4-Chloroaniline	20 U	0.29	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	4-Chlorophenyl phenyl ether	10 U	0.27	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	4-Nitroaniline	50 U	2	50	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	4-Nitrophenol	50 U	1.2	50	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Acenaphthene	10 U	0.28	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Acenaphthylene	10 U	0.49	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Anthracene	10 U	0.42	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzidine	150 U	50	150	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzo (a) pyrene	10 U	0.31	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-29102008	WATER	N	Benzo (b) fluoranthene	10 U	0.53	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzo (g,h,i) perylene	10 U	0.5	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzo(a)anthracene	10 U	0.35	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzo(k)fluoranthene	10 U	0.46	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzoic acid	60 UJ	10	60	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Bis (2-chloroethoxy) methane	10 U	0.97	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Bis (2-chloroethyl) ether	10 U	0.41	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Bis (2-ethylhexyl) phthalate	0.61 J	0.56	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Butyl benzylphthalate	20 U	1	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Chrysene	10 U	0.54	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Dibenzo (a,h) anthracene	10 U	0.51	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Dibenzofuran	10 U	0.29	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Diethyl phthalate	20 U	0.38	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Dimethyl phthalate	20 U	0.21	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Di-n-butylphthalate	20 U	1.2	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Di-n-octylphthalate	20 U	0.35	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Fluoranthene	20 U	0.2	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Fluorene	10 U	0.31	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Hexachlorobenzene	10 U	0.66	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Hexachlorobutadiene	10 U	0.51	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Hexachlorocyclopentadiene	10 U	1.5	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Hexachloroethane	10 U	0.46	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	0.65	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-29102008	WATER	N	Naphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Nitrobenzene	20 U	0.81	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	n-Nitrosodi-n-propylamine	20 U	0.35	20	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	n-Nitrosodiphenylamine	10 U	0.44	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Pentachlorophenol	60 U	20	60	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Phenanthrene	10 U	0.26	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Phenol	10 U	2	10	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Pyrene	10 U	0.37	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,2-Dichlorobenzene	10 U	0.23	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,2-Diphenylhydrazine	10 U	0.23	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1,3-Dinitrobenzene	10 U	2	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2,4,5-Trichlorophenol	20 U	0.45	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2,4,6-Trichlorophenol	20 U	0.29	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2,4-Dichlorophenol	10 U	0.64	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2,4-Dimethylphenol	1.5 J	0.58	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2,4-Dinitrophenol	60 U	10	60	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2,4-Dinitrotoluene	20 U	0.22	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2,6-Dinitrotoluene	20 U	0.32	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2-Chloronaphthalene	10 U	0.26	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2-Chlorophenol	10 U	2	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2-Methylnaphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2-Methylphenol	10 U	0.98	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2-Nitroaniline	50 U	0.32	50	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1061-29102008	WATER	N	2-Nitrophenol	20 U	0.39	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	3 & 4-Methylphenol	20 U	0.25	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	3,3'-Dichlorobenzidine	20 U	2	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	3-Nitroaniline	50 U	0.27	50	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	4,6-Dinitro-2-methylphenol	60 U	4	60	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	4-Bromophenyl phenyl ether	10 U	0.43	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	4-Chloro-3-methylphenol	20 U	0.9	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	4-Chloroaniline	20 U	0.29	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	4-Chlorophenyl phenyl ether	10 U	0.27	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	4-Nitroaniline	50 U	2	50	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	4-Nitrophenol	50 U	1.2	50	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Acenaphthene	10 U	0.28	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Acenaphthylene	10 U	0.49	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Anthracene	10 U	0.42	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzidine	150 U	50	150	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzo (a) pyrene	10 U	0.31	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzo (b) fluoranthene	10 U	0.53	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzo (g,h,i) perylene	10 U	0.5	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzo(a)anthracene	10 U	0.35	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzo(k)fluoranthene	10 U	0.46	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzoic acid	60 UJ	10	60	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Bis (2-chloroethoxy) methane	10 U	0.97	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Bis (2-chloroethyl) ether	10 U	0.41	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1061-29102008	WATER	N	Bis (2-ethylhexyl) phthalate	10 U	0.56	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Butyl benzylphthalate	20 U	1	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Chrysene	10 U	0.54	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Dibenzo (a,h) anthracene	10 U	0.51	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Dibenzofuran	10 U	0.29	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Diethyl phthalate	20 U	0.38	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Dimethyl phthalate	20 U	0.21	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Di-n-butylphthalate	20 U	1.2	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Di-n-octylphthalate	20 U	0.35	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Fluoranthene	20 U	0.2	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Fluorene	10 U	0.31	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Hexachlorobenzene	10 U	0.66	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Hexachlorobutadiene	10 U	0.51	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Hexachlorocyclopentadiene	10 U	1.5	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Hexachloroethane	10 U	0.46	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	0.65	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Naphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Nitrobenzene	20 U	0.81	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	n-Nitrosodi-n-propylamine	20 U	0.35	20	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	n-Nitrosodiphenylamine	10 U	0.44	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Pentachlorophenol	60 U	20	60	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Phenanthrene	10 U	0.26	10	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Phenol	10 U	2	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1061-29102008	WATER	N	Pyrene	10 U	0.37	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,2-Dichlorobenzene	10 U	0.23	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,2-Diphenylhydrazine	10 U	0.23	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	1,3-Dinitrobenzene	10 U	2	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2,4,5-Trichlorophenol	20 U	0.45	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2,4,6-Trichlorophenol	20 U	0.29	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2,4-Dichlorophenol	10 U	0.64	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2,4-Dimethylphenol	10 U	0.58	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2,4-Dinitrophenol	60 U	10	60	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2,4-Dinitrotoluene	20 U	0.22	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2,6-Dinitrotoluene	20 U	0.32	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2-Chloronaphthalene	10 U	0.26	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2-Chlorophenol	10 U	2	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2-Methylnaphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2-Methylphenol	10 U	0.98	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2-Nitroaniline	50 U	0.32	50	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2-Nitrophenol	20 U	0.39	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	3 & 4-Methylphenol	20 U	0.25	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	3,3'-Dichlorobenzidine	20 U	2	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	3-Nitroaniline	50 U	0.27	50	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	4,6-Dinitro-2-methylphenol	60 U	4	60	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	4-Bromophenyl phenyl ether	10 U	0.43	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	4-Chloro-3-methylphenol	20 U	0.9	20	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1062-30102008	WATER	N	4-Chloroaniline	20 U	0.29	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	4-Chlorophenyl phenyl ether	10 U	0.27	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	4-Nitroaniline	50 U	2	50	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	4-Nitrophenol	50 U	1.2	50	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Acenaphthene	10 U	0.28	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Acenaphthylene	10 U	0.49	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Anthracene	10 U	0.42	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzidine	150 U	50	150	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzo (a) pyrene	10 U	0.31	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzo (b) fluoranthene	10 U	0.53	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzo (g,h,i) perylene	10 U	0.5	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzo(a)anthracene	10 U	0.35	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzo(k)fluoranthene	10 U	0.46	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzoic acid	60 UJ	10	60	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Bis (2-chloroethoxy) methane	10 U	0.97	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Bis (2-chloroethyl) ether	10 U	0.41	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Bis (2-ethylhexyl) phthalate	2 J	0.56	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Butyl benzylphthalate	20 U	1	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Chrysene	10 U	0.54	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Dibenzo (a,h) anthracene	10 U	0.51	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Dibenzofuran	10 U	0.29	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Diethyl phthalate	20 U	0.38	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Dimethyl phthalate	20 U	0.21	20	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1062-30102008	WATER	N	Di-n-butylphthalate	20 U	1.2	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Di-n-octylphthalate	20 U	0.35	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Fluoranthene	20 U	0.2	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Fluorene	10 U	0.31	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Hexachlorobenzene	10 U	0.66	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Hexachlorobutadiene	10 U	0.51	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Hexachlorocyclopentadiene	10 U	1.5	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Hexachloroethane	10 U	0.46	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	0.65	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Naphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Nitrobenzene	20 U	0.81	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	n-Nitrosodi-n-propylamine	20 U	0.35	20	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	n-Nitrosodiphenylamine	10 U	0.44	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Pentachlorophenol	60 U	20	60	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Phenanthrene	10 U	0.26	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Phenol	10 U	2	10	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Pyrene	10 U	0.37	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2-Dichlorobenzene	10 U	0.23	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,2-Diphenylhydrazine	10 U	0.23	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1,3-Dinitrobenzene	10 U	2	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2,4,5-Trichlorophenol	20 U	0.45	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2,4,6-Trichlorophenol	20 U	0.29	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2,4-Dichlorophenol	10 U	0.64	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1063-29102008	WATER	N	2,4-Dimethylphenol	10 U	0.58	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2,4-Dinitrophenol	60 U	10	60	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2,4-Dinitrotoluene	20 U	0.22	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2,6-Dinitrotoluene	20 U	0.32	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2-Chloronaphthalene	10 U	0.26	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2-Chlorophenol	10 U	2	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2-Methylnaphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2-Methylphenol	10 U	0.98	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2-Nitroaniline	50 U	0.32	50	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2-Nitrophenol	20 U	0.39	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	3 & 4-Methylphenol	20 U	0.25	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	3,3'-Dichlorobenzidine	20 U	2	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	3-Nitroaniline	50 U	0.27	50	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	4,6-Dinitro-2-methylphenol	60 U	4	60	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	4-Bromophenyl phenyl ether	10 U	0.43	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	4-Chloro-3-methylphenol	20 U	0.9	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	4-Chloroaniline	20 U	0.29	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	4-Chlorophenyl phenyl ether	10 U	0.27	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	4-Nitroaniline	50 U	2	50	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	4-Nitrophenol	50 U	1.2	50	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Acenaphthene	10 U	0.28	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Acenaphthylene	10 U	0.49	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Anthracene	10 U	0.42	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1063-29102008	WATER	N	Benzidine	150 U	50	150	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Benzo (a) pyrene	10 U	0.31	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Benzo (b) fluoranthene	10 U	0.53	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Benzo (g,h,i) perylene	10 U	0.5	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Benzo(a)anthracene	10 U	0.35	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Benzo(k)fluoranthene	10 U	0.46	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Benzoic acid	60 UJ	10	60	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Bis (2-chloroethoxy) methane	10 U	0.97	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Bis (2-chloroethyl) ether	10 U	0.41	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Bis (2-ethylhexyl) phthalate	6.3 J	0.56	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Butyl benzylphthalate	20 U	1	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Chrysene	10 U	0.54	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Dibenzo (a,h) anthracene	10 U	0.51	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Dibenzofuran	10 U	0.29	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Diethyl phthalate	20 U	0.38	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Dimethyl phthalate	20 U	0.21	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Di-n-butylphthalate	20 U	1.2	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Di-n-octylphthalate	20 U	0.35	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Fluoranthene	20 U	0.2	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Fluorene	10 U	0.31	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Hexachlorobenzene	10 U	0.66	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Hexachlorobutadiene	10 U	0.51	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Hexachlorocyclopentadiene	10 U	1.5	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1063-29102008	WATER	N	Hexachloroethane	10 U	0.46	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	0.65	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Naphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Nitrobenzene	20 U	0.81	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	n-Nitrosodi-n-propylamine	20 U	0.35	20	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	n-Nitrosodiphenylamine	10 U	0.44	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Pentachlorophenol	60 U	20	60	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Phenanthrene	10 U	0.26	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Phenol	10 U	2	10	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Pyrene	10 U	0.37	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2-Dichlorobenzene	10 U	0.23	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,2-Diphenylhydrazine	10 U	0.23	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1,3-Dinitrobenzene	10 U	2	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2,4,5-Trichlorophenol	20 U	0.45	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2,4,6-Trichlorophenol	20 U	0.29	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2,4-Dichlorophenol	10 U	0.64	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2,4-Dimethylphenol	10 U	0.58	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2,4-Dinitrophenol	60 U	10	60	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2,4-Dinitrotoluene	20 U	0.22	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2,6-Dinitrotoluene	20 U	0.32	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2-Chloronaphthalene	10 U	0.26	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2-Chlorophenol	10 U	2	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2-Methylnaphthalene	10 U	0.29	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1064-28102008	WATER	N	2-Methylphenol	10 U	0.98	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2-Nitroaniline	50 U	0.32	50	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2-Nitrophenol	20 U	0.39	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	3 & 4-Methylphenol	20 U	0.25	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	3,3'-Dichlorobenzidine	20 U	2	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	3-Nitroaniline	50 U	0.27	50	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	4,6-Dinitro-2-methylphenol	60 U	4	60	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	4-Bromophenyl phenyl ether	10 U	0.43	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	4-Chloro-3-methylphenol	20 U	0.9	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	4-Chloroaniline	20 U	0.29	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	4-Chlorophenyl phenyl ether	10 U	0.27	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	4-Nitroaniline	50 U	2	50	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	4-Nitrophenol	50 U	1.2	50	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Acenaphthene	10 U	0.28	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Acenaphthylene	10 U	0.49	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Anthracene	10 U	0.42	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzidine	150 U	50	150	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzo (a) pyrene	10 U	0.31	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzo (b) fluoranthene	10 U	0.53	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzo (g,h,i) perylene	10 U	0.5	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzo(a)anthracene	10 U	0.35	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzo(k)fluoranthene	10 U	0.46	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzoic acid	60 UJ	10	60	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1064-28102008	WATER	N	Bis (2-chloroethoxy) methane	10 U	0.97	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Bis (2-chloroethyl) ether	10 U	0.41	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Bis (2-ethylhexyl) phthalate	7.2 J	0.56	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Butyl benzylphthalate	20 U	1	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Chrysene	10 U	0.54	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Dibenzo (a,h) anthracene	10 U	0.51	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Dibenzofuran	10 U	0.29	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Diethyl phthalate	20 U	0.38	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Dimethyl phthalate	20 U	0.21	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Di-n-butylphthalate	20 U	1.2	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Di-n-octylphthalate	20 U	0.35	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Fluoranthene	20 U	0.2	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Fluorene	10 U	0.31	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Hexachlorobenzene	10 U	0.66	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Hexachlorobutadiene	10 U	0.51	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Hexachlorocyclopentadiene	10 U	1.5	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Hexachloroethane	10 U	0.46	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	0.65	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Naphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Nitrobenzene	20 U	0.81	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	n-Nitrosodi-n-propylamine	20 U	0.35	20	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	n-Nitrosodiphenylamine	10 U	0.44	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Pentachlorophenol	60 U	20	60	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1064-28102008	WATER	N	Phenanthrene	10 U	0.26	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Phenol	10 U	2	10	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Pyrene	10 U	0.37	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2-Dichlorobenzene	10 U	0.23	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,2-Diphenylhydrazine	10 U	0.23	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1,3-Dinitrobenzene	10 U	2	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2,4,5-Trichlorophenol	20 U	0.45	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2,4,6-Trichlorophenol	20 U	0.29	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2,4-Dichlorophenol	10 U	0.64	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2,4-Dimethylphenol	10 U	0.58	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2,4-Dinitrophenol	60 U	10	60	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2,4-Dinitrotoluene	20 U	0.22	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2,6-Dinitrotoluene	20 U	0.32	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2-Chloronaphthalene	10 U	0.26	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2-Chlorophenol	10 U	2	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2-Methylnaphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2-Methylphenol	10 U	0.98	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2-Nitroaniline	50 U	0.32	50	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2-Nitrophenol	20 U	0.39	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	3 & 4-Methylphenol	20 U	0.25	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	3,3'-Dichlorobenzidine	20 U	2	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	3-Nitroaniline	50 U	0.27	50	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	4,6-Dinitro-2-methylphenol	60 U	4	60	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1067-29102008	WATER	N	4-Bromophenyl phenyl ether	10 U	0.43	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	4-Chloro-3-methylphenol	20 U	0.9	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	4-Chloroaniline	20 U	0.29	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	4-Chlorophenyl phenyl ether	10 U	0.27	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	4-Nitroaniline	50 U	2	50	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	4-Nitrophenol	50 U	1.2	50	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Acenaphthene	10 U	0.28	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Acenaphthylene	10 U	0.49	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Anthracene	10 U	0.42	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzidine	150 U	50	150	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzo (a) pyrene	10 U	0.31	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzo (b) fluoranthene	10 U	0.53	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzo (g,h,i) perylene	10 U	0.5	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzo(a)anthracene	10 U	0.35	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzo(k)fluoranthene	10 U	0.46	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzoic acid	60 UJ	10	60	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Bis (2-chloroethoxy) methane	10 U	0.97	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Bis (2-chloroethyl) ether	10 U	0.41	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Bis (2-ethylhexyl) phthalate	10 U	0.56	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Butyl benzylphthalate	20 U	1	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Chrysene	10 U	0.54	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Dibenzo (a,h) anthracene	10 U	0.51	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Dibenzofuran	10 U	0.29	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB1067-29102008	WATER	N	Diethyl phthalate	20 U	0.38	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Dimethyl phthalate	20 U	0.21	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Di-n-butylphthalate	20 U	1.2	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Di-n-octylphthalate	20 U	0.35	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Fluoranthene	20 U	0.2	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Fluorene	10 U	0.31	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Hexachlorobenzene	10 U	0.66	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Hexachlorobutadiene	10 U	0.51	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Hexachlorocyclopentadiene	10 U	1.5	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Hexachloroethane	10 U	0.46	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	0.65	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Naphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Nitrobenzene	20 U	0.81	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	n-Nitrosodi-n-propylamine	20 U	0.35	20	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	n-Nitrosodiphenylamine	10 U	0.44	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Pentachlorophenol	60 U	20	60	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Phenanthrene	10 U	0.26	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Phenol	10 U	2	10	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Pyrene	10 U	0.37	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2-Dichlorobenzene	10 U	0.23	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,2-Diphenylhydrazine	10 U	0.23	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1,3-Dinitrobenzene	10 U	2	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2,4,5-Trichlorophenol	20 U	0.45	20	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB15-29102008	WATER	N	2,4,6-Trichlorophenol	20 U	0.29	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2,4-Dichlorophenol	10 U	0.64	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2,4-Dimethylphenol	10 U	0.58	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2,4-Dinitrophenol	60 U	10	60	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2,4-Dinitrotoluene	20 U	0.22	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2,6-Dinitrotoluene	20 U	0.32	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2-Chloronaphthalene	10 U	0.26	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2-Chlorophenol	10 U	2	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2-Methylnaphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2-Methylphenol	10 U	0.98	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2-Nitroaniline	50 U	0.32	50	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2-Nitrophenol	20 U	0.39	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	3 & 4-Methylphenol	20 U	0.25	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	3,3'-Dichlorobenzidine	20 U	2	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	3-Nitroaniline	50 U	0.27	50	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	4,6-Dinitro-2-methylphenol	60 U	4	60	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	4-Bromophenyl phenyl ether	10 U	0.43	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	4-Chloro-3-methylphenol	20 U	0.9	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	4-Chloroaniline	20 U	0.29	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	4-Chlorophenyl phenyl ether	10 U	0.27	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	4-Nitroaniline	50 U	2	50	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	4-Nitrophenol	50 U	1.2	50	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Acenaphthene	10 U	0.28	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB15-29102008	WATER	N	Acenaphthylene	10 U	0.49	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Anthracene	10 U	0.42	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzidine	150 U	50	150	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzo (a) pyrene	10 U	0.31	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzo (b) fluoranthene	10 U	0.53	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzo (g,h,i) perylene	10 U	0.5	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzo(a)anthracene	10 U	0.35	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzo(k)fluoranthene	10 U	0.46	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzoic acid	60 UJ	10	60	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Bis (2-chloroethoxy) methane	10 U	0.97	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Bis (2-chloroethyl) ether	10 U	0.41	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Bis (2-ethylhexyl) phthalate	10 U	0.56	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Butyl benzylphthalate	20 U	1	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Chrysene	10 U	0.54	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Dibenzo (a,h) anthracene	10 U	0.51	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Dibenzofuran	10 U	0.29	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Diethyl phthalate	20 U	0.38	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Dimethyl phthalate	20 U	0.21	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Di-n-butylphthalate	20 U	1.2	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Di-n-octylphthalate	20 U	0.35	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Fluoranthene	20 U	0.2	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Fluorene	10 U	0.31	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Hexachlorobenzene	10 U	0.66	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB15-29102008	WATER	N	Hexachlorobutadiene	10 U	0.51	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Hexachlorocyclopentadiene	10 U	1.5	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Hexachloroethane	10 U	0.46	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	0.65	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Naphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Nitrobenzene	20 U	0.81	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	n-Nitrosodi-n-propylamine	20 U	0.35	20	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	n-Nitrosodiphenylamine	10 U	0.44	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Pentachlorophenol	60 U	20	60	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Phenanthrene	10 U	0.26	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Phenol	10 U	2	10	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Pyrene	10 U	0.37	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2-Dichlorobenzene	10 U	0.23	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,2-Diphenylhydrazine	10 U	0.23	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1,3-Dinitrobenzene	10 U	2	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2,4,5-Trichlorophenol	20 U	0.45	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2,4,6-Trichlorophenol	20 U	0.29	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2,4-Dichlorophenol	10 U	0.64	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2,4-Dimethylphenol	10 U	0.58	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2,4-Dinitrophenol	60 U	10	60	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2,4-Dinitrotoluene	20 U	0.22	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2,6-Dinitrotoluene	20 U	0.32	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2-Chloronaphthalene	10 U	0.26	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB16-29102008	WATER	N	2-Chlorophenol	10 U	2	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2-Methylnaphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2-Methylphenol	10 U	0.98	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2-Nitroaniline	50 U	0.32	50	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2-Nitrophenol	20 U	0.39	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	3 & 4-Methylphenol	20 U	0.25	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	3,3'-Dichlorobenzidine	20 U	2	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	3-Nitroaniline	50 U	0.27	50	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	4,6-Dinitro-2-methylphenol	60 U	4	60	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	4-Bromophenyl phenyl ether	10 U	0.43	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	4-Chloro-3-methylphenol	20 U	0.9	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	4-Chloroaniline	20 U	0.29	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	4-Chlorophenyl phenyl ether	10 U	0.27	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	4-Nitroaniline	50 U	2	50	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	4-Nitrophenol	50 U	1.2	50	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Acenaphthene	10 U	0.28	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Acenaphthylene	10 U	0.49	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Anthracene	10 U	0.42	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzidine	150 U	50	150	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzo (a) pyrene	10 U	0.31	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzo (b) fluoranthene	10 U	0.53	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzo (g,h,i) perylene	10 U	0.5	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzo(a)anthracene	10 U	0.35	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB16-29102008	WATER	N	Benzo(k)fluoranthene	10 U	0.46	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzoic acid	60 UJ	10	60	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Bis (2-chloroethoxy) methane	10 U	0.97	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Bis (2-chloroethyl) ether	10 U	0.41	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Bis (2-ethylhexyl) phthalate	1.2 J	0.56	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Butyl benzylphthalate	20 U	1	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Chrysene	10 U	0.54	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Dibenzo (a,h) anthracene	10 U	0.51	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Dibenzofuran	10 U	0.29	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Diethyl phthalate	20 U	0.38	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Dimethyl phthalate	20 U	0.21	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Di-n-butylphthalate	20 U	1.2	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Di-n-octylphthalate	20 U	0.35	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Fluoranthene	20 U	0.2	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Fluorene	10 U	0.31	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Hexachlorobenzene	10 U	0.66	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Hexachlorobutadiene	10 U	0.51	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Hexachlorocyclopentadiene	10 U	1.5	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Hexachloroethane	10 U	0.46	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	0.65	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Naphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Nitrobenzene	20 U	0.81	20	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	n-Nitrosodi-n-propylamine	20 U	0.35	20	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB16-29102008	WATER	N	n-Nitrosodiphenylamine	10 U	0.44	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Pentachlorophenol	60 U	20	60	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Phenanthrene	10 U	0.26	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Phenol	10 U	2	10	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Pyrene	10 U	0.37	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,2-Dichlorobenzene	10 U	0.23	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,2-Diphenylhydrazine	10 U	0.23	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1,3-Dinitrobenzene	10 U	2	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2,4,5-Trichlorophenol	20 U	0.45	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2,4,6-Trichlorophenol	20 U	0.29	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2,4-Dichlorophenol	10 U	0.64	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2,4-Dimethylphenol	10 U	0.58	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2,4-Dinitrophenol	60 U	10	60	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2,4-Dinitrotoluene	20 U	0.22	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2,6-Dinitrotoluene	20 U	0.32	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2-Chloronaphthalene	10 U	0.26	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2-Chlorophenol	10 U	2	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2-Methylnaphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2-Methylphenol	10 U	0.98	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2-Nitroaniline	50 U	0.32	50	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2-Nitrophenol	20 U	0.39	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	3 & 4-Methylphenol	20 U	0.25	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	3,3'-Dichlorobenzidine	20 U	2	20	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB3411-30102008	WATER	N	3-Nitroaniline	50 U	0.27	50	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	4,6-Dinitro-2-methylphenol	60 U	4	60	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	4-Bromophenyl phenyl ether	10 U	0.43	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	4-Chloro-3-methylphenol	20 U	0.9	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	4-Chloroaniline	20 U	0.29	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	4-Chlorophenyl phenyl ether	10 U	0.27	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	4-Nitroaniline	50 U	2	50	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	4-Nitrophenol	50 U	1.2	50	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Acenaphthene	10 U	0.28	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Acenaphthylene	10 U	0.49	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Anthracene	10 U	0.42	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzidine	150 U	50	150	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzo (a) pyrene	10 U	0.31	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzo (b) fluoranthene	10 U	0.53	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzo (g,h,i) perylene	10 U	0.5	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzo(a)anthracene	10 U	0.35	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzo(k)fluoranthene	10 U	0.46	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzoic acid	60 UJ	10	60	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Bis (2-chloroethoxy) methane	10 U	0.97	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Bis (2-chloroethyl) ether	10 U	0.41	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Bis (2-ethylhexyl) phthalate	7.3 J	0.56	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Butyl benzylphthalate	20 U	1	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Chrysene	10 U	0.54	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB3411-30102008	WATER	N	Dibenzo (a,h) anthracene	10 U	0.51	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Dibenzofuran	10 U	0.29	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Diethyl phthalate	20 U	0.38	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Dimethyl phthalate	20 U	0.21	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Di-n-butylphthalate	20 U	1.2	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Di-n-octylphthalate	20 U	0.35	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Fluoranthene	20 U	0.2	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Fluorene	10 U	0.31	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Hexachlorobenzene	10 U	0.66	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Hexachlorobutadiene	10 U	0.51	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Hexachlorocyclopentadiene	10 U	1.5	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Hexachloroethane	10 U	0.46	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	0.65	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Naphthalene	10 U	0.29	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Nitrobenzene	20 U	0.81	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	n-Nitrosodi-n-propylamine	20 U	0.35	20	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	n-Nitrosodiphenylamine	10 U	0.44	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Pentachlorophenol	60 U	20	60	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Phenanthrene	10 U	0.26	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Phenol	10 U	2	10	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Pyrene	10 U	0.37	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,2-Dichlorobenzene	10 U	0.23	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	1,2-Diphenylhydrazine	10 U	0.23	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA2-28102008	WATER	N	1,3-Dinitrobenzene	10 U	2	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	2,4,5-Trichlorophenol	20 U	0.45	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	2,4,6-Trichlorophenol	20 U	0.29	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	2,4-Dichlorophenol	10 U	0.64	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	2,4-Dimethylphenol	10 U	0.58	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	2,4-Dinitrophenol	60 U	10	60	UG/L
	ST106-GW-VA2-28102008	WATER	N	2,4-Dinitrotoluene	20 U	0.22	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	2,6-Dinitrotoluene	20 U	0.32	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	2-Chloronaphthalene	10 U	0.26	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	2-Chlorophenol	10 U	2	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	2-Methylnaphthalene	10 U	0.29	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	2-Methylphenol	10 U	0.98	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	2-Nitroaniline	50 U	0.32	50	UG/L
	ST106-GW-VA2-28102008	WATER	N	2-Nitrophenol	20 U	0.39	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	3 & 4-Methylphenol	20 U	0.25	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	3,3'-Dichlorobenzidine	20 U	2	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	3-Nitroaniline	50 U	0.27	50	UG/L
	ST106-GW-VA2-28102008	WATER	N	4,6-Dinitro-2-methylphenol	60 U	4	60	UG/L
	ST106-GW-VA2-28102008	WATER	N	4-Bromophenyl phenyl ether	10 U	0.43	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	4-Chloro-3-methylphenol	20 U	0.9	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	4-Chloroaniline	20 U	0.29	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	4-Chlorophenyl phenyl ether	10 U	0.27	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	4-Nitroaniline	50 U	2	50	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA2-28102008	WATER	N	4-Nitrophenol	50 U	1.2	50	UG/L
	ST106-GW-VA2-28102008	WATER	N	Acenaphthene	10 U	0.28	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Acenaphthylene	10 U	0.49	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Anthracene	10 U	0.42	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzidine	150 U	50	150	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzo (a) pyrene	10 U	0.31	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzo (b) fluoranthene	10 U	0.53	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzo (g,h,i) perylene	10 U	0.5	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzo(a)anthracene	10 U	0.35	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzo(k)fluoranthene	10 U	0.46	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzoic acid	60 UJ	10	60	UG/L
	ST106-GW-VA2-28102008	WATER	N	Bis (2-chloroethoxy) methane	10 U	0.97	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Bis (2-chloroethyl) ether	10 U	0.41	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Bis (2-ethylhexyl) phthalate	10 U	0.56	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Butyl benzylphthalate	20 U	1	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	Chrysene	10 U	0.54	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Dibenzo (a,h) anthracene	10 U	0.51	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Dibenzofuran	10 U	0.29	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Diethyl phthalate	20 U	0.38	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	Dimethyl phthalate	20 U	0.21	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	Di-n-butylphthalate	20 U	1.2	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	Di-n-octylphthalate	20 U	0.35	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	Fluoranthene	20 U	0.2	20	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA2-28102008	WATER	N	Fluorene	10 U	0.31	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Hexachlorobenzene	10 U	0.66	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Hexachlorobutadiene	10 U	0.51	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Hexachlorocyclopentadiene	10 U	1.5	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Hexachloroethane	10 U	0.46	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	0.65	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Naphthalene	10 U	0.29	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Nitrobenzene	20 U	0.81	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	n-Nitrosodi-n-propylamine	20 U	0.35	20	UG/L
	ST106-GW-VA2-28102008	WATER	N	n-Nitrosodiphenylamine	10 U	0.44	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Pentachlorophenol	60 U	20	60	UG/L
	ST106-GW-VA2-28102008	WATER	N	Phenanthrene	10 U	0.26	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Phenol	10 U	2	10	UG/L
	ST106-GW-VA2-28102008	WATER	N	Pyrene	10 U	0.37	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2-Dichlorobenzene	10 U	0.23	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,2-Diphenylhydrazine	10 U	0.23	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1,3-Dinitrobenzene	10 U	2	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2,4,5-Trichlorophenol	20 U	0.45	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2,4,6-Trichlorophenol	20 U	0.29	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2,4-Dichlorophenol	10 U	0.64	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2,4-Dimethylphenol	10 U	0.58	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2,4-Dinitrophenol	60 U	10	60	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2,4-Dinitrotoluene	20 U	0.22	20	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA2-28102008DUP	WATER	FD	2,6-Dinitrotoluene	20 U	0.32	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2-Chloronaphthalene	10 U	0.26	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2-Chlorophenol	10 U	2	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2-Methylnaphthalene	10 U	0.29	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2-Methylphenol	10 U	0.98	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2-Nitroaniline	50 U	0.32	50	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2-Nitrophenol	20 U	0.39	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	3 & 4-Methylphenol	20 U	0.25	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	3,3'-Dichlorobenzidine	20 U	2	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	3-Nitroaniline	50 U	0.27	50	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	4,6-Dinitro-2-methylphenol	60 U	4	60	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	4-Bromophenyl phenyl ether	10 U	0.43	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	4-Chloro-3-methylphenol	20 U	0.9	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	4-Chloroaniline	20 U	0.29	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	4-Chlorophenyl phenyl ether	10 U	0.27	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	4-Nitroaniline	50 U	2	50	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	4-Nitrophenol	50 U	1.2	50	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Acenaphthene	10 U	0.28	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Acenaphthylene	10 U	0.49	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Anthracene	10 U	0.42	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzidine	150 U	50	150	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzo (a) pyrene	10 U	0.31	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzo (b) fluoranthene	10 U	0.53	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzo (g,h,i) perylene	10 U	0.5	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzo(a)anthracene	10 U	0.35	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzo(k)fluoranthene	10 U	0.46	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzoic acid	60 UJ	10	60	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Bis (2-chloroethoxy) methane	10 U	0.97	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Bis (2-chloroethyl) ether	10 U	0.41	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Bis (2-ethylhexyl) phthalate	10 U	0.56	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Butyl benzylphthalate	20 U	1	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Chrysene	10 U	0.54	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Dibenzo (a,h) anthracene	10 U	0.51	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Dibenzofuran	10 U	0.29	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Diethyl phthalate	20 U	0.38	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Dimethyl phthalate	20 U	0.21	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Di-n-butylphthalate	20 U	1.2	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Di-n-octylphthalate	20 U	0.35	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Fluoranthene	20 U	0.2	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Fluorene	10 U	0.31	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Hexachlorobenzene	10 U	0.66	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Hexachlorobutadiene	10 U	0.51	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Hexachlorocyclopentadiene	10 U	1.5	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Hexachloroethane	10 U	0.46	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Indeno(1,2,3-cd)pyrene	10 U	0.65	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Naphthalene	10 U	0.29	10	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA2-28102008DUP	WATER	FD	Nitrobenzene	20 U	0.81	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	n-Nitrosodi-n-propylamine	20 U	0.35	20	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	n-Nitrosodiphenylamine	10 U	0.44	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Pentachlorophenol	60 U	20	60	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Phenanthrene	10 U	0.26	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Phenol	10 U	2	10	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Pyrene	10 U	0.37	10	UG/L
SW8310								
	ST106-GW-10611-27102008	WATER	N	1-Methylnaphthalene	1.3	0.035	1	UG/L
	ST106-GW-10611-27102008	WATER	N	2-Methylnaphthalene	1.6	0.072	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Acenaphthene	0.18 J	0.035	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10611-27102008	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-10611-27102008	WATER	N	Benzo(k)fluoranthene	0.16 U	0.078	0.16	UG/L
	ST106-GW-10611-27102008	WATER	N	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-10611-27102008	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-10611-27102008	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-10611-27102008	WATER	N	Fluorene	0.28 J	0.02	0.32	UG/L
	ST106-GW-10611-27102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10611-27102008	WATER	N	Naphthalene	0.38 J	0.044	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10611-27102008	WATER	N	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-10611-27102008	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	1-Methylnaphthalene	1.1	0.035	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	2-Methylnaphthalene	1.4	0.072	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Acenaphthene	0.15 J	0.035	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Benzo(k)fluoranthene	0.16 U	0.078	0.16	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Fluorene	0.24 J	0.02	0.32	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Naphthalene	0.38 J	0.044	1	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-10611-27102008FD	WATER	FD	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-10612-28102008	WATER	N	1-Methylnaphthalene	0.69 J	0.035	1	UG/L
	ST106-GW-10612-28102008	WATER	N	2-Methylnaphthalene	0.96 J	0.072	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Acenaphthene	0.1 J	0.035	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10612-28102008	WATER	N	Acenaphthylene	1 U	0.03	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.031	0.21	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-10612-28102008	WATER	N	Benzo(k)fluoranthene	0.16 U	0.078	0.16	UG/L
	ST106-GW-10612-28102008	WATER	N	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-10612-28102008	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-10612-28102008	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-10612-28102008	WATER	N	Fluorene	0.16 J	0.02	0.32	UG/L
	ST106-GW-10612-28102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10612-28102008	WATER	N	Naphthalene	0.23 J	0.044	1	UG/L
	ST106-GW-10612-28102008	WATER	N	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-10612-28102008	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-10613-28102008	WATER	N	1-Methylnaphthalene	1.1	0.035	1.1	UG/L
	ST106-GW-10613-28102008	WATER	N	2-Methylnaphthalene	1.6	0.072	1.1	UG/L
	ST106-GW-10613-28102008	WATER	N	Acenaphthene	0.14 J	0.035	1.1	UG/L
	ST106-GW-10613-28102008	WATER	N	Acenaphthylene	1.1 U	0.03	1.1	UG/L
	ST106-GW-10613-28102008	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.031	0.21	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10613-28102008	WATER	N	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-10613-28102008	WATER	N	Benzo(k)fluoranthene	0.16 U	0.079	0.16	UG/L
	ST106-GW-10613-28102008	WATER	N	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-10613-28102008	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-10613-28102008	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-10613-28102008	WATER	N	Fluorene	0.19 J	0.02	0.32	UG/L
	ST106-GW-10613-28102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10613-28102008	WATER	N	Naphthalene	0.34 J	0.045	1.1	UG/L
	ST106-GW-10613-28102008	WATER	N	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-10613-28102008	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	1-Methylnaphthalene	1 U	0.052	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	2-Methylnaphthalene	1 U	0.073	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Acenaphthene	1 U	0.043	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Acenaphthylene	1 U	0.043	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Anthracene	0.3 U	0.061	0.3	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzo (a) pyrene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzo (b) fluoranthene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzo (g,h,i) perylene	0.2 UJ	0.02	0.2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzo(a)anthracene	0.2 U	0.032	0.2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Benzo(k)fluoranthene	0.1 U	0.023	0.1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Chrysene	0.2 U	0.028	0.2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.055	0.3	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Fluoranthene	0.4 U	0.081	0.4	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB03-29102008	WATER	N	Fluorene	0.3 U	0.099	0.3	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.047	0.2	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Naphthalene	1 U	0.056	1	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Phenanthrene	0.3 U	0.095	0.3	UG/L
	ST106-GW-KAFB03-29102008	WATER	N	Pyrene	0.2 U	0.043	0.2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	1-Methylnaphthalene	1 U	0.052	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	2-Methylnaphthalene	1 U	0.073	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Acenaphthene	1 U	0.043	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Acenaphthylene	1 U	0.043	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Anthracene	0.3 U	0.061	0.3	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzo (a) pyrene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzo (b) fluoranthene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzo (g,h,i) perylene	0.2 UJ	0.02	0.2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzo(a)anthracene	0.2 U	0.032	0.2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Benzo(k)fluoranthene	0.1 U	0.023	0.1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Chrysene	0.2 U	0.028	0.2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.055	0.3	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Fluoranthene	0.4 U	0.081	0.4	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Fluorene	0.1 J	0.099	0.3	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.047	0.2	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Naphthalene	1 U	0.056	1	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Phenanthrene	0.3 U	0.095	0.3	UG/L
	ST106-GW-KAFB1061-29102008	WATER	N	Pyrene	0.2 U	0.043	0.2	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB1062-30102008	WATER	N	1-Methylnaphthalene	1 U	0.052	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	2-Methylnaphthalene	1 U	0.073	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Acenaphthene	1 U	0.043	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Acenaphthylene	1 U	0.043	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Anthracene	0.3 U	0.061	0.3	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzo (a) pyrene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzo (b) fluoranthene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzo (g,h,i) perylene	0.2 UJ	0.02	0.2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzo(a)anthracene	0.2 U	0.032	0.2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Benzo(k)fluoranthene	0.1 U	0.023	0.1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Chrysene	0.2 U	0.028	0.2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.055	0.3	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Fluoranthene	0.4 U	0.081	0.4	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Fluorene	0.3 U	0.099	0.3	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.047	0.2	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Naphthalene	1 U	0.056	1	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Phenanthrene	0.3 U	0.095	0.3	UG/L
	ST106-GW-KAFB1062-30102008	WATER	N	Pyrene	0.2 U	0.043	0.2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	1-Methylnaphthalene	1 U	0.052	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	2-Methylnaphthalene	1 U	0.073	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Acenaphthene	1 U	0.043	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Acenaphthylene	1 U	0.043	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Anthracene	0.3 U	0.061	0.3	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB1063-29102008	WATER	N	Benzo (a) pyrene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Benzo (b) fluoranthene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Benzo (g,h,i) perylene	0.2 UJ	0.02	0.2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Benzo(a)anthracene	0.2 U	0.032	0.2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Benzo(k)fluoranthene	0.1 U	0.023	0.1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Chrysene	0.2 U	0.028	0.2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.055	0.3	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Fluoranthene	0.4 U	0.081	0.4	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Fluorene	0.3 U	0.099	0.3	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.047	0.2	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Naphthalene	1 U	0.056	1	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Phenanthrene	0.3 U	0.095	0.3	UG/L
	ST106-GW-KAFB1063-29102008	WATER	N	Pyrene	0.2 U	0.043	0.2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	1-Methylnaphthalene	1 U	0.052	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	2-Methylnaphthalene	1 U	0.073	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Acenaphthene	1 U	0.043	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Acenaphthylene	1 U	0.043	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Anthracene	0.3 U	0.061	0.3	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzo (a) pyrene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzo (b) fluoranthene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.02	0.2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzo(a)anthracene	0.2 U	0.032	0.2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Benzo(k)fluoranthene	0.1 U	0.023	0.1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB1064-28102008	WATER	N	Chrysene	0.2 U	0.028	0.2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.055	0.3	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Fluoranthene	0.4 U	0.081	0.4	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Fluorene	0.3 U	0.099	0.3	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.047	0.2	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Naphthalene	1 U	0.056	1	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Phenanthrene	0.3 U	0.095	0.3	UG/L
	ST106-GW-KAFB1064-28102008	WATER	N	Pyrene	0.2 U	0.043	0.2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	1-Methylnaphthalene	1 U	0.052	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	2-Methylnaphthalene	1 U	0.073	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Acenaphthene	1 U	0.043	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Acenaphthylene	1 U	0.043	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Anthracene	0.3 U	0.061	0.3	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzo (a) pyrene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzo (b) fluoranthene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzo (g,h,i) perylene	0.2 UJ	0.02	0.2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzo(a)anthracene	0.2 U	0.032	0.2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Benzo(k)fluoranthene	0.1 U	0.023	0.1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Chrysene	0.2 U	0.028	0.2	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.055	0.3	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Fluoranthene	0.4 U	0.081	0.4	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Fluorene	0.3 U	0.099	0.3	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.047	0.2	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB1067-29102008	WATER	N	Naphthalene	1 U	0.056	1	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Phenanthrene	0.3 U	0.095	0.3	UG/L
	ST106-GW-KAFB1067-29102008	WATER	N	Pyrene	0.2 U	0.043	0.2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	1-Methylnaphthalene	1 U	0.052	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	2-Methylnaphthalene	1 U	0.073	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Acenaphthene	1 U	0.043	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Acenaphthylene	1 U	0.043	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Anthracene	0.3 U	0.061	0.3	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzo (a) pyrene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzo (b) fluoranthene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzo (g,h,i) perylene	0.2 UJ	0.02	0.2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzo(a)anthracene	0.2 U	0.032	0.2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Benzo(k)fluoranthene	0.1 U	0.023	0.1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Chrysene	0.2 U	0.028	0.2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.055	0.3	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Fluoranthene	0.4 U	0.081	0.4	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Fluorene	0.3 U	0.099	0.3	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.047	0.2	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Naphthalene	1 U	0.056	1	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Phenanthrene	0.3 U	0.095	0.3	UG/L
	ST106-GW-KAFB15-29102008	WATER	N	Pyrene	0.2 U	0.043	0.2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	1-Methylnaphthalene	1 U	0.052	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	2-Methylnaphthalene	1 U	0.073	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB16-29102008	WATER	N	Acenaphthene	1 U	0.043	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Acenaphthylene	1 U	0.043	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Anthracene	0.3 U	0.061	0.3	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzo (a) pyrene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzo (b) fluoranthene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzo (g,h,i) perylene	0.2 UJ	0.02	0.2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzo(a)anthracene	0.2 U	0.032	0.2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Benzo(k)fluoranthene	0.1 U	0.023	0.1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Chrysene	0.2 U	0.028	0.2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.055	0.3	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Fluoranthene	0.4 U	0.081	0.4	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Fluorene	0.3 U	0.099	0.3	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.047	0.2	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Naphthalene	1 U	0.056	1	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Phenanthrene	0.3 U	0.095	0.3	UG/L
	ST106-GW-KAFB16-29102008	WATER	N	Pyrene	0.2 U	0.043	0.2	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	1-Methylnaphthalene	1 U	0.052	1	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	2-Methylnaphthalene	1 U	0.073	1	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Acenaphthene	1 U	0.043	1	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Acenaphthylene	1 U	0.043	1	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Anthracene	0.3 U	0.061	0.3	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzo (a) pyrene	0.2 U	0.053	0.2	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzo (b) fluoranthene	0.2 U	0.053	0.2	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB3411-30102008	WATER	N	Benzo (g,h,i) perylene	0.2 UJ	0.02	0.2	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzo(a)anthracene	0.2 U	0.032	0.2	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Benzo(k)fluoranthene	0.1 U	0.023	0.1	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Chrysene	0.2 U	0.028	0.2	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.055	0.3	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Fluoranthene	0.4 U	0.081	0.4	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Fluorene	0.3 U	0.099	0.3	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.047	0.2	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Naphthalene	1 U	0.056	1	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Phenanthrene	0.3 U	0.095	0.3	UG/L
	ST106-GW-KAFB3411-30102008	WATER	N	Pyrene	0.2 U	0.043	0.2	UG/L
	ST106-GW-VA2-28102008	WATER	N	1-Methylnaphthalene	1 U	0.052	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	2-Methylnaphthalene	1 U	0.073	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Acenaphthene	1 U	0.043	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Acenaphthylene	1 U	0.043	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Anthracene	0.3 U	0.061	0.3	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzo (a) pyrene	0.2 U	0.053	0.2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzo (b) fluoranthene	0.2 U	0.053	0.2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.02	0.2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzo(a)anthracene	0.2 U	0.032	0.2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Benzo(k)fluoranthene	0.1 U	0.023	0.1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Chrysene	0.2 U	0.028	0.2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.055	0.3	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-VA2-28102008	WATER	N	Fluoranthene	0.4 U	0.081	0.4	UG/L
	ST106-GW-VA2-28102008	WATER	N	Fluorene	0.3 U	0.099	0.3	UG/L
	ST106-GW-VA2-28102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.047	0.2	UG/L
	ST106-GW-VA2-28102008	WATER	N	Naphthalene	1 U	0.056	1	UG/L
	ST106-GW-VA2-28102008	WATER	N	Phenanthrene	0.3 U	0.095	0.3	UG/L
	ST106-GW-VA2-28102008	WATER	N	Pyrene	0.2 U	0.043	0.2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	1-Methylnaphthalene	1 U	0.052	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	2-Methylnaphthalene	1 U	0.073	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Acenaphthene	1 U	0.043	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Acenaphthylene	1 U	0.043	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Anthracene	0.3 U	0.061	0.3	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzo (a) pyrene	0.2 U	0.053	0.2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzo (b) fluoranthene	0.2 U	0.053	0.2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzo (g,h,i) perylene	0.2 U	0.02	0.2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzo(a)anthracene	0.2 U	0.032	0.2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Benzo(k)fluoranthene	0.1 U	0.023	0.1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Chrysene	0.2 U	0.028	0.2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Dibenzo (a,h) anthracene	0.3 U	0.055	0.3	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Fluoranthene	0.4 U	0.081	0.4	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Fluorene	0.3 U	0.099	0.3	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Indeno(1,2,3-cd)pyrene	0.2 U	0.047	0.2	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Naphthalene	1 U	0.056	1	UG/L
	ST106-GW-VA2-28102008DUP	WATER	FD	Phenanthrene	0.3 U	0.095	0.3	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-VA2-28102008DUP	WATER	FD	Pyrene	0.2 U	0.043	0.2	UG/L

QA/QC Type

N = Normal Environmental Sample
FD = Field Duplicate

* The most severe flag for each analyte becomes the final validation flag

Qualifier Description:

J = The analyte was positively identified, the quantitation is an estimate.
U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the reporting limit (RL).
UJ = The analyte was analyzed for, but not detected. The associated numerical value is at or below the reporting limit (RL) and the the quantitation is an estimate.

Table 4. Summary of Holding Times for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
E300	ST106-GW-KAFB03-29102008	WATER	N	Days - E	10/29/2008		10/30/2008
	ST106-GW-KAFB1061-29102008	WATER	N	Days - E	10/29/2008		10/31/2008
	ST106-GW-KAFB1062-30102008	WATER	N	Days - E	10/30/2008		10/31/2008
	ST106-GW-KAFB1063-29102008	WATER	N	Days - E	10/29/2008		10/30/2008
	ST106-GW-KAFB1064-28102008	WATER	N	Days - E	10/28/2008		10/29/2008
	ST106-GW-KAFB1067-29102008	WATER	N	Days - E	10/29/2008		10/30/2008
	ST106-GW-KAFB15-29102008	WATER	N	Days - E	10/29/2008		10/30/2008
	ST106-GW-KAFB16-29102008	WATER	N	Days - E	10/29/2008		10/30/2008
	ST106-GW-KAFB3411-30102008	WATER	N	Days - E	10/30/2008		10/31/2008
	ST106-GW-VA2-28102008	WATER	N	Days - E	10/28/2008		10/29/2008
	ST106-GW-VA2-28102008DUP	WATER	FD	Days - E	10/28/2008		10/29/2008
	ST106-GW-10611-27102008	WATER	N	Days - E	10/27/2008		10/28/2008
	ST106-GW-10611-27102008FD	WATER	FD	Days - E	10/27/2008		10/28/2008
	ST106-GW-10612-28102008	WATER	N	Days - E	10/28/2008		10/29/2008
	ST106-GW-10613-28102008	WATER	N	Days - E	10/28/2008		10/29/2008
E504	ST106-GW-KAFB03-29102008	WATER	N	2 Days - E	10/29/2008	10/31/2008	10/31/2008
	ST106-GW-KAFB1061-29102008	WATER	N	2 Days - E	10/29/2008	10/31/2008	11/1/2008
	ST106-GW-KAFB1062-30102008	WATER	N	11 Days - E	10/30/2008	11/10/2008	11/10/2008
	ST106-GW-KAFB1063-29102008	WATER	N	2 Days - E	10/29/2008	10/31/2008	10/31/2008
	ST106-GW-KAFB1064-28102008	WATER	N	3 Days - E	10/28/2008	10/31/2008	11/1/2008
	ST106-GW-KAFB1067-29102008	WATER	N	2 Days - E	10/29/2008	10/31/2008	10/31/2008
	ST106-GW-KAFB15-29102008	WATER	N	2 Days - E	10/29/2008	10/31/2008	10/31/2008
	ST106-GW-KAFB16-29102008	WATER	N	2 Days - E	10/29/2008	10/31/2008	10/31/2008
	ST106-GW-KAFB3411-30102008	WATER	N	11 Days - E	10/30/2008	11/10/2008	11/10/2008
	ST106-GW-VA2-28102008	WATER	N	3 Days - E	10/28/2008	10/31/2008	11/1/2008
	ST106-GW-VA2-28102008DUP	WATER	FD	3 Days - E	10/28/2008	10/31/2008	11/1/2008
SW6010	ST106-GW-10611-27102008	WATER	N	7 Days - A	10/27/2008	10/28/2008	11/3/2008
	ST106-GW-10611-27102008FD	WATER	FD	7 Days - A	10/27/2008	10/28/2008	11/3/2008
	ST106-GW-10612-28102008	WATER	N	7 Days - A	10/28/2008	10/31/2008	11/4/2008
	ST106-GW-10613-28102008	WATER	N	7 Days - A	10/28/2008	10/31/2008	11/4/2008
SW6010B	ST106-GW-KAFB03-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/6/2008
	ST106-GW-KAFB1061-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/6/2008
	ST106-GW-KAFB1062-30102008	WATER	N	6 Days - E	10/30/2008	11/5/2008	11/6/2008
	ST106-GW-KAFB1063-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/6/2008
	ST106-GW-KAFB1064-28102008	WATER	N	8 Days - E	10/28/2008	11/5/2008	11/6/2008
	ST106-GW-KAFB1067-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/6/2008
	ST106-GW-KAFB15-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/6/2008
	ST106-GW-KAFB16-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/6/2008
	ST106-GW-KAFB3411-30102008	WATER	N	6 Days - E	10/30/2008	11/5/2008	11/6/2008

Table 4. Summary of Holding Times for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW6010B	ST106-GW-VA2-28102008	WATER	N	8 Days - E	10/28/2008	11/5/2008	11/6/2008
	ST106-GW-VA2-28102008DUP	WATER	FD	8 Days - E	10/28/2008	11/5/2008	11/6/2008
SW8011	ST106-GW-10611-27102008	WATER	N	7 Days - A	10/27/2008	10/30/2008	11/3/2008
	ST106-GW-10611-27102008FD	WATER	FD	7 Days - A	10/27/2008	10/30/2008	11/3/2008
	ST106-GW-10612-28102008	WATER	N	6 Days - A	10/28/2008	10/30/2008	11/3/2008
	ST106-GW-10613-28102008	WATER	N	6 Days - A	10/28/2008	10/30/2008	11/3/2008
SW8015-E	ST106-GW-KAFB03-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/11/2008
	ST106-GW-KAFB1061-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/11/2008
	ST106-GW-KAFB1062-30102008	WATER	N	6 Days - E	10/30/2008	11/5/2008	11/11/2008
	ST106-GW-KAFB1063-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/11/2008
	ST106-GW-KAFB1064-28102008	WATER	N	7 Days - E	10/28/2008	11/4/2008	11/6/2008
	ST106-GW-KAFB1067-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/11/2008
	ST106-GW-KAFB15-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/11/2008
	ST106-GW-KAFB16-29102008	WATER	N	7 Days - E	10/29/2008	11/5/2008	11/11/2008
	ST106-GW-KAFB3411-30102008	WATER	N	6 Days - E	10/30/2008	11/5/2008	11/11/2008
	ST106-GW-VA2-28102008	WATER	N	7 Days - E	10/28/2008	11/4/2008	11/6/2008
	ST106-GW-VA2-28102008DUP	WATER	FD	7 Days - E	10/28/2008	11/4/2008	11/6/2008
	ST106-GW-10611-27102008	WATER	N	3 Days - E	10/27/2008	10/30/2008	10/31/2008
	ST106-GW-10611-27102008FD	WATER	FD	3 Days - E	10/27/2008	10/30/2008	10/31/2008
	ST106-GW-10612-28102008	WATER	N	2 Days - E	10/28/2008	10/30/2008	10/31/2008
	ST106-GW-10613-28102008	WATER	N	2 Days - E	10/28/2008	10/30/2008	10/31/2008
SW8015-P	ST106-GW-KAFB03-29102008	WATER	N	2 Days - A	10/29/2008	10/31/2008	10/31/2008
	ST106-GW-KAFB1061-29102008	WATER	N	2 Days - A	10/29/2008	10/31/2008	10/31/2008
	ST106-GW-KAFB1062-30102008	WATER	N	2 Days - A	10/30/2008	10/31/2008	11/1/2008
	ST106-GW-KAFB1063-29102008	WATER	N	3 Days - A	10/29/2008	10/31/2008	11/1/2008
	ST106-GW-KAFB1064-28102008	WATER	N	1 Days - A	10/28/2008	10/29/2008	10/29/2008
	ST106-GW-KAFB1067-29102008	WATER	N	2 Days - A	10/29/2008	10/31/2008	10/31/2008
	ST106-GW-KAFB15-29102008	WATER	N	2 Days - A	10/29/2008	10/31/2008	10/31/2008
	ST106-GW-KAFB16-29102008	WATER	N	2 Days - A	10/29/2008	10/31/2008	10/31/2008
	ST106-GW-KAFB3411-30102008	WATER	N	2 Days - A	10/30/2008	10/31/2008	11/1/2008
	ST106-GW-VA2-28102008	WATER	N	1 Days - A	10/28/2008	10/29/2008	10/29/2008
	ST106-GW-VA2-28102008DUP	WATER	FD	1 Days - A	10/28/2008	10/29/2008	10/29/2008
	ST106-GW-10611-27102008	WATER	N	7 Days - E	10/27/2008	11/3/2008	11/3/2008
	ST106-GW-10611-27102008FD	WATER	FD	7 Days - E	10/27/2008	11/3/2008	11/3/2008
	ST106-GW-10612-28102008	WATER	N	3 Days - E	10/28/2008	10/31/2008	10/31/2008
	ST106-GW-10613-28102008	WATER	N	6 Days - E	10/28/2008	11/3/2008	11/3/2008
SW8260B	ST106-GW-10611-27102008	WATER	N	8 Days - A	10/27/2008	11/4/2008	11/4/2008
	ST106-GW-10611-27102008FD	WATER	FD	8 Days - A	10/27/2008	11/4/2008	11/4/2008
	ST106-GW-10612-28102008	WATER	N	8 Days - A	10/28/2008	11/5/2008	11/5/2008

Table 4. Summary of Holding Times for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8260B	ST106-GW-10613-28102008	WATER	N	8 Days - A	10/28/2008	11/5/2008	11/5/2008
	ST106-GW-KAFB03-29102008	WATER	N	14 Days - A	10/29/2008	11/12/2008	11/12/2008
	ST106-GW-KAFB1061-29102008	WATER	N	14 Days - A	10/29/2008	11/12/2008	11/12/2008
	ST106-GW-KAFB1062-30102008	WATER	N	13 Days - A	10/30/2008	11/12/2008	11/12/2008
	ST106-GW-KAFB1063-29102008	WATER	N	14 Days - A	10/29/2008	11/12/2008	11/12/2008
	ST106-GW-KAFB1064-28102008	WATER	N	14 Days - A	10/28/2008	11/11/2008	11/11/2008
	ST106-GW-KAFB1067-29102008	WATER	N	14 Days - A	10/29/2008	11/12/2008	11/12/2008
	ST106-GW-KAFB15-29102008	WATER	N	14 Days - A	10/29/2008	11/12/2008	11/12/2008
	ST106-GW-KAFB16-29102008	WATER	N	14 Days - A	10/29/2008	11/12/2008	11/12/2008
	ST106-GW-KAFB3411-30102008	WATER	N	13 Days - A	10/30/2008	11/12/2008	11/12/2008
	ST106-GW-VA2-28102008	WATER	N	14 Days - A	10/28/2008	11/11/2008	11/11/2008
	ST106-GW-VA2-28102008DUP	WATER	FD	14 Days - A	10/28/2008	11/11/2008	11/11/2008
SW8270C	ST106-GW-10611-27102008	WATER	N	4 Days - E	10/27/2008	10/31/2008	11/1/2008
	ST106-GW-10611-27102008FD	WATER	FD	4 Days - E	10/27/2008	10/31/2008	11/1/2008
	ST106-GW-10612-28102008	WATER	N	3 Days - E	10/28/2008	10/31/2008	11/1/2008
	ST106-GW-10613-28102008	WATER	N	3 Days - E	10/28/2008	10/31/2008	11/1/2008
	ST106-GW-KAFB03-29102008	WATER	N	5 Days - E	10/29/2008	11/3/2008	11/11/2008
	ST106-GW-KAFB1061-29102008	WATER	N	5 Days - E	10/29/2008	11/3/2008	11/11/2008
	ST106-GW-KAFB1062-30102008	WATER	N	4 Days - E	10/30/2008	11/3/2008	11/11/2008
	ST106-GW-KAFB1063-29102008	WATER	N	5 Days - E	10/29/2008	11/3/2008	11/11/2008
	ST106-GW-KAFB1064-28102008	WATER	N	6 Days - E	10/28/2008	11/3/2008	11/11/2008
	ST106-GW-KAFB1067-29102008	WATER	N	5 Days - E	10/29/2008	11/3/2008	11/11/2008
	ST106-GW-KAFB15-29102008	WATER	N	5 Days - E	10/29/2008	11/3/2008	11/11/2008
	ST106-GW-KAFB16-29102008	WATER	N	5 Days - E	10/29/2008	11/3/2008	11/11/2008
	ST106-GW-KAFB3411-30102008	WATER	N	4 Days - E	10/30/2008	11/3/2008	11/11/2008
	ST106-GW-VA2-28102008	WATER	N	6 Days - E	10/28/2008	11/3/2008	11/11/2008
	ST106-GW-VA2-28102008DUP	WATER	FD	6 Days - E	10/28/2008	11/3/2008	11/11/2008
SW8310	ST106-GW-10611-27102008	WATER	N	2 Days - E	10/27/2008	10/29/2008	11/3/2008
	ST106-GW-10611-27102008FD	WATER	FD	2 Days - E	10/27/2008	10/29/2008	11/3/2008
	ST106-GW-10612-28102008	WATER	N	6 Days - E	10/28/2008	11/3/2008	11/4/2008
	ST106-GW-10613-28102008	WATER	N	6 Days - E	10/28/2008	11/3/2008	11/4/2008
	ST106-GW-KAFB03-29102008	WATER	N	6 Days - E	10/29/2008	11/4/2008	11/10/2008
	ST106-GW-KAFB1061-29102008	WATER	N	6 Days - E	10/29/2008	11/4/2008	11/10/2008
	ST106-GW-KAFB1062-30102008	WATER	N	5 Days - E	10/30/2008	11/4/2008	11/10/2008
	ST106-GW-KAFB1063-29102008	WATER	N	6 Days - E	10/29/2008	11/4/2008	11/10/2008
	ST106-GW-KAFB1064-28102008	WATER	N	7 Days - E	10/28/2008	11/4/2008	11/7/2008
	ST106-GW-KAFB1067-29102008	WATER	N	6 Days - E	10/29/2008	11/4/2008	11/10/2008
	ST106-GW-KAFB15-29102008	WATER	N	6 Days - E	10/29/2008	11/4/2008	11/10/2008
	ST106-GW-KAFB16-29102008	WATER	N	6 Days - E	10/29/2008	11/4/2008	11/10/2008

Table 4. Summary of Holding Times for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8310	ST106-GW-KAFB3411-30102008	WATER	N	5 Days - E	10/30/2008	11/4/2008	11/10/2008
	ST106-GW-VA2-28102008	WATER	N	7 Days - E	10/28/2008	11/4/2008	11/7/2008
	ST106-GW-VA2-28102008DUP	WATER	FD	7 Days - E	10/28/2008	11/4/2008	11/7/2008

* Holding Time - Type 'A' = Analysis holding time, 'E' = Extraction holding time

QA/QC Type

N = Normal Environmental Sample
FD = Field Duplicate

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
E300											
	654879MB	WATER	LB	2510731	Nitrate	10/28/2008	10	0.015	10	U	MG/L
	655202MB		LB	2510747	Nitrate	10/29/2008	10	0.015	10	U	MG/L
	D8J300000336B		LB	D8J290148	Nitrate	10/29/2008	0.5	0.042	0.5	U	MG/L
	D8J310000523B		LB	D8J300183	Nitrate	10/30/2008	0.5	0.042	0.5	U	MG/L
	D8K010000150B		LB	D8J310209	Nitrate	10/31/2008	0.5	0.042	0.5	U	MG/L
E504											
	D8J310000477B	WATER	LB	D8J300183	1,2-Dibromoethane	10/31/2008	0.02	0.004	0.02	U	UG/L
	D8J310000481B		LB	D8J290148	1,2-Dibromoethane	11/1/2008	0.02	0.004	0.02	U	UG/L
	D8K100000384B		LB	D8J310209	1,2-Dibromoethane	11/10/2008	0.02	0.004	0.02	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,2-Dibromoethane	11/1/2008	0.02	0.004	0.02	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,2-Dibromoethane	10/31/2008	0.02	0.004	0.02	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,2-Dibromoethane	11/10/2008	0.02	0.004	0.02	U	UG/L
SW6010											
	271836BLK	WATER	LB	2510731	Iron	11/3/2008	0.1	0.006	0.1	U	MG/L
	271836BLK		LB	2510731	Manganese	11/3/2008	0.00112	0.0004	0.01	J	MG/L
	272052BLK		LB	2510747	Iron	11/4/2008	0.1	0.006	0.1	U	MG/L
	272052BLK		LB	2510747	Manganese	11/4/2008	0.01	0.0004	0.01	U	MG/L
SW6010B											
	D8K040000230B	WATER	LB	D8J300183	Iron, dissolved	11/6/2008	100	22	100	U	UG/L
	D8K040000230B		LB	D8J290148	Iron, dissolved	11/6/2008	100	22	100	U	UG/L
	D8K040000230B		LB	D8J310209	Iron, dissolved	11/6/2008	100	22	100	U	UG/L
	D8K040000230B		LB	D8J300183	Manganese, dissolved	11/6/2008	10	0.25	10	U	UG/L
	D8K040000230B		LB	D8J310209	Manganese, dissolved	11/6/2008	10	0.25	10	U	UG/L
	D8K040000230B		LB	D8J290148	Manganese, dissolved	11/6/2008	10	0.25	10	U	UG/L
SW8011											
	251BLK	WATER	LB	2510747	1,2-Dibromo-3-chloropropane	11/3/2008	0.0199	0.008	0.02	U	UG/L
	251BLK		LB	2510731	1,2-Dibromo-3-chloropropane	11/3/2008	0.0199	0.008	0.02	U	UG/L
	251BLK		LB	2510747	1,2-Dibromoethane	11/3/2008	0.0199	0.01	0.02	U	UG/L
	251BLK		LB	2510731	1,2-Dibromoethane	11/3/2008	0.0199	0.01	0.02	U	UG/L
SW8015-E											
	5246BLK	WATER	LB	2510731	TPH C10-C28	10/31/2008	250	100	250	U	UG/L
	5246BLK		LB	2510747	TPH C10-C28	10/31/2008	250	100	250	U	UG/L
	D8K040000151B		LB	D8J290148	Diesel Range Organics (C10-C28)	11/6/2008	0.25	0.033	0.25	U	MG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8015-E											
	D8K050000326B	WATER	LB	D8J300183	Diesel Range Organics (C10-C28)	11/11/2008	0.25	0.033	0.25	U	MG/L
	D8K050000326B		LB	D8J310209	Diesel Range Organics (C10-C28)	11/11/2008	0.25	0.033	0.25	U	MG/L
SW8015-P											
	1031BLK2	WATER	LB	2510731	TPH C6-C10	10/31/2008	64	32	64	U	UG/L
	1031BLK2		LB	2510747	TPH C6-C10	10/31/2008	64	32	64	U	UG/L
	1103BLK2		LB	2510747	TPH C6-C10	11/3/2008	64	32	64	U	UG/L
	1103BLK2		LB	2510731	TPH C6-C10	11/3/2008	64	32	64	U	UG/L
	D8J300000270B		LB	D8J290148	TPH-Gasoline	10/29/2008	25	4.9	25	U	UG/L
	D8K010000107B		LB	D8J310209	TPH-Gasoline	10/31/2008	25	4.9	25	U	UG/L
	D8K010000107B		LB	D8J300183	TPH-Gasoline	10/31/2008	25	4.9	25	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	TPH C6-C10	10/31/2008	64	32	64	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	TPH-Gasoline	10/29/2008	6.3	4.9	25	J	UG/L
	ST106-TB-106-29102008		TB	D8J300183	TPH-Gasoline	11/1/2008	8	4.9	25	J	UG/L
	ST106-TB-106-30102008		TB	D8J310209	TPH-Gasoline	11/1/2008	6.5	4.9	25	J	UG/L
	ST106-TB-28102008P		TB	2510747	TPH C6-C10	10/31/2008	64	32	64	U	UG/L
SW8260B											
	1104BLK52	WATER	LB	2510731	1,1,1,2-Tetrachloroethane	11/4/2008	1	0.25	1	U	UG/L
	1104BLK52		LB	2510731	1,1,1-Trichloroethane	11/4/2008	1	0.16	1	U	UG/L
	1104BLK52		LB	2510731	1,1,2,2-Tetrachloroethane	11/4/2008	1	0.26	1	U	UG/L
	1104BLK52		LB	2510731	1,1,2-Trichloroethane	11/4/2008	1	0.28	1	U	UG/L
	1104BLK52		LB	2510731	1,1-Dichloroethane	11/4/2008	1	0.22	1	U	UG/L
	1104BLK52		LB	2510731	1,1-Dichloroethene	11/4/2008	1	0.24	1	U	UG/L
	1104BLK52		LB	2510731	1,1-Dichloropropene	11/4/2008	1	0.19	1	U	UG/L
	1104BLK52		LB	2510731	1,2,3-Trichlorobenzene	11/4/2008	1.2	0.61	1.2	U	UG/L
	1104BLK52		LB	2510731	1,2,3-Trichloropropane	11/4/2008	1.5	0.76	1.5	U	UG/L
	1104BLK52		LB	2510731	1,2,4-Trichlorobenzene	11/4/2008	1	0.5	1	U	UG/L
	1104BLK52		LB	2510731	1,2,4-Trimethylbenzene	11/4/2008	1	0.17	1	U	UG/L
	1104BLK52		LB	2510731	1,2-Dibromo-3-chloropropane	11/4/2008	5	1.4	5	U	UG/L
	1104BLK52		LB	2510731	1,2-Dibromoethane	11/4/2008	1	0.33	1	U	UG/L
	1104BLK52		LB	2510731	1,2-Dichlorobenzene	11/4/2008	1	0.26	1	U	UG/L
	1104BLK52		LB	2510731	1,2-Dichloroethane	11/4/2008	1	0.4	1	U	UG/L
	1104BLK52		LB	2510731	1,2-Dichloropropane	11/4/2008	1	0.27	1	U	UG/L
	1104BLK52		LB	2510731	1,3,5-Trimethylbenzene	11/4/2008	1	0.22	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	1104BLK52	WATER	LB	2510731	1,3-Dichlorobenzene	11/4/2008	1	0.14	1	U	UG/L
	1104BLK52		LB	2510731	1,3-Dichloropropane	11/4/2008	1	0.19	1	U	UG/L
	1104BLK52		LB	2510731	1,4-Dichlorobenzene	11/4/2008	1	0.24	1	U	UG/L
	1104BLK52		LB	2510731	2,2-Dichloropropane	11/4/2008	5	0.32	5	U	UG/L
	1104BLK52		LB	2510731	2-Butanone	11/4/2008	6	1	6	U	UG/L
	1104BLK52		LB	2510731	2-Chlorotoluene	11/4/2008	1	0.32	1	U	UG/L
	1104BLK52		LB	2510731	2-Hexanone	11/4/2008	5	0.8	5	U	UG/L
	1104BLK52		LB	2510731	4-Chlorotoluene	11/4/2008	1	0.12	1	U	UG/L
	1104BLK52		LB	2510731	4-Methyl-2-Pentanone	11/4/2008	5	0.61	5	U	UG/L
	1104BLK52		LB	2510731	Acetone	11/4/2008	10	3.6	10	U	UG/L
	1104BLK52		LB	2510731	Benzene	11/4/2008	1	0.16	1	U	UG/L
	1104BLK52		LB	2510731	Bromobenzene	11/4/2008	1	0.27	1	U	UG/L
	1104BLK52		LB	2510731	Bromochloromethane	11/4/2008	1	0.38	1	U	UG/L
	1104BLK52		LB	2510731	Bromodichloromethane	11/4/2008	1	0.15	1	U	UG/L
	1104BLK52		LB	2510731	Bromoform	11/4/2008	1	0.35	1	U	UG/L
	1104BLK52		LB	2510731	Bromomethane	11/4/2008	2	0.76	2	U	UG/L
	1104BLK52		LB	2510731	Carbon disulfide	11/4/2008	2	0.29	2	U	UG/L
	1104BLK52		LB	2510731	Carbon tetrachloride	11/4/2008	1	0.33	1	U	UG/L
	1104BLK52		LB	2510731	Chlorobenzene	11/4/2008	1	0.18	1	U	UG/L
	1104BLK52		LB	2510731	Chloroethane	11/4/2008	2	0.99	2	U	UG/L
	1104BLK52		LB	2510731	Chloroform	11/4/2008	1	0.29	1	U	UG/L
	1104BLK52		LB	2510731	Chloromethane	11/4/2008	2	0.68	2	U	UG/L
	1104BLK52		LB	2510731	cis-1,2-Dichloroethene	11/4/2008	1	0.29	1	U	UG/L
	1104BLK52		LB	2510731	cis-1,3-Dichloropropene	11/4/2008	1	0.23	1	U	UG/L
	1104BLK52		LB	2510731	Dibromochloromethane	11/4/2008	1	0.34	1	U	UG/L
	1104BLK52		LB	2510731	Dibromomethane	11/4/2008	1.1	0.53	1.1	U	UG/L
	1104BLK52		LB	2510731	Dichlorodifluoromethane	11/4/2008	2	0.19	2	U	UG/L
	1104BLK52		LB	2510731	Ethylbenzene	11/4/2008	1	0.43	1	U	UG/L
	1104BLK52		LB	2510731	Hexachlorobutadiene	11/4/2008	1	0.4	1	U	UG/L
	1104BLK52		LB	2510731	Isopropylbenzene	11/4/2008	1	0.41	1	U	UG/L
	1104BLK52		LB	2510731	m,p-Xylene	11/4/2008	2	0.27	2	U	UG/L
	1104BLK52		LB	2510731	Methyl tert-butyl ether (MTBE)	11/4/2008	5	0.26	5	U	UG/L
	1104BLK52		LB	2510731	Methylene chloride	11/4/2008	5	0.52	5	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	1104BLK52	WATER	LB	2510731	Naphthalene	11/4/2008	1	0.32	1	U	UG/L
	1104BLK52		LB	2510731	n-Butylbenzene	11/4/2008	1	0.22	1	U	UG/L
	1104BLK52		LB	2510731	n-Propylbenzene	11/4/2008	1	0.28	1	U	UG/L
	1104BLK52		LB	2510731	o-Xylene	11/4/2008	0.27	0.2	1	J	UG/L
	1104BLK52		LB	2510731	p-Isopropyltoluene	11/4/2008	1	0.24	1	U	UG/L
	1104BLK52		LB	2510731	sec-Butylbenzene	11/4/2008	1	0.2	1	U	UG/L
	1104BLK52		LB	2510731	Styrene	11/4/2008	1	0.2	1	U	UG/L
	1104BLK52		LB	2510731	tert-Butylbenzene	11/4/2008	1	0.28	1	U	UG/L
	1104BLK52		LB	2510731	Tetrachloroethene	11/4/2008	1	0.35	1	U	UG/L
	1104BLK52		LB	2510731	Toluene	11/4/2008	1	0.22	1	U	UG/L
	1104BLK52		LB	2510731	Trans-1,2-Dichloroethene	11/4/2008	1	0.23	1	U	UG/L
	1104BLK52		LB	2510731	trans-1,3-Dichloropropene	11/4/2008	1	0.15	1	U	UG/L
	1104BLK52		LB	2510731	Trichloroethene	11/4/2008	1	0.42	1	U	UG/L
	1104BLK52		LB	2510731	Trichlorofluoromethane	11/4/2008	2	0.25	2	U	UG/L
	1104BLK52		LB	2510731	Vinyl Chloride	11/4/2008	1	0.28	1	U	UG/L
	1104BLK52		LB	2510731	Xylenes, Total	11/4/2008	3	0.27	3	U	UG/L
	1105BLK52		LB	2510747	1,1,1,2-Tetrachloroethane	11/5/2008	1	0.25	1	U	UG/L
	1105BLK52		LB	2510747	1,1,1-Trichloroethane	11/5/2008	1	0.16	1	U	UG/L
	1105BLK52		LB	2510747	1,1,2,2-Tetrachloroethane	11/5/2008	1	0.26	1	U	UG/L
	1105BLK52		LB	2510747	1,1,2-Trichloroethane	11/5/2008	1	0.28	1	U	UG/L
	1105BLK52		LB	2510747	1,1-Dichloroethane	11/5/2008	1	0.22	1	U	UG/L
	1105BLK52		LB	2510747	1,1-Dichloroethene	11/5/2008	1	0.24	1	U	UG/L
	1105BLK52		LB	2510747	1,1-Dichloropropene	11/5/2008	1	0.19	1	U	UG/L
	1105BLK52		LB	2510747	1,2,3-Trichlorobenzene	11/5/2008	1.2	0.61	1.2	U	UG/L
	1105BLK52		LB	2510747	1,2,3-Trichloropropane	11/5/2008	1.5	0.76	1.5	U	UG/L
	1105BLK52		LB	2510747	1,2,4-Trichlorobenzene	11/5/2008	1	0.5	1	U	UG/L
	1105BLK52		LB	2510747	1,2,4-Trimethylbenzene	11/5/2008	1	0.17	1	U	UG/L
	1105BLK52		LB	2510747	1,2-Dibromo-3-chloropropane	11/5/2008	5	1.4	5	U	UG/L
	1105BLK52		LB	2510747	1,2-Dibromoethane	11/5/2008	1	0.33	1	U	UG/L
	1105BLK52		LB	2510747	1,2-Dichlorobenzene	11/5/2008	1	0.26	1	U	UG/L
	1105BLK52		LB	2510747	1,2-Dichloroethane	11/5/2008	1	0.4	1	U	UG/L
	1105BLK52		LB	2510747	1,2-Dichloropropane	11/5/2008	1	0.27	1	U	UG/L
	1105BLK52		LB	2510747	1,3,5-Trimethylbenzene	11/5/2008	1	0.22	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	1105BLK52	WATER	LB	2510747	1,3-Dichlorobenzene	11/5/2008	1	0.14	1	U	UG/L
	1105BLK52		LB	2510747	1,3-Dichloropropane	11/5/2008	1	0.19	1	U	UG/L
	1105BLK52		LB	2510747	1,4-Dichlorobenzene	11/5/2008	1	0.24	1	U	UG/L
	1105BLK52		LB	2510747	2,2-Dichloropropane	11/5/2008	5	0.32	5	U	UG/L
	1105BLK52		LB	2510747	2-Butanone	11/5/2008	6	1	6	U	UG/L
	1105BLK52		LB	2510747	2-Chlorotoluene	11/5/2008	1	0.32	1	U	UG/L
	1105BLK52		LB	2510747	2-Hexanone	11/5/2008	5	0.8	5	U	UG/L
	1105BLK52		LB	2510747	4-Chlorotoluene	11/5/2008	1	0.12	1	U	UG/L
	1105BLK52		LB	2510747	4-Methyl-2-Pentanone	11/5/2008	5	0.61	5	U	UG/L
	1105BLK52		LB	2510747	Acetone	11/5/2008	10	3.6	10	U	UG/L
	1105BLK52		LB	2510747	Benzene	11/5/2008	1	0.16	1	U	UG/L
	1105BLK52		LB	2510747	Bromobenzene	11/5/2008	1	0.27	1	U	UG/L
	1105BLK52		LB	2510747	Bromochloromethane	11/5/2008	1	0.38	1	U	UG/L
	1105BLK52		LB	2510747	Bromodichloromethane	11/5/2008	1	0.15	1	U	UG/L
	1105BLK52		LB	2510747	Bromoform	11/5/2008	1	0.35	1	U	UG/L
	1105BLK52		LB	2510747	Bromomethane	11/5/2008	2	0.76	2	U	UG/L
	1105BLK52		LB	2510747	Carbon disulfide	11/5/2008	2	0.29	2	U	UG/L
	1105BLK52		LB	2510747	Carbon tetrachloride	11/5/2008	1	0.33	1	U	UG/L
	1105BLK52		LB	2510747	Chlorobenzene	11/5/2008	1	0.18	1	U	UG/L
	1105BLK52		LB	2510747	Chloroethane	11/5/2008	2	0.99	2	U	UG/L
	1105BLK52		LB	2510747	Chloroform	11/5/2008	1	0.29	1	U	UG/L
	1105BLK52		LB	2510747	Chloromethane	11/5/2008	2	0.68	2	U	UG/L
	1105BLK52		LB	2510747	cis-1,2-Dichloroethene	11/5/2008	1	0.29	1	U	UG/L
	1105BLK52		LB	2510747	cis-1,3-Dichloropropene	11/5/2008	1	0.23	1	U	UG/L
	1105BLK52		LB	2510747	Dibromochloromethane	11/5/2008	1	0.34	1	U	UG/L
	1105BLK52		LB	2510747	Dibromomethane	11/5/2008	1.1	0.53	1.1	U	UG/L
	1105BLK52		LB	2510747	Dichlorodifluoromethane	11/5/2008	2	0.19	2	U	UG/L
	1105BLK52		LB	2510747	Ethylbenzene	11/5/2008	1	0.43	1	U	UG/L
	1105BLK52		LB	2510747	Hexachlorobutadiene	11/5/2008	1	0.4	1	U	UG/L
	1105BLK52		LB	2510747	Isopropylbenzene	11/5/2008	1	0.41	1	U	UG/L
	1105BLK52		LB	2510747	m,p-Xylene	11/5/2008	2	0.27	2	U	UG/L
	1105BLK52		LB	2510747	Methyl tert-butyl ether (MTBE)	11/5/2008	5	0.26	5	U	UG/L
	1105BLK52		LB	2510747	Methylene chloride	11/5/2008	5	0.52	5	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	1105BLK52	WATER	LB	2510747	Naphthalene	11/5/2008	1	0.32	1	U	UG/L
	1105BLK52		LB	2510747	n-Butylbenzene	11/5/2008	1	0.22	1	U	UG/L
	1105BLK52		LB	2510747	n-Propylbenzene	11/5/2008	1	0.28	1	U	UG/L
	1105BLK52		LB	2510747	o-Xylene	11/5/2008	1	0.2	1	U	UG/L
	1105BLK52		LB	2510747	p-Isopropyltoluene	11/5/2008	1	0.24	1	U	UG/L
	1105BLK52		LB	2510747	sec-Butylbenzene	11/5/2008	1	0.2	1	U	UG/L
	1105BLK52		LB	2510747	Styrene	11/5/2008	1	0.2	1	U	UG/L
	1105BLK52		LB	2510747	tert-Butylbenzene	11/5/2008	1	0.28	1	U	UG/L
	1105BLK52		LB	2510747	Tetrachloroethene	11/5/2008	1	0.35	1	U	UG/L
	1105BLK52		LB	2510747	Toluene	11/5/2008	1	0.22	1	U	UG/L
	1105BLK52		LB	2510747	Trans-1,2-Dichloroethene	11/5/2008	1	0.23	1	U	UG/L
	1105BLK52		LB	2510747	trans-1,3-Dichloropropene	11/5/2008	1	0.15	1	U	UG/L
	1105BLK52		LB	2510747	Trichloroethene	11/5/2008	1	0.42	1	U	UG/L
	1105BLK52		LB	2510747	Trichlorofluoromethane	11/5/2008	2	0.25	2	U	UG/L
	1105BLK52		LB	2510747	Vinyl Chloride	11/5/2008	1	0.28	1	U	UG/L
	1105BLK52		LB	2510747	Xylenes, Total	11/5/2008	3	0.27	3	U	UG/L
	D8K120000306B		LB	D8J290148	1,1,1,2-Tetrachloroethane	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,1,1-Trichloroethane	11/11/2008	1	0.16	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,1,2,2-Tetrachloroethane	11/11/2008	1	0.2	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,1,2-Trichloroethane	11/11/2008	1	0.32	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,1-Dichloroethane	11/11/2008	1	0.16	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,1-Dichloroethene	11/11/2008	1	0.14	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,1-Dichloropropene	11/11/2008	1	0.15	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,2,3-Trichlorobenzene	11/11/2008	1	0.18	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,2,3-Trichloropropane	11/11/2008	1	0.77	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,2,4-Trichlorobenzene	11/11/2008	1	0.32	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,2,4-Trimethylbenzene	11/11/2008	1	0.14	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,2-Dibromo-3-chloropropane	11/11/2008	5	1.5	5	U	UG/L
	D8K120000306B		LB	D8J290148	1,2-Dibromoethane	11/11/2008	1	0.18	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,2-Dichlorobenzene	11/11/2008	1	0.13	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,2-Dichloroethane	11/11/2008	1	0.13	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,2-Dichloropropane	11/11/2008	1	0.13	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,3,5-Trimethylbenzene	11/11/2008	1	0.14	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	D8K120000306B	WATER	LB	D8J290148	1,3-Dichlorobenzene	11/11/2008	1	0.16	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,3-Dichloropropane	11/11/2008	1	0.15	1	U	UG/L
	D8K120000306B		LB	D8J290148	1,4-Dichlorobenzene	11/11/2008	1	0.16	1	U	UG/L
	D8K120000306B		LB	D8J290148	2,2-Dichloropropane	11/11/2008	5	0.2	5	U	UG/L
	D8K120000306B		LB	D8J290148	2-Butanone	11/11/2008	6	1.8	6	U	UG/L
	D8K120000306B		LB	D8J290148	2-Chlorotoluene	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	2-Hexanone	11/11/2008	5	1.4	5	U	UG/L
	D8K120000306B		LB	D8J290148	4-Chlorotoluene	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	4-Methyl-2-Pentanone	11/11/2008	5	1	5	U	UG/L
	D8K120000306B		LB	D8J290148	Acetone	11/11/2008	10	1.9	10	U	UG/L
	D8K120000306B		LB	D8J290148	Benzene	11/11/2008	1	0.16	1	U	UG/L
	D8K120000306B		LB	D8J290148	Bromobenzene	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	Bromochloromethane	11/11/2008	1	0.1	1	U	UG/L
	D8K120000306B		LB	D8J290148	Bromodichloromethane	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	Bromoform	11/11/2008	1	0.19	1	U	UG/L
	D8K120000306B		LB	D8J290148	Bromomethane	11/11/2008	2	0.21	2	U	UG/L
	D8K120000306B		LB	D8J290148	Carbon disulfide	11/11/2008	2	0.45	2	U	UG/L
	D8K120000306B		LB	D8J290148	Carbon tetrachloride	11/11/2008	1	0.19	1	U	UG/L
	D8K120000306B		LB	D8J290148	Chlorobenzene	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	Chloroethane	11/11/2008	2	0.41	2	U	UG/L
	D8K120000306B		LB	D8J290148	Chloroform	11/11/2008	1	0.16	1	U	UG/L
	D8K120000306B		LB	D8J290148	Chloromethane	11/11/2008	2	0.3	2	U	UG/L
	D8K120000306B		LB	D8J290148	cis-1,2-Dichloroethene	11/11/2008	1	0.15	1	U	UG/L
	D8K120000306B		LB	D8J290148	cis-1,3-Dichloropropene	11/11/2008	1	0.16	1	U	UG/L
	D8K120000306B		LB	D8J290148	Dibromochloromethane	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	Dibromomethane	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	Dichlorodifluoromethane	11/11/2008	2	0.31	2	U	UG/L
	D8K120000306B		LB	D8J290148	Ethylbenzene	11/11/2008	1	0.16	1	U	UG/L
	D8K120000306B		LB	D8J290148	Hexachlorobutadiene	11/11/2008	1	0.12	1	U	UG/L
	D8K120000306B		LB	D8J290148	Isopropylbenzene	11/11/2008	1	0.19	1	U	UG/L
	D8K120000306B		LB	D8J290148	m,p-Xylene	11/11/2008	2	0.34	2	U	UG/L
	D8K120000306B		LB	D8J290148	Methyl tert-butyl ether (MTBE)	11/11/2008	5	0.25	5	U	UG/L
	D8K120000306B		LB	D8J290148	Methylene chloride	11/11/2008	5	0.32	5	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	D8K120000306B	WATER	LB	D8J290148	Naphthalene	11/11/2008	1	0.22	1	U	UG/L
	D8K120000306B		LB	D8J290148	n-Butylbenzene	11/11/2008	1	0.14	1	U	UG/L
	D8K120000306B		LB	D8J290148	n-Propylbenzene	11/11/2008	1	0.16	1	U	UG/L
	D8K120000306B		LB	D8J290148	o-Xylene	11/11/2008	1	0.19	1	U	UG/L
	D8K120000306B		LB	D8J290148	p-Isopropyltoluene	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	sec-Butylbenzene	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	Styrene	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	tert-Butylbenzene	11/11/2008	1	0.16	1	U	UG/L
	D8K120000306B		LB	D8J290148	Tetrachloroethene	11/11/2008	1	0.2	1	U	UG/L
	D8K120000306B		LB	D8J290148	Toluene	11/11/2008	1	0.17	1	U	UG/L
	D8K120000306B		LB	D8J290148	Trans-1,2-Dichloroethene	11/11/2008	1	0.15	1	U	UG/L
	D8K120000306B		LB	D8J290148	trans-1,3-Dichloropropene	11/11/2008	1	0.19	1	U	UG/L
	D8K120000306B		LB	D8J290148	Trichloroethene	11/11/2008	1	0.16	1	U	UG/L
	D8K120000306B		LB	D8J290148	Trichlorofluoromethane	11/11/2008	2	0.29	2	U	UG/L
	D8K120000306B		LB	D8J290148	Vinyl Chloride	11/11/2008	1	0.4	1	U	UG/L
	D8K120000306B		LB	D8J290148	Xylenes, Total	11/11/2008	2	0.19	2	U	UG/L
	D8K120000680B		LB	D8J310209	1,1,1,2-Tetrachloroethane	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,1,1,2-Tetrachloroethane	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,1,1-Trichloroethane	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,1,1-Trichloroethane	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,1,2,2-Tetrachloroethane	11/12/2008	1	0.2	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,1,2,2-Tetrachloroethane	11/12/2008	1	0.2	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,1,2-Trichloroethane	11/12/2008	1	0.32	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,1,2-Trichloroethane	11/12/2008	1	0.32	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,1-Dichloroethane	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,1-Dichloroethane	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,1-Dichloroethene	11/12/2008	1	0.14	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,1-Dichloroethene	11/12/2008	1	0.14	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,1-Dichloropropene	11/12/2008	1	0.15	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,1-Dichloropropene	11/12/2008	1	0.15	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,2,3-Trichlorobenzene	11/12/2008	1	0.18	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,2,3-Trichlorobenzene	11/12/2008	1	0.18	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,2,3-Trichloropropane	11/12/2008	1	0.77	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	D8K120000680B	WATER	LB	D8J300183	1,2,3-Trichloropropane	11/12/2008	1	0.77	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,2,4-Trichlorobenzene	11/12/2008	1	0.32	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,2,4-Trichlorobenzene	11/12/2008	1	0.32	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,2,4-Trimethylbenzene	11/12/2008	1	0.14	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,2,4-Trimethylbenzene	11/12/2008	1	0.14	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,2-Dibromo-3-chloropropane	11/12/2008	5	1.5	5	U	UG/L
	D8K120000680B		LB	D8J300183	1,2-Dibromo-3-chloropropane	11/12/2008	5	1.5	5	U	UG/L
	D8K120000680B		LB	D8J310209	1,2-Dibromoethane	11/12/2008	1	0.18	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,2-Dibromoethane	11/12/2008	1	0.18	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,2-Dichlorobenzene	11/12/2008	1	0.13	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,2-Dichlorobenzene	11/12/2008	1	0.13	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,2-Dichloroethane	11/12/2008	1	0.13	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,2-Dichloroethane	11/12/2008	1	0.13	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,2-Dichloropropane	11/12/2008	1	0.13	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,2-Dichloropropane	11/12/2008	1	0.13	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,3,5-Trimethylbenzene	11/12/2008	1	0.14	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,3,5-Trimethylbenzene	11/12/2008	1	0.14	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,3-Dichlorobenzene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,3-Dichlorobenzene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,3-Dichloropropane	11/12/2008	1	0.15	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,3-Dichloropropane	11/12/2008	1	0.15	1	U	UG/L
	D8K120000680B		LB	D8J300183	1,4-Dichlorobenzene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J310209	1,4-Dichlorobenzene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J310209	2,2-Dichloropropane	11/12/2008	5	0.2	5	U	UG/L
	D8K120000680B		LB	D8J300183	2,2-Dichloropropane	11/12/2008	5	0.2	5	U	UG/L
	D8K120000680B		LB	D8J310209	2-Butanone	11/12/2008	6	1.8	6	U	UG/L
	D8K120000680B		LB	D8J300183	2-Butanone	11/12/2008	6	1.8	6	U	UG/L
	D8K120000680B		LB	D8J310209	2-Chlorotoluene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	2-Chlorotoluene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	2-Hexanone	11/12/2008	5	1.4	5	U	UG/L
	D8K120000680B		LB	D8J310209	2-Hexanone	11/12/2008	5	1.4	5	U	UG/L
	D8K120000680B		LB	D8J300183	4-Chlorotoluene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J310209	4-Chlorotoluene	11/12/2008	1	0.17	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	D8K120000680B	WATER	LB	D8J310209	4-Methyl-2-Pentanone	11/12/2008	5	1	5	U	UG/L
	D8K120000680B		LB	D8J300183	4-Methyl-2-Pentanone	11/12/2008	5	1	5	U	UG/L
	D8K120000680B		LB	D8J310209	Acetone	11/12/2008	10	1.9	10	U	UG/L
	D8K120000680B		LB	D8J300183	Acetone	11/12/2008	10	1.9	10	U	UG/L
	D8K120000680B		LB	D8J310209	Benzene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J300183	Benzene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J310209	Bromobenzene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	Bromobenzene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	Bromochloromethane	11/12/2008	1	0.1	1	U	UG/L
	D8K120000680B		LB	D8J310209	Bromochloromethane	11/12/2008	1	0.1	1	U	UG/L
	D8K120000680B		LB	D8J310209	Bromodichloromethane	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	Bromodichloromethane	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	Bromoform	11/12/2008	1	0.19	1	U	UG/L
	D8K120000680B		LB	D8J310209	Bromoform	11/12/2008	1	0.19	1	U	UG/L
	D8K120000680B		LB	D8J310209	Bromomethane	11/12/2008	2	0.21	2	U	UG/L
	D8K120000680B		LB	D8J300183	Bromomethane	11/12/2008	2	0.21	2	U	UG/L
	D8K120000680B		LB	D8J300183	Carbon disulfide	11/12/2008	2	0.45	2	U	UG/L
	D8K120000680B		LB	D8J310209	Carbon disulfide	11/12/2008	2	0.45	2	U	UG/L
	D8K120000680B		LB	D8J300183	Carbon tetrachloride	11/12/2008	1	0.19	1	U	UG/L
	D8K120000680B		LB	D8J310209	Carbon tetrachloride	11/12/2008	1	0.19	1	U	UG/L
	D8K120000680B		LB	D8J310209	Chlorobenzene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	Chlorobenzene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	Chloroethane	11/12/2008	2	0.41	2	U	UG/L
	D8K120000680B		LB	D8J310209	Chloroethane	11/12/2008	2	0.41	2	U	UG/L
	D8K120000680B		LB	D8J310209	Chloroform	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J300183	Chloroform	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J310209	Chloromethane	11/12/2008	2	0.3	2	U	UG/L
	D8K120000680B		LB	D8J300183	Chloromethane	11/12/2008	2	0.3	2	U	UG/L
	D8K120000680B		LB	D8J310209	cis-1,2-Dichloroethene	11/12/2008	1	0.15	1	U	UG/L
	D8K120000680B		LB	D8J300183	cis-1,2-Dichloroethene	11/12/2008	1	0.15	1	U	UG/L
	D8K120000680B		LB	D8J300183	cis-1,3-Dichloropropene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J310209	cis-1,3-Dichloropropene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J300183	Dibromochloromethane	11/12/2008	1	0.17	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	D8K120000680B	WATER	LB	D8J310209	Dibromochloromethane	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	Dibromomethane	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J310209	Dibromomethane	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J310209	Dichlorodifluoromethane	11/12/2008	2	0.31	2	U	UG/L
	D8K120000680B		LB	D8J300183	Dichlorodifluoromethane	11/12/2008	2	0.31	2	U	UG/L
	D8K120000680B		LB	D8J300183	Ethylbenzene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J310209	Ethylbenzene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J310209	Hexachlorobutadiene	11/12/2008	1	0.12	1	U	UG/L
	D8K120000680B		LB	D8J300183	Hexachlorobutadiene	11/12/2008	1	0.12	1	U	UG/L
	D8K120000680B		LB	D8J300183	Isopropylbenzene	11/12/2008	1	0.19	1	U	UG/L
	D8K120000680B		LB	D8J310209	Isopropylbenzene	11/12/2008	1	0.19	1	U	UG/L
	D8K120000680B		LB	D8J300183	m,p-Xylene	11/12/2008	2	0.34	2	U	UG/L
	D8K120000680B		LB	D8J310209	m,p-Xylene	11/12/2008	2	0.34	2	U	UG/L
	D8K120000680B		LB	D8J310209	Methyl tert-butyl ether (MTBE)	11/12/2008	5	0.25	5	U	UG/L
	D8K120000680B		LB	D8J300183	Methyl tert-butyl ether (MTBE)	11/12/2008	5	0.25	5	U	UG/L
	D8K120000680B		LB	D8J310209	Methylene chloride	11/12/2008	0.45	0.32	5	J	UG/L
	D8K120000680B		LB	D8J300183	Methylene chloride	11/12/2008	0.45	0.32	5	J	UG/L
	D8K120000680B		LB	D8J310209	Naphthalene	11/12/2008	1	0.22	1	U	UG/L
	D8K120000680B		LB	D8J300183	Naphthalene	11/12/2008	1	0.22	1	U	UG/L
	D8K120000680B		LB	D8J300183	n-Butylbenzene	11/12/2008	1	0.14	1	U	UG/L
	D8K120000680B		LB	D8J310209	n-Butylbenzene	11/12/2008	1	0.14	1	U	UG/L
	D8K120000680B		LB	D8J310209	n-Propylbenzene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J300183	n-Propylbenzene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J300183	o-Xylene	11/12/2008	1	0.19	1	U	UG/L
	D8K120000680B		LB	D8J310209	o-Xylene	11/12/2008	1	0.19	1	U	UG/L
	D8K120000680B		LB	D8J310209	p-Isopropyltoluene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	p-Isopropyltoluene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J310209	sec-Butylbenzene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	sec-Butylbenzene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	Styrene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J310209	Styrene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	tert-Butylbenzene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J310209	tert-Butylbenzene	11/12/2008	1	0.16	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	D8K120000680B	WATER	LB	D8J310209	Tetrachloroethene	11/12/2008	1	0.2	1	U	UG/L
	D8K120000680B		LB	D8J300183	Tetrachloroethene	11/12/2008	1	0.2	1	U	UG/L
	D8K120000680B		LB	D8J310209	Toluene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J300183	Toluene	11/12/2008	1	0.17	1	U	UG/L
	D8K120000680B		LB	D8J310209	Trans-1,2-Dichloroethene	11/12/2008	1	0.15	1	U	UG/L
	D8K120000680B		LB	D8J300183	Trans-1,2-Dichloroethene	11/12/2008	1	0.15	1	U	UG/L
	D8K120000680B		LB	D8J310209	trans-1,3-Dichloropropene	11/12/2008	1	0.19	1	U	UG/L
	D8K120000680B		LB	D8J300183	trans-1,3-Dichloropropene	11/12/2008	1	0.19	1	U	UG/L
	D8K120000680B		LB	D8J310209	Trichloroethene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J300183	Trichloroethene	11/12/2008	1	0.16	1	U	UG/L
	D8K120000680B		LB	D8J310209	Trichlorofluoromethane	11/12/2008	2	0.29	2	U	UG/L
	D8K120000680B		LB	D8J300183	Trichlorofluoromethane	11/12/2008	2	0.29	2	U	UG/L
	D8K120000680B		LB	D8J300183	Vinyl Chloride	11/12/2008	1	0.4	1	U	UG/L
	D8K120000680B		LB	D8J310209	Vinyl Chloride	11/12/2008	1	0.4	1	U	UG/L
	D8K120000680B		LB	D8J310209	Xylenes, Total	11/12/2008	2	0.19	2	U	UG/L
	D8K120000680B		LB	D8J300183	Xylenes, Total	11/12/2008	2	0.19	2	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,1,1,2-Tetrachloroethane	11/4/2008	1	0.25	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,1,1-Trichloroethane	11/4/2008	1	0.16	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,1,2,2-Tetrachloroethane	11/4/2008	1	0.26	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,1,2-Trichloroethane	11/4/2008	1	0.28	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,1-Dichloroethane	11/4/2008	1	0.22	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,1-Dichloroethene	11/4/2008	1	0.24	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,1-Dichloropropene	11/4/2008	1	0.19	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,2,3-Trichlorobenzene	11/4/2008	1.2	0.61	1.2	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,2,3-Trichloropropane	11/4/2008	1.5	0.76	1.5	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,2,4-Trichlorobenzene	11/4/2008	1	0.5	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,2,4-Trimethylbenzene	11/4/2008	1	0.17	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,2-Dibromo-3-chloropropane	11/4/2008	5	1.4	5	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,2-Dibromoethane	11/4/2008	1	0.33	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,2-Dichlorobenzene	11/4/2008	1	0.26	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,2-Dichloroethane	11/4/2008	1	0.4	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,2-Dichloropropane	11/4/2008	1	0.27	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,3,5-Trimethylbenzene	11/4/2008	1	0.22	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-106-27102008P	WATER	TB	2510731	1,3-Dichlorobenzene	11/4/2008	1	0.14	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,3-Dichloropropane	11/4/2008	1	0.19	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	1,4-Dichlorobenzene	11/4/2008	1	0.24	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	2,2-Dichloropropane	11/4/2008	5	0.32	5	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	2-Butanone	11/4/2008	6	1	6	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	2-Chlorotoluene	11/4/2008	1	0.32	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	2-Hexanone	11/4/2008	5	0.8	5	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	4-Chlorotoluene	11/4/2008	1	0.12	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	4-Methyl-2-Pentanone	11/4/2008	5	0.61	5	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Acetone	11/4/2008	10	3.6	10	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Benzene	11/4/2008	1	0.16	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Bromobenzene	11/4/2008	1	0.27	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Bromochloromethane	11/4/2008	1	0.38	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Bromodichloromethane	11/4/2008	1	0.15	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Bromoform	11/4/2008	1	0.35	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Bromomethane	11/4/2008	2	0.76	2	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Carbon disulfide	11/4/2008	2	0.29	2	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Carbon tetrachloride	11/4/2008	1	0.33	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Chlorobenzene	11/4/2008	1	0.18	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Chloroethane	11/4/2008	2	0.99	2	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Chloroform	11/4/2008	1	0.29	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Chloromethane	11/4/2008	2	0.68	2	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	cis-1,2-Dichloroethene	11/4/2008	1	0.29	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	cis-1,3-Dichloropropene	11/4/2008	1	0.23	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Dibromochloromethane	11/4/2008	1	0.34	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Dibromomethane	11/4/2008	1.1	0.53	1.1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Dichlorodifluoromethane	11/4/2008	2	0.19	2	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Ethylbenzene	11/4/2008	1	0.43	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Hexachlorobutadiene	11/4/2008	1	0.4	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Isopropylbenzene	11/4/2008	1	0.41	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	m,p-Xylene	11/4/2008	2	0.27	2	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Methyl tert-butyl ether (MTBE)	11/4/2008	5	0.26	5	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Methylene chloride	11/4/2008	5	0.52	5	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-106-27102008P	WATER	TB	2510731	Naphthalene	11/4/2008	1	0.32	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	n-Butylbenzene	11/4/2008	1	0.22	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	n-Propylbenzene	11/4/2008	1	0.28	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	o-Xylene	11/4/2008	1	0.2	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	p-Isopropyltoluene	11/4/2008	1	0.24	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	sec-Butylbenzene	11/4/2008	1	0.2	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Styrene	11/4/2008	1	0.2	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	tert-Butylbenzene	11/4/2008	1	0.28	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Tetrachloroethene	11/4/2008	1	0.35	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Toluene	11/4/2008	1	0.22	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Trans-1,2-Dichloroethene	11/4/2008	1	0.23	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	trans-1,3-Dichloropropene	11/4/2008	1	0.15	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Trichloroethene	11/4/2008	1	0.42	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Trichlorofluoromethane	11/4/2008	2	0.25	2	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Vinyl Chloride	11/4/2008	1	0.28	1	U	UG/L
	ST106-TB-106-27102008P		TB	2510731	Xylenes, Total	11/4/2008	3	0.27	3	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,1,1,2-Tetrachloroethane	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,1,1-Trichloroethane	11/11/2008	1	0.16	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,1,2,2-Tetrachloroethane	11/11/2008	1	0.2	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,1,2-Trichloroethane	11/11/2008	1	0.32	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,1-Dichloroethane	11/11/2008	1	0.16	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,1-Dichloroethene	11/11/2008	1	0.14	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,1-Dichloropropene	11/11/2008	1	0.15	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,2,3-Trichlorobenzene	11/11/2008	1	0.18	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,2,3-Trichloropropane	11/11/2008	1	0.77	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,2,4-Trichlorobenzene	11/11/2008	1	0.32	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,2,4-Trimethylbenzene	11/11/2008	1	0.14	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,2-Dibromo-3-chloropropane	11/11/2008	5	1.5	5	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,2-Dibromoethane	11/11/2008	1	0.18	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,2-Dichlorobenzene	11/11/2008	1	0.13	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,2-Dichloroethane	11/11/2008	1	0.13	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,2-Dichloropropane	11/11/2008	1	0.13	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,3,5-Trimethylbenzene	11/11/2008	1	0.14	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-106-28102008TA	WATER	TB	D8J290148	1,3-Dichlorobenzene	11/11/2008	1	0.16	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,3-Dichloropropane	11/11/2008	1	0.15	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	1,4-Dichlorobenzene	11/11/2008	1	0.16	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	2,2-Dichloropropane	11/11/2008	5	0.2	5	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	2-Butanone	11/11/2008	6	1.8	6	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	2-Chlorotoluene	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	2-Hexanone	11/11/2008	5	1.4	5	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	4-Chlorotoluene	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	4-Methyl-2-Pentanone	11/11/2008	5	1	5	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Acetone	11/11/2008	10	1.9	10	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Benzene	11/11/2008	1	0.16	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Bromobenzene	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Bromochloromethane	11/11/2008	1	0.1	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Bromodichloromethane	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Bromoform	11/11/2008	1	0.19	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Bromomethane	11/11/2008	2	0.21	2	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Carbon disulfide	11/11/2008	2	0.45	2	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Carbon tetrachloride	11/11/2008	1	0.19	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Chlorobenzene	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Chloroethane	11/11/2008	2	0.41	2	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Chloroform	11/11/2008	1	0.16	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Chloromethane	11/11/2008	2	0.3	2	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	cis-1,2-Dichloroethene	11/11/2008	1	0.15	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	cis-1,3-Dichloropropene	11/11/2008	1	0.16	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Dibromochloromethane	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Dibromomethane	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Dichlorodifluoromethane	11/11/2008	2	0.31	2	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Ethylbenzene	11/11/2008	1	0.16	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Hexachlorobutadiene	11/11/2008	1	0.12	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Isopropylbenzene	11/11/2008	1	0.19	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	m,p-Xylene	11/11/2008	2	0.34	2	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Methyl tert-butyl ether (MTBE)	11/11/2008	5	0.25	5	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Methylene chloride	11/11/2008	0.36	0.32	5	J	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-106-28102008TA	WATER	TB	D8J290148	Naphthalene	11/11/2008	1	0.22	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	n-Butylbenzene	11/11/2008	1	0.14	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	n-Propylbenzene	11/11/2008	1	0.16	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	o-Xylene	11/11/2008	1	0.19	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	p-Isopropyltoluene	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	sec-Butylbenzene	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Styrene	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	tert-Butylbenzene	11/11/2008	1	0.16	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Tetrachloroethene	11/11/2008	1	0.2	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Toluene	11/11/2008	1	0.17	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Trans-1,2-Dichloroethene	11/11/2008	1	0.15	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	trans-1,3-Dichloropropene	11/11/2008	1	0.19	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Trichloroethene	11/11/2008	1	0.16	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Trichlorofluoromethane	11/11/2008	2	0.29	2	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Vinyl Chloride	11/11/2008	1	0.4	1	U	UG/L
	ST106-TB-106-28102008TA		TB	D8J290148	Xylenes, Total	11/11/2008	2	0.19	2	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,1,1,2-Tetrachloroethane	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,1,1-Trichloroethane	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,1,2,2-Tetrachloroethane	11/12/2008	1	0.2	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,1,2-Trichloroethane	11/12/2008	1	0.32	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,1-Dichloroethane	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,1-Dichloroethene	11/12/2008	1	0.14	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,1-Dichloropropene	11/12/2008	1	0.15	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,2,3-Trichlorobenzene	11/12/2008	1	0.18	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,2,3-Trichloropropane	11/12/2008	1	0.77	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,2,4-Trichlorobenzene	11/12/2008	1	0.32	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,2,4-Trimethylbenzene	11/12/2008	1	0.14	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,2-Dibromo-3-chloropropane	11/12/2008	5	1.5	5	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,2-Dibromoethane	11/12/2008	1	0.18	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,2-Dichlorobenzene	11/12/2008	1	0.13	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,2-Dichloroethane	11/12/2008	1	0.13	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,2-Dichloropropane	11/12/2008	1	0.13	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,3,5-Trimethylbenzene	11/12/2008	1	0.14	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-106-29102008	WATER	TB	D8J300183	1,3-Dichlorobenzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,3-Dichloropropane	11/12/2008	1	0.15	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	1,4-Dichlorobenzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	2,2-Dichloropropane	11/12/2008	5	0.2	5	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	2-Butanone	11/12/2008	6	1.8	6	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	2-Chlorotoluene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	2-Hexanone	11/12/2008	5	1.4	5	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	4-Chlorotoluene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	4-Methyl-2-Pentanone	11/12/2008	5	1	5	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Acetone	11/12/2008	4	1.9	10	J	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Benzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Bromobenzene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Bromochloromethane	11/12/2008	1	0.1	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Bromodichloromethane	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Bromoform	11/12/2008	1	0.19	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Bromomethane	11/12/2008	2	0.21	2	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Carbon disulfide	11/12/2008	2	0.45	2	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Carbon tetrachloride	11/12/2008	1	0.19	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Chlorobenzene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Chloroethane	11/12/2008	2	0.41	2	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Chloroform	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Chloromethane	11/12/2008	2	0.3	2	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	cis-1,2-Dichloroethene	11/12/2008	1	0.15	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	cis-1,3-Dichloropropene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Dibromochloromethane	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Dibromomethane	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Dichlorodifluoromethane	11/12/2008	2	0.31	2	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Ethylbenzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Hexachlorobutadiene	11/12/2008	1	0.12	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Isopropylbenzene	11/12/2008	1	0.19	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	m,p-Xylene	11/12/2008	2	0.34	2	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Methyl tert-butyl ether (MTBE)	11/12/2008	5	0.25	5	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Methylene chloride	11/12/2008	0.88	0.32	5	J	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-106-29102008	WATER	TB	D8J300183	Naphthalene	11/12/2008	1	0.22	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	n-Butylbenzene	11/12/2008	1	0.14	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	n-Propylbenzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	o-Xylene	11/12/2008	1	0.19	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	p-Isopropyltoluene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	sec-Butylbenzene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Styrene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	tert-Butylbenzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Tetrachloroethene	11/12/2008	1	0.2	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Toluene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Trans-1,2-Dichloroethene	11/12/2008	1	0.15	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	trans-1,3-Dichloropropene	11/12/2008	1	0.19	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Trichloroethene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Trichlorofluoromethane	11/12/2008	2	0.29	2	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Vinyl Chloride	11/12/2008	1	0.4	1	U	UG/L
	ST106-TB-106-29102008		TB	D8J300183	Xylenes, Total	11/12/2008	2	0.19	2	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,1,1,2-Tetrachloroethane	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,1,1-Trichloroethane	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,1,2,2-Tetrachloroethane	11/12/2008	1	0.2	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,1,2-Trichloroethane	11/12/2008	1	0.32	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,1-Dichloroethane	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,1-Dichloroethene	11/12/2008	1	0.14	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,1-Dichloropropene	11/12/2008	1	0.15	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,2,3-Trichlorobenzene	11/12/2008	1	0.18	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,2,3-Trichloropropane	11/12/2008	1	0.77	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,2,4-Trichlorobenzene	11/12/2008	1	0.32	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,2,4-Trimethylbenzene	11/12/2008	1	0.14	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,2-Dibromo-3-chloropropane	11/12/2008	5	1.5	5	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,2-Dibromoethane	11/12/2008	1	0.18	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,2-Dichlorobenzene	11/12/2008	1	0.13	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,2-Dichloroethane	11/12/2008	1	0.13	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,2-Dichloropropane	11/12/2008	1	0.13	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,3,5-Trimethylbenzene	11/12/2008	1	0.14	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-106-30102008	WATER	TB	D8J310209	1,3-Dichlorobenzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,3-Dichloropropane	11/12/2008	1	0.15	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	1,4-Dichlorobenzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	2,2-Dichloropropane	11/12/2008	5	0.2	5	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	2-Butanone	11/12/2008	6	1.8	6	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	2-Chlorotoluene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	2-Hexanone	11/12/2008	5	1.4	5	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	4-Chlorotoluene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	4-Methyl-2-Pentanone	11/12/2008	5	1	5	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Acetone	11/12/2008	2.3	1.9	10	J	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Benzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Bromobenzene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Bromochloromethane	11/12/2008	1	0.1	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Bromodichloromethane	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Bromoform	11/12/2008	1	0.19	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Bromomethane	11/12/2008	2	0.21	2	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Carbon disulfide	11/12/2008	2	0.45	2	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Carbon tetrachloride	11/12/2008	1	0.19	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Chlorobenzene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Chloroethane	11/12/2008	2	0.41	2	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Chloroform	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Chloromethane	11/12/2008	2	0.3	2	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	cis-1,2-Dichloroethene	11/12/2008	1	0.15	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	cis-1,3-Dichloropropene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Dibromochloromethane	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Dibromomethane	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Dichlorodifluoromethane	11/12/2008	2	0.31	2	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Ethylbenzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Hexachlorobutadiene	11/12/2008	1	0.12	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Isopropylbenzene	11/12/2008	1	0.19	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	m,p-Xylene	11/12/2008	2	0.34	2	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Methyl tert-butyl ether (MTBE)	11/12/2008	5	0.25	5	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Methylene chloride	11/12/2008	0.32	0.32	5	J	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-106-30102008	WATER	TB	D8J310209	Naphthalene	11/12/2008	1	0.22	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	n-Butylbenzene	11/12/2008	1	0.14	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	n-Propylbenzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	o-Xylene	11/12/2008	1	0.19	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	p-Isopropyltoluene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	sec-Butylbenzene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Styrene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	tert-Butylbenzene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Tetrachloroethene	11/12/2008	1	0.2	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Toluene	11/12/2008	1	0.17	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Trans-1,2-Dichloroethene	11/12/2008	1	0.15	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	trans-1,3-Dichloropropene	11/12/2008	1	0.19	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Trichloroethene	11/12/2008	1	0.16	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Trichlorofluoromethane	11/12/2008	2	0.29	2	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Vinyl Chloride	11/12/2008	1	0.4	1	U	UG/L
	ST106-TB-106-30102008		TB	D8J310209	Xylenes, Total	11/12/2008	2	0.19	2	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,1,1,2-Tetrachloroethane	11/5/2008	1	0.25	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,1,1-Trichloroethane	11/5/2008	1	0.16	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,1,2,2-Tetrachloroethane	11/5/2008	1	0.26	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,1,2-Trichloroethane	11/5/2008	1	0.28	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,1-Dichloroethane	11/5/2008	1	0.22	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,1-Dichloroethene	11/5/2008	1	0.24	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,1-Dichloropropene	11/5/2008	1	0.19	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,2,3-Trichlorobenzene	11/5/2008	1.2	0.61	1.2	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,2,3-Trichloropropane	11/5/2008	1.5	0.76	1.5	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,2,4-Trichlorobenzene	11/5/2008	1	0.5	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,2,4-Trimethylbenzene	11/5/2008	1	0.17	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,2-Dibromo-3-chloropropane	11/5/2008	5	1.4	5	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,2-Dibromoethane	11/5/2008	1	0.33	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,2-Dichlorobenzene	11/5/2008	1	0.26	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,2-Dichloroethane	11/5/2008	1	0.4	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,2-Dichloropropane	11/5/2008	1	0.27	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,3,5-Trimethylbenzene	11/5/2008	1	0.22	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-28102008P	WATER	TB	2510747	1,3-Dichlorobenzene	11/5/2008	1	0.14	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,3-Dichloropropane	11/5/2008	1	0.19	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	1,4-Dichlorobenzene	11/5/2008	1	0.24	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	2,2-Dichloropropane	11/5/2008	5	0.32	5	U	UG/L
	ST106-TB-28102008P		TB	2510747	2-Butanone	11/5/2008	6	1	6	U	UG/L
	ST106-TB-28102008P		TB	2510747	2-Chlorotoluene	11/5/2008	1	0.32	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	2-Hexanone	11/5/2008	5	0.8	5	U	UG/L
	ST106-TB-28102008P		TB	2510747	4-Chlorotoluene	11/5/2008	1	0.12	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	4-Methyl-2-Pentanone	11/5/2008	5	0.61	5	U	UG/L
	ST106-TB-28102008P		TB	2510747	Acetone	11/5/2008	10	3.6	10	U	UG/L
	ST106-TB-28102008P		TB	2510747	Benzene	11/5/2008	1	0.16	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Bromobenzene	11/5/2008	1	0.27	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Bromochloromethane	11/5/2008	1	0.38	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Bromodichloromethane	11/5/2008	1	0.15	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Bromoform	11/5/2008	1	0.35	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Bromomethane	11/5/2008	2	0.76	2	U	UG/L
	ST106-TB-28102008P		TB	2510747	Carbon disulfide	11/5/2008	2	0.29	2	U	UG/L
	ST106-TB-28102008P		TB	2510747	Carbon tetrachloride	11/5/2008	1	0.33	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Chlorobenzene	11/5/2008	1	0.18	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Chloroethane	11/5/2008	2	0.99	2	U	UG/L
	ST106-TB-28102008P		TB	2510747	Chloroform	11/5/2008	1	0.29	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Chloromethane	11/5/2008	2	0.68	2	U	UG/L
	ST106-TB-28102008P		TB	2510747	cis-1,2-Dichloroethene	11/5/2008	1	0.29	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	cis-1,3-Dichloropropene	11/5/2008	1	0.23	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Dibromochloromethane	11/5/2008	1	0.34	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Dibromomethane	11/5/2008	1.1	0.53	1.1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Dichlorodifluoromethane	11/5/2008	2	0.19	2	U	UG/L
	ST106-TB-28102008P		TB	2510747	Ethylbenzene	11/5/2008	1	0.43	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Hexachlorobutadiene	11/5/2008	1	0.4	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Isopropylbenzene	11/5/2008	1	0.41	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	m,p-Xylene	11/5/2008	2	0.27	2	U	UG/L
	ST106-TB-28102008P		TB	2510747	Methyl tert-butyl ether (MTBE)	11/5/2008	5	0.26	5	U	UG/L
	ST106-TB-28102008P		TB	2510747	Methylene chloride	11/5/2008	5	0.52	5	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-28102008P	WATER	TB	2510747	Naphthalene	11/5/2008	1	0.32	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	n-Butylbenzene	11/5/2008	1	0.22	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	n-Propylbenzene	11/5/2008	1	0.28	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	o-Xylene	11/5/2008	1	0.2	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	p-Isopropyltoluene	11/5/2008	1	0.24	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	sec-Butylbenzene	11/5/2008	1	0.2	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Styrene	11/5/2008	1	0.2	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	tert-Butylbenzene	11/5/2008	1	0.28	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Tetrachloroethene	11/5/2008	1	0.35	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Toluene	11/5/2008	1	0.22	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Trans-1,2-Dichloroethene	11/5/2008	1	0.23	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	trans-1,3-Dichloropropene	11/5/2008	1	0.15	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Trichloroethene	11/5/2008	1	0.42	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Trichlorofluoromethane	11/5/2008	2	0.25	2	U	UG/L
	ST106-TB-28102008P		TB	2510747	Vinyl Chloride	11/5/2008	1	0.28	1	U	UG/L
	ST106-TB-28102008P		TB	2510747	Xylenes, Total	11/5/2008	3	0.27	3	U	UG/L
SW8270C											
	5252BLK	WATER	LB	2510747	1,2-Dichlorobenzene	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510731	1,2-Dichlorobenzene	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510731	1,3-Dinitrobenzene	10/31/2008	10	2.5	10	U	UG/L
	5252BLK		LB	2510747	1,3-Dinitrobenzene	10/31/2008	10	2.5	10	U	UG/L
	5252BLK		LB	2510747	2,4,5-Trichlorophenol	10/31/2008	20	3.4	20	U	UG/L
	5252BLK		LB	2510731	2,4,5-Trichlorophenol	10/31/2008	20	3.4	20	U	UG/L
	5252BLK		LB	2510731	2,4,6-Trichlorophenol	10/31/2008	20	3.6	20	U	UG/L
	5252BLK		LB	2510747	2,4,6-Trichlorophenol	10/31/2008	20	3.6	20	U	UG/L
	5252BLK		LB	2510731	2,4-Dimethylphenol	10/31/2008	10	2.3	10	U	UG/L
	5252BLK		LB	2510747	2,4-Dimethylphenol	10/31/2008	10	2.3	10	U	UG/L
	5252BLK		LB	2510747	2,4-Dinitrophenol	10/31/2008	60	5.6	60	U	UG/L
	5252BLK		LB	2510731	2,4-Dinitrophenol	10/31/2008	60	5.6	60	U	UG/L
	5252BLK		LB	2510731	2,4-Dinitrotoluene	10/31/2008	20	2.8	20	U	UG/L
	5252BLK		LB	2510747	2,4-Dinitrotoluene	10/31/2008	20	2.8	20	U	UG/L
	5252BLK		LB	2510747	2,6-Dinitrotoluene	10/31/2008	20	2.8	20	U	UG/L
	5252BLK		LB	2510731	2,6-Dinitrotoluene	10/31/2008	20	2.8	20	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	5252BLK	WATER	LB	2510731	2-Chloronaphthalene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510747	2-Chloronaphthalene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510731	2-Chlorophenol	10/31/2008	10	2.9	10	U	UG/L
	5252BLK		LB	2510747	2-Chlorophenol	10/31/2008	10	2.9	10	U	UG/L
	5252BLK		LB	2510731	2-Methylnaphthalene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510747	2-Methylnaphthalene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510731	2-Methylphenol	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510747	2-Methylphenol	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510731	2-Nitroaniline	10/31/2008	50	3	50	U	UG/L
	5252BLK		LB	2510747	2-Nitroaniline	10/31/2008	50	3	50	U	UG/L
	5252BLK		LB	2510747	2-Nitrophenol	10/31/2008	20	3.4	20	U	UG/L
	5252BLK		LB	2510731	2-Nitrophenol	10/31/2008	20	3.4	20	U	UG/L
	5252BLK		LB	2510731	3,3'-Dichlorobenzidine	10/31/2008	20	2.7	20	U	UG/L
	5252BLK		LB	2510747	3,3'-Dichlorobenzidine	10/31/2008	20	2.7	20	U	UG/L
	5252BLK		LB	2510747	3-Nitroaniline	10/31/2008	50	2.8	50	U	UG/L
	5252BLK		LB	2510731	3-Nitroaniline	10/31/2008	50	2.8	50	U	UG/L
	5252BLK		LB	2510747	4,6-Dinitro-2-methylphenol	10/31/2008	60	3.3	60	U	UG/L
	5252BLK		LB	2510731	4,6-Dinitro-2-methylphenol	10/31/2008	60	3.3	60	U	UG/L
	5252BLK		LB	2510731	4-Bromophenyl phenyl ether	10/31/2008	10	2.3	10	U	UG/L
	5252BLK		LB	2510747	4-Bromophenyl phenyl ether	10/31/2008	10	2.3	10	U	UG/L
	5252BLK		LB	2510731	4-Chloro-3-methylphenol	10/31/2008	20	2.7	20	U	UG/L
	5252BLK		LB	2510747	4-Chloro-3-methylphenol	10/31/2008	20	2.7	20	U	UG/L
	5252BLK		LB	2510747	4-Chloroaniline	10/31/2008	20	3	20	U	UG/L
	5252BLK		LB	2510731	4-Chloroaniline	10/31/2008	20	3	20	U	UG/L
	5252BLK		LB	2510731	4-Chlorophenyl phenyl ether	10/31/2008	10	2.5	10	U	UG/L
	5252BLK		LB	2510747	4-Chlorophenyl phenyl ether	10/31/2008	10	2.5	10	U	UG/L
	5252BLK		LB	2510747	4-Methylphenol	10/31/2008	20	6.1	20	U	UG/L
	5252BLK		LB	2510731	4-Methylphenol	10/31/2008	20	6.1	20	U	UG/L
	5252BLK		LB	2510731	4-Nitroaniline	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510747	4-Nitroaniline	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510731	4-Nitrophenol	10/31/2008	50	2.9	50	U	UG/L
	5252BLK		LB	2510747	4-Nitrophenol	10/31/2008	50	2.9	50	U	UG/L
	5252BLK		LB	2510731	Acenaphthene	10/31/2008	10	2.8	10	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	5252BLK	WATER	LB	2510747	Acenaphthene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510747	Acenaphthylene	10/31/2008	10	3	10	U	UG/L
	5252BLK		LB	2510731	Acenaphthylene	10/31/2008	10	3	10	U	UG/L
	5252BLK		LB	2510731	Anthracene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510747	Anthracene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510731	Benzidine	10/31/2008	150	20	150	U	UG/L
	5252BLK		LB	2510747	Benzidine	10/31/2008	150	20	150	U	UG/L
	5252BLK		LB	2510747	Benzo (a) pyrene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510731	Benzo (a) pyrene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510731	Benzo (b) fluoranthene	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510747	Benzo (b) fluoranthene	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510731	Benzo (g,h,i) perylene	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510747	Benzo (g,h,i) perylene	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510731	Benzo(a)anthracene	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510747	Benzo(a)anthracene	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510731	Benzo(k)fluoranthene	10/31/2008	10	2.9	10	U	UG/L
	5252BLK		LB	2510747	Benzo(k)fluoranthene	10/31/2008	10	2.9	10	U	UG/L
	5252BLK		LB	2510747	Benzoic acid	10/31/2008	60	14	60	U	UG/L
	5252BLK		LB	2510731	Benzoic acid	10/31/2008	60	14	60	U	UG/L
	5252BLK		LB	2510731	Bis (2-chloroethoxy) methane	10/31/2008	10	3.5	10	U	UG/L
	5252BLK		LB	2510747	Bis (2-chloroethoxy) methane	10/31/2008	10	3.5	10	U	UG/L
	5252BLK		LB	2510731	Bis (2-chloroethyl) ether	10/31/2008	10	3	10	U	UG/L
	5252BLK		LB	2510747	Bis (2-chloroethyl) ether	10/31/2008	10	3	10	U	UG/L
	5252BLK		LB	2510731	Bis (2-ethylhexyl) phthalate	10/31/2008	10	4.4	10	U	UG/L
	5252BLK		LB	2510747	Bis (2-ethylhexyl) phthalate	10/31/2008	10	4.4	10	U	UG/L
	5252BLK		LB	2510747	Butyl benzylphthalate	10/31/2008	20	3	20	U	UG/L
	5252BLK		LB	2510731	Butyl benzylphthalate	10/31/2008	20	3	20	U	UG/L
	5252BLK		LB	2510731	Chrysene	10/31/2008	10	2.9	10	U	UG/L
	5252BLK		LB	2510747	Chrysene	10/31/2008	10	2.9	10	U	UG/L
	5252BLK		LB	2510747	Dibenzo (a,h) anthracene	10/31/2008	10	2.7	10	U	UG/L
	5252BLK		LB	2510731	Dibenzo (a,h) anthracene	10/31/2008	10	2.7	10	U	UG/L
	5252BLK		LB	2510731	Dibenzofuran	10/31/2008	10	2.7	10	U	UG/L
	5252BLK		LB	2510747	Dibenzofuran	10/31/2008	10	2.7	10	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	5252BLK	WATER	LB	2510731	Diethyl phthalate	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510747	Diethyl phthalate	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510731	Dimethyl phthalate	10/31/2008	10	3	10	U	UG/L
	5252BLK		LB	2510747	Dimethyl phthalate	10/31/2008	10	3	10	U	UG/L
	5252BLK		LB	2510747	Di-n-butylphthalate	10/31/2008	20	2.9	20	U	UG/L
	5252BLK		LB	2510731	Di-n-butylphthalate	10/31/2008	20	2.9	20	U	UG/L
	5252BLK		LB	2510731	Di-n-octylphthalate	10/31/2008	20	2.8	20	U	UG/L
	5252BLK		LB	2510747	Di-n-octylphthalate	10/31/2008	20	2.8	20	U	UG/L
	5252BLK		LB	2510747	Fluoranthene	10/31/2008	20	2.8	20	U	UG/L
	5252BLK		LB	2510731	Fluoranthene	10/31/2008	20	2.8	20	U	UG/L
	5252BLK		LB	2510747	Fluorene	10/31/2008	10	2.9	10	U	UG/L
	5252BLK		LB	2510731	Fluorene	10/31/2008	10	2.9	10	U	UG/L
	5252BLK		LB	2510731	Hexachlorobenzene	10/31/2008	10	0.41	10	U	UG/L
	5252BLK		LB	2510747	Hexachlorobenzene	10/31/2008	10	0.41	10	U	UG/L
	5252BLK		LB	2510731	Hexachlorobutadiene	10/31/2008	10	2.5	10	U	UG/L
	5252BLK		LB	2510747	Hexachlorobutadiene	10/31/2008	10	2.5	10	U	UG/L
	5252BLK		LB	2510731	Hexachlorocyclopentadiene	10/31/2008	10	2.2	10	U	UG/L
	5252BLK		LB	2510747	Hexachlorocyclopentadiene	10/31/2008	10	2.2	10	U	UG/L
	5252BLK		LB	2510731	Hexachloroethane	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510747	Hexachloroethane	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510747	Indeno(1,2,3-cd)pyrene	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510731	Indeno(1,2,3-cd)pyrene	10/31/2008	10	2.6	10	U	UG/L
	5252BLK		LB	2510731	Naphthalene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510747	Naphthalene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510731	Nitrobenzene	10/31/2008	20	2.8	20	U	UG/L
	5252BLK		LB	2510747	Nitrobenzene	10/31/2008	20	2.8	20	U	UG/L
	5252BLK		LB	2510731	n-Nitrosodi-n-propylamine	10/31/2008	20	3	20	U	UG/L
	5252BLK		LB	2510747	n-Nitrosodi-n-propylamine	10/31/2008	20	3	20	U	UG/L
	5252BLK		LB	2510731	n-Nitrosodiphenylamine	10/31/2008	10	3.4	10	U	UG/L
	5252BLK		LB	2510747	n-Nitrosodiphenylamine	10/31/2008	10	3.4	10	U	UG/L
	5252BLK		LB	2510747	Pentachlorophenol	10/31/2008	60	2.6	60	U	UG/L
	5252BLK		LB	2510731	Pentachlorophenol	10/31/2008	60	2.6	60	U	UG/L
	5252BLK		LB	2510747	Phenanthrene	10/31/2008	10	2.8	10	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	5252BLK	WATER	LB	2510731	Phenanthrene	10/31/2008	10	2.8	10	U	UG/L
	5252BLK		LB	2510747	Phenol	10/31/2008	10	1.7	10	U	UG/L
	5252BLK		LB	2510731	Phenol	10/31/2008	10	1.7	10	U	UG/L
	5252BLK		LB	2510731	Pyrene	10/31/2008	10	2.9	10	U	UG/L
	5252BLK		LB	2510747	Pyrene	10/31/2008	10	2.9	10	U	UG/L
	D8K030000136B		LB	D8J290148	1,2-Dichlorobenzene	11/11/2008	10	0.23	10	U	UG/L
	D8K030000136B		LB	D8J300183	1,2-Dichlorobenzene	11/11/2008	10	0.23	10	U	UG/L
	D8K030000136B		LB	D8J310209	1,2-Dichlorobenzene	11/11/2008	10	0.23	10	U	UG/L
	D8K030000136B		LB	D8J290148	1,2-Diphenylhydrazine	11/11/2008	10	0.23	10	U	UG/L
	D8K030000136B		LB	D8J310209	1,2-Diphenylhydrazine	11/11/2008	10	0.23	10	U	UG/L
	D8K030000136B		LB	D8J300183	1,2-Diphenylhydrazine	11/11/2008	10	0.23	10	U	UG/L
	D8K030000136B		LB	D8J300183	1,3-Dinitrobenzene	11/11/2008	10	2	10	U	UG/L
	D8K030000136B		LB	D8J290148	1,3-Dinitrobenzene	11/11/2008	10	2	10	U	UG/L
	D8K030000136B		LB	D8J310209	1,3-Dinitrobenzene	11/11/2008	10	2	10	U	UG/L
	D8K030000136B		LB	D8J310209	2,4,5-Trichlorophenol	11/11/2008	20	0.45	20	U	UG/L
	D8K030000136B		LB	D8J290148	2,4,5-Trichlorophenol	11/11/2008	20	0.45	20	U	UG/L
	D8K030000136B		LB	D8J300183	2,4,5-Trichlorophenol	11/11/2008	20	0.45	20	U	UG/L
	D8K030000136B		LB	D8J290148	2,4,6-Trichlorophenol	11/11/2008	20	0.29	20	U	UG/L
	D8K030000136B		LB	D8J310209	2,4,6-Trichlorophenol	11/11/2008	20	0.29	20	U	UG/L
	D8K030000136B		LB	D8J300183	2,4,6-Trichlorophenol	11/11/2008	20	0.29	20	U	UG/L
	D8K030000136B		LB	D8J290148	2,4-Dichlorophenol	11/11/2008	10	0.64	10	U	UG/L
	D8K030000136B		LB	D8J310209	2,4-Dichlorophenol	11/11/2008	10	0.64	10	U	UG/L
	D8K030000136B		LB	D8J300183	2,4-Dichlorophenol	11/11/2008	10	0.64	10	U	UG/L
	D8K030000136B		LB	D8J290148	2,4-Dimethylphenol	11/11/2008	10	0.58	10	U	UG/L
	D8K030000136B		LB	D8J310209	2,4-Dimethylphenol	11/11/2008	10	0.58	10	U	UG/L
	D8K030000136B		LB	D8J300183	2,4-Dimethylphenol	11/11/2008	10	0.58	10	U	UG/L
	D8K030000136B		LB	D8J310209	2,4-Dinitrophenol	11/11/2008	60	10	60	U	UG/L
	D8K030000136B		LB	D8J300183	2,4-Dinitrophenol	11/11/2008	60	10	60	U	UG/L
	D8K030000136B		LB	D8J290148	2,4-Dinitrophenol	11/11/2008	60	10	60	U	UG/L
	D8K030000136B		LB	D8J290148	2,4-Dinitrotoluene	11/11/2008	20	0.22	20	U	UG/L
	D8K030000136B		LB	D8J310209	2,4-Dinitrotoluene	11/11/2008	20	0.22	20	U	UG/L
	D8K030000136B		LB	D8J300183	2,4-Dinitrotoluene	11/11/2008	20	0.22	20	U	UG/L
	D8K030000136B		LB	D8J290148	2,6-Dinitrotoluene	11/11/2008	20	0.32	20	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	D8K030000136B	WATER	LB	D8J300183	2,6-Dinitrotoluene	11/11/2008	20	0.32	20	U	UG/L
	D8K030000136B		LB	D8J310209	2,6-Dinitrotoluene	11/11/2008	20	0.32	20	U	UG/L
	D8K030000136B		LB	D8J310209	2-Chloronaphthalene	11/11/2008	10	0.26	10	U	UG/L
	D8K030000136B		LB	D8J290148	2-Chloronaphthalene	11/11/2008	10	0.26	10	U	UG/L
	D8K030000136B		LB	D8J300183	2-Chloronaphthalene	11/11/2008	10	0.26	10	U	UG/L
	D8K030000136B		LB	D8J290148	2-Chlorophenol	11/11/2008	10	2	10	U	UG/L
	D8K030000136B		LB	D8J310209	2-Chlorophenol	11/11/2008	10	2	10	U	UG/L
	D8K030000136B		LB	D8J300183	2-Chlorophenol	11/11/2008	10	2	10	U	UG/L
	D8K030000136B		LB	D8J310209	2-Methylnaphthalene	11/11/2008	10	0.29	10	U	UG/L
	D8K030000136B		LB	D8J300183	2-Methylnaphthalene	11/11/2008	10	0.29	10	U	UG/L
	D8K030000136B		LB	D8J290148	2-Methylnaphthalene	11/11/2008	10	0.29	10	U	UG/L
	D8K030000136B		LB	D8J310209	2-Methylphenol	11/11/2008	10	0.98	10	U	UG/L
	D8K030000136B		LB	D8J290148	2-Methylphenol	11/11/2008	10	0.98	10	U	UG/L
	D8K030000136B		LB	D8J300183	2-Methylphenol	11/11/2008	10	0.98	10	U	UG/L
	D8K030000136B		LB	D8J290148	2-Nitroaniline	11/11/2008	50	0.32	50	U	UG/L
	D8K030000136B		LB	D8J300183	2-Nitroaniline	11/11/2008	50	0.32	50	U	UG/L
	D8K030000136B		LB	D8J310209	2-Nitroaniline	11/11/2008	50	0.32	50	U	UG/L
	D8K030000136B		LB	D8J300183	2-Nitrophenol	11/11/2008	20	0.39	20	U	UG/L
	D8K030000136B		LB	D8J310209	2-Nitrophenol	11/11/2008	20	0.39	20	U	UG/L
	D8K030000136B		LB	D8J290148	2-Nitrophenol	11/11/2008	20	0.39	20	U	UG/L
	D8K030000136B		LB	D8J310209	3 & 4-Methylphenol	11/11/2008	20	0.25	20	U	UG/L
	D8K030000136B		LB	D8J290148	3 & 4-Methylphenol	11/11/2008	20	0.25	20	U	UG/L
	D8K030000136B		LB	D8J300183	3 & 4-Methylphenol	11/11/2008	20	0.25	20	U	UG/L
	D8K030000136B		LB	D8J300183	3,3'-Dichlorobenzidine	11/11/2008	20	2	20	U	UG/L
	D8K030000136B		LB	D8J310209	3,3'-Dichlorobenzidine	11/11/2008	20	2	20	U	UG/L
	D8K030000136B		LB	D8J290148	3,3'-Dichlorobenzidine	11/11/2008	20	2	20	U	UG/L
	D8K030000136B		LB	D8J290148	3-Nitroaniline	11/11/2008	50	0.27	50	U	UG/L
	D8K030000136B		LB	D8J300183	3-Nitroaniline	11/11/2008	50	0.27	50	U	UG/L
	D8K030000136B		LB	D8J310209	3-Nitroaniline	11/11/2008	50	0.27	50	U	UG/L
	D8K030000136B		LB	D8J310209	4,6-Dinitro-2-methylphenol	11/11/2008	60	4	60	U	UG/L
	D8K030000136B		LB	D8J290148	4,6-Dinitro-2-methylphenol	11/11/2008	60	4	60	U	UG/L
	D8K030000136B		LB	D8J300183	4,6-Dinitro-2-methylphenol	11/11/2008	60	4	60	U	UG/L
	D8K030000136B		LB	D8J310209	4-Bromophenyl phenyl ether	11/11/2008	10	0.43	10	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	D8K030000136B	WATER	LB	D8J300183	4-Bromophenyl phenyl ether	11/11/2008	10	0.43	10	U	UG/L
	D8K030000136B		LB	D8J290148	4-Bromophenyl phenyl ether	11/11/2008	10	0.43	10	U	UG/L
	D8K030000136B		LB	D8J300183	4-Chloro-3-methylphenol	11/11/2008	20	0.9	20	U	UG/L
	D8K030000136B		LB	D8J310209	4-Chloro-3-methylphenol	11/11/2008	20	0.9	20	U	UG/L
	D8K030000136B		LB	D8J290148	4-Chloro-3-methylphenol	11/11/2008	20	0.9	20	U	UG/L
	D8K030000136B		LB	D8J310209	4-Chloroaniline	11/11/2008	20	0.29	20	U	UG/L
	D8K030000136B		LB	D8J300183	4-Chloroaniline	11/11/2008	20	0.29	20	U	UG/L
	D8K030000136B		LB	D8J290148	4-Chloroaniline	11/11/2008	20	0.29	20	U	UG/L
	D8K030000136B		LB	D8J290148	4-Chlorophenyl phenyl ether	11/11/2008	10	0.27	10	U	UG/L
	D8K030000136B		LB	D8J300183	4-Chlorophenyl phenyl ether	11/11/2008	10	0.27	10	U	UG/L
	D8K030000136B		LB	D8J310209	4-Chlorophenyl phenyl ether	11/11/2008	10	0.27	10	U	UG/L
	D8K030000136B		LB	D8J300183	4-Nitroaniline	11/11/2008	50	2	50	U	UG/L
	D8K030000136B		LB	D8J290148	4-Nitroaniline	11/11/2008	50	2	50	U	UG/L
	D8K030000136B		LB	D8J310209	4-Nitroaniline	11/11/2008	50	2	50	U	UG/L
	D8K030000136B		LB	D8J290148	4-Nitrophenol	11/11/2008	50	1.2	50	U	UG/L
	D8K030000136B		LB	D8J310209	4-Nitrophenol	11/11/2008	50	1.2	50	U	UG/L
	D8K030000136B		LB	D8J300183	4-Nitrophenol	11/11/2008	50	1.2	50	U	UG/L
	D8K030000136B		LB	D8J290148	Acenaphthene	11/11/2008	10	0.28	10	U	UG/L
	D8K030000136B		LB	D8J310209	Acenaphthene	11/11/2008	10	0.28	10	U	UG/L
	D8K030000136B		LB	D8J300183	Acenaphthene	11/11/2008	10	0.28	10	U	UG/L
	D8K030000136B		LB	D8J290148	Acenaphthylene	11/11/2008	10	0.49	10	U	UG/L
	D8K030000136B		LB	D8J300183	Acenaphthylene	11/11/2008	10	0.49	10	U	UG/L
	D8K030000136B		LB	D8J310209	Acenaphthylene	11/11/2008	10	0.49	10	U	UG/L
	D8K030000136B		LB	D8J300183	Anthracene	11/11/2008	10	0.42	10	U	UG/L
	D8K030000136B		LB	D8J310209	Anthracene	11/11/2008	10	0.42	10	U	UG/L
	D8K030000136B		LB	D8J290148	Anthracene	11/11/2008	10	0.42	10	U	UG/L
	D8K030000136B		LB	D8J300183	Benzidine	11/11/2008	150	50	150	U	UG/L
	D8K030000136B		LB	D8J290148	Benzidine	11/11/2008	150	50	150	U	UG/L
	D8K030000136B		LB	D8J310209	Benzidine	11/11/2008	150	50	150	U	UG/L
	D8K030000136B		LB	D8J290148	Benzo (a) pyrene	11/11/2008	2.7	0.31	10	J	UG/L
	D8K030000136B		LB	D8J310209	Benzo (a) pyrene	11/11/2008	2.7	0.31	10	J	UG/L
	D8K030000136B		LB	D8J300183	Benzo (a) pyrene	11/11/2008	2.7	0.31	10	J	UG/L
	D8K030000136B		LB	D8J300183	Benzo (b) fluoranthene	11/11/2008	8	0.53	10	J	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	D8K030000136B	WATER	LB	D8J310209	Benzo (b) fluoranthene	11/11/2008	8	0.53	10	J	UG/L
	D8K030000136B		LB	D8J290148	Benzo (b) fluoranthene	11/11/2008	8	0.53	10	J	UG/L
	D8K030000136B		LB	D8J300183	Benzo (g,h,i) perylene	11/11/2008	10	0.5	10	U	UG/L
	D8K030000136B		LB	D8J310209	Benzo (g,h,i) perylene	11/11/2008	10	0.5	10	U	UG/L
	D8K030000136B		LB	D8J290148	Benzo (g,h,i) perylene	11/11/2008	10	0.5	10	U	UG/L
	D8K030000136B		LB	D8J310209	Benzo(a)anthracene	11/11/2008	10	0.35	10	U	UG/L
	D8K030000136B		LB	D8J290148	Benzo(a)anthracene	11/11/2008	10	0.35	10	U	UG/L
	D8K030000136B		LB	D8J300183	Benzo(a)anthracene	11/11/2008	10	0.35	10	U	UG/L
	D8K030000136B		LB	D8J310209	Benzo(k)fluoranthene	11/11/2008	1	0.46	10	J	UG/L
	D8K030000136B		LB	D8J290148	Benzo(k)fluoranthene	11/11/2008	1	0.46	10	J	UG/L
	D8K030000136B		LB	D8J300183	Benzo(k)fluoranthene	11/11/2008	1	0.46	10	J	UG/L
	D8K030000136B		LB	D8J290148	Benzoic acid	11/11/2008	60	10	60	U	UG/L
	D8K030000136B		LB	D8J300183	Benzoic acid	11/11/2008	60	10	60	U	UG/L
	D8K030000136B		LB	D8J310209	Benzoic acid	11/11/2008	60	10	60	U	UG/L
	D8K030000136B		LB	D8J300183	Bis (2-chloroethoxy) methane	11/11/2008	10	0.97	10	U	UG/L
	D8K030000136B		LB	D8J290148	Bis (2-chloroethoxy) methane	11/11/2008	10	0.97	10	U	UG/L
	D8K030000136B		LB	D8J310209	Bis (2-chloroethoxy) methane	11/11/2008	10	0.97	10	U	UG/L
	D8K030000136B		LB	D8J300183	Bis (2-chloroethyl) ether	11/11/2008	10	0.41	10	U	UG/L
	D8K030000136B		LB	D8J310209	Bis (2-chloroethyl) ether	11/11/2008	10	0.41	10	U	UG/L
	D8K030000136B		LB	D8J290148	Bis (2-chloroethyl) ether	11/11/2008	10	0.41	10	U	UG/L
	D8K030000136B		LB	D8J300183	Bis (2-ethylhexyl) phthalate	11/11/2008	10	0.56	10	U	UG/L
	D8K030000136B		LB	D8J310209	Bis (2-ethylhexyl) phthalate	11/11/2008	10	0.56	10	U	UG/L
	D8K030000136B		LB	D8J290148	Bis (2-ethylhexyl) phthalate	11/11/2008	10	0.56	10	U	UG/L
	D8K030000136B		LB	D8J300183	Butyl benzylphthalate	11/11/2008	20	1	20	U	UG/L
	D8K030000136B		LB	D8J290148	Butyl benzylphthalate	11/11/2008	20	1	20	U	UG/L
	D8K030000136B		LB	D8J310209	Butyl benzylphthalate	11/11/2008	20	1	20	U	UG/L
	D8K030000136B		LB	D8J290148	Chrysene	11/11/2008	10	0.54	10	U	UG/L
	D8K030000136B		LB	D8J310209	Chrysene	11/11/2008	10	0.54	10	U	UG/L
	D8K030000136B		LB	D8J300183	Chrysene	11/11/2008	10	0.54	10	U	UG/L
	D8K030000136B		LB	D8J300183	Dibenzo (a,h) anthracene	11/11/2008	10	0.51	10	U	UG/L
	D8K030000136B		LB	D8J310209	Dibenzo (a,h) anthracene	11/11/2008	10	0.51	10	U	UG/L
	D8K030000136B		LB	D8J290148	Dibenzo (a,h) anthracene	11/11/2008	10	0.51	10	U	UG/L
	D8K030000136B		LB	D8J310209	Dibenzofuran	11/11/2008	10	0.29	10	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	D8K030000136B	WATER	LB	D8J290148	Dibenzofuran	11/11/2008	10	0.29	10	U	UG/L
	D8K030000136B		LB	D8J300183	Dibenzofuran	11/11/2008	10	0.29	10	U	UG/L
	D8K030000136B		LB	D8J300183	Diethyl phthalate	11/11/2008	20	0.38	20	U	UG/L
	D8K030000136B		LB	D8J310209	Diethyl phthalate	11/11/2008	20	0.38	20	U	UG/L
	D8K030000136B		LB	D8J290148	Diethyl phthalate	11/11/2008	20	0.38	20	U	UG/L
	D8K030000136B		LB	D8J310209	Dimethyl phthalate	11/11/2008	20	0.21	20	U	UG/L
	D8K030000136B		LB	D8J290148	Dimethyl phthalate	11/11/2008	20	0.21	20	U	UG/L
	D8K030000136B		LB	D8J300183	Dimethyl phthalate	11/11/2008	20	0.21	20	U	UG/L
	D8K030000136B		LB	D8J290148	Di-n-butylphthalate	11/11/2008	20	1.2	20	U	UG/L
	D8K030000136B		LB	D8J310209	Di-n-butylphthalate	11/11/2008	20	1.2	20	U	UG/L
	D8K030000136B		LB	D8J300183	Di-n-butylphthalate	11/11/2008	20	1.2	20	U	UG/L
	D8K030000136B		LB	D8J300183	Di-n-octylphthalate	11/11/2008	20	0.35	20	U	UG/L
	D8K030000136B		LB	D8J290148	Di-n-octylphthalate	11/11/2008	20	0.35	20	U	UG/L
	D8K030000136B		LB	D8J310209	Di-n-octylphthalate	11/11/2008	20	0.35	20	U	UG/L
	D8K030000136B		LB	D8J310209	Fluoranthene	11/11/2008	20	0.2	20	U	UG/L
	D8K030000136B		LB	D8J290148	Fluoranthene	11/11/2008	20	0.2	20	U	UG/L
	D8K030000136B		LB	D8J300183	Fluoranthene	11/11/2008	20	0.2	20	U	UG/L
	D8K030000136B		LB	D8J310209	Fluorene	11/11/2008	10	0.31	10	U	UG/L
	D8K030000136B		LB	D8J290148	Fluorene	11/11/2008	10	0.31	10	U	UG/L
	D8K030000136B		LB	D8J300183	Fluorene	11/11/2008	10	0.31	10	U	UG/L
	D8K030000136B		LB	D8J310209	Hexachlorobenzene	11/11/2008	10	0.66	10	U	UG/L
	D8K030000136B		LB	D8J290148	Hexachlorobenzene	11/11/2008	10	0.66	10	U	UG/L
	D8K030000136B		LB	D8J300183	Hexachlorobenzene	11/11/2008	10	0.66	10	U	UG/L
	D8K030000136B		LB	D8J310209	Hexachlorobutadiene	11/11/2008	10	0.51	10	U	UG/L
	D8K030000136B		LB	D8J300183	Hexachlorobutadiene	11/11/2008	10	0.51	10	U	UG/L
	D8K030000136B		LB	D8J290148	Hexachlorobutadiene	11/11/2008	10	0.51	10	U	UG/L
	D8K030000136B		LB	D8J310209	Hexachlorocyclopentadiene	11/11/2008	10	1.5	10	U	UG/L
	D8K030000136B		LB	D8J290148	Hexachlorocyclopentadiene	11/11/2008	10	1.5	10	U	UG/L
	D8K030000136B		LB	D8J300183	Hexachlorocyclopentadiene	11/11/2008	10	1.5	10	U	UG/L
	D8K030000136B		LB	D8J290148	Hexachloroethane	11/11/2008	10	0.46	10	U	UG/L
	D8K030000136B		LB	D8J310209	Hexachloroethane	11/11/2008	10	0.46	10	U	UG/L
	D8K030000136B		LB	D8J300183	Hexachloroethane	11/11/2008	10	0.46	10	U	UG/L
	D8K030000136B		LB	D8J300183	Indeno(1,2,3-cd)pyrene	11/11/2008	10	0.65	10	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	D8K030000136B	WATER	LB	D8J310209	Indeno(1,2,3-cd)pyrene	11/11/2008	10	0.65	10	U	UG/L
	D8K030000136B		LB	D8J290148	Indeno(1,2,3-cd)pyrene	11/11/2008	10	0.65	10	U	UG/L
	D8K030000136B		LB	D8J300183	Naphthalene	11/11/2008	10	0.29	10	U	UG/L
	D8K030000136B		LB	D8J310209	Naphthalene	11/11/2008	10	0.29	10	U	UG/L
	D8K030000136B		LB	D8J290148	Naphthalene	11/11/2008	10	0.29	10	U	UG/L
	D8K030000136B		LB	D8J290148	Nitrobenzene	11/11/2008	20	0.81	20	U	UG/L
	D8K030000136B		LB	D8J300183	Nitrobenzene	11/11/2008	20	0.81	20	U	UG/L
	D8K030000136B		LB	D8J310209	Nitrobenzene	11/11/2008	20	0.81	20	U	UG/L
	D8K030000136B		LB	D8J290148	n-Nitrosodi-n-propylamine	11/11/2008	20	0.35	20	U	UG/L
	D8K030000136B		LB	D8J310209	n-Nitrosodi-n-propylamine	11/11/2008	20	0.35	20	U	UG/L
	D8K030000136B		LB	D8J300183	n-Nitrosodi-n-propylamine	11/11/2008	20	0.35	20	U	UG/L
	D8K030000136B		LB	D8J310209	n-Nitrosodiphenylamine	11/11/2008	10	0.44	10	U	UG/L
	D8K030000136B		LB	D8J290148	n-Nitrosodiphenylamine	11/11/2008	10	0.44	10	U	UG/L
	D8K030000136B		LB	D8J300183	n-Nitrosodiphenylamine	11/11/2008	10	0.44	10	U	UG/L
	D8K030000136B		LB	D8J290148	Pentachlorophenol	11/11/2008	60	20	60	U	UG/L
	D8K030000136B		LB	D8J310209	Pentachlorophenol	11/11/2008	60	20	60	U	UG/L
	D8K030000136B		LB	D8J300183	Pentachlorophenol	11/11/2008	60	20	60	U	UG/L
	D8K030000136B		LB	D8J290148	Phenanthrene	11/11/2008	10	0.26	10	U	UG/L
	D8K030000136B		LB	D8J300183	Phenanthrene	11/11/2008	10	0.26	10	U	UG/L
	D8K030000136B		LB	D8J310209	Phenanthrene	11/11/2008	10	0.26	10	U	UG/L
	D8K030000136B		LB	D8J290148	Phenol	11/11/2008	10	2	10	U	UG/L
	D8K030000136B		LB	D8J300183	Phenol	11/11/2008	10	2	10	U	UG/L
	D8K030000136B		LB	D8J310209	Phenol	11/11/2008	10	2	10	U	UG/L
	D8K030000136B		LB	D8J300183	Pyrene	11/11/2008	10	0.37	10	U	UG/L
	D8K030000136B		LB	D8J310209	Pyrene	11/11/2008	10	0.37	10	U	UG/L
	D8K030000136B		LB	D8J290148	Pyrene	11/11/2008	10	0.37	10	U	UG/L
SW8310											
	240MB	WATER	LB	2510731	1-Methylnaphthalene	11/3/2008	1	0.033	1	U	UG/L
	240MB		LB	2510731	2-Methylnaphthalene	11/3/2008	1	0.068	1	U	UG/L
	240MB		LB	2510731	Acenaphthene	11/3/2008	1	0.033	1	U	UG/L
	240MB		LB	2510731	Acenaphthylene	11/3/2008	1	0.028	1	U	UG/L
	240MB		LB	2510731	Anthracene	11/3/2008	0.3	0.012	0.3	U	UG/L
	240MB		LB	2510731	Benzo (a) pyrene	11/3/2008	0.2	0.033	0.2	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	240MB	WATER	LB	2510731	Benzo (b) fluoranthene	11/3/2008	0.2	0.032	0.2	U	UG/L
	240MB		LB	2510731	Benzo (g,h,i) perylene	11/3/2008	0.2	0.029	0.2	U	UG/L
	240MB		LB	2510731	Benzo(a)anthracene	11/3/2008	0.2	0.03	0.2	U	UG/L
	240MB		LB	2510731	Benzo(k)fluoranthene	11/3/2008	0.15	0.074	0.15	U	UG/L
	240MB		LB	2510731	Chrysene	11/3/2008	0.2	0.087	0.2	U	UG/L
	240MB		LB	2510731	Dibenzo (a,h) anthracene	11/3/2008	0.3	0.036	0.3	U	UG/L
	240MB		LB	2510731	Fluoranthene	11/3/2008	0.4	0.035	0.4	U	UG/L
	240MB		LB	2510731	Fluorene	11/3/2008	0.3	0.019	0.3	U	UG/L
	240MB		LB	2510731	Indeno(1,2,3-cd)pyrene	11/3/2008	0.2	0.02	0.2	U	UG/L
	240MB		LB	2510731	Naphthalene	11/3/2008	1	0.042	1	U	UG/L
	240MB		LB	2510731	Phenanthrene	11/3/2008	0.3	0.039	0.3	U	UG/L
	240MB		LB	2510731	Pyrene	11/3/2008	0.2	0.038	0.2	U	UG/L
	258MB		LB	2510747	1-Methylnaphthalene	11/4/2008	1	0.033	1	U	UG/L
	258MB		LB	2510747	2-Methylnaphthalene	11/4/2008	1	0.068	1	U	UG/L
	258MB		LB	2510747	Acenaphthene	11/4/2008	1	0.033	1	U	UG/L
	258MB		LB	2510747	Acenaphthylene	11/4/2008	1	0.028	1	U	UG/L
	258MB		LB	2510747	Anthracene	11/4/2008	0.3	0.012	0.3	U	UG/L
	258MB		LB	2510747	Benzo (a) pyrene	11/4/2008	0.2	0.033	0.2	U	UG/L
	258MB		LB	2510747	Benzo (b) fluoranthene	11/4/2008	0.2	0.032	0.2	U	UG/L
	258MB		LB	2510747	Benzo (g,h,i) perylene	11/4/2008	0.2	0.029	0.2	U	UG/L
	258MB		LB	2510747	Benzo(a)anthracene	11/4/2008	0.2	0.03	0.2	U	UG/L
	258MB		LB	2510747	Benzo(k)fluoranthene	11/4/2008	0.15	0.074	0.15	U	UG/L
	258MB		LB	2510747	Chrysene	11/4/2008	0.2	0.087	0.2	U	UG/L
	258MB		LB	2510747	Dibenzo (a,h) anthracene	11/4/2008	0.3	0.036	0.3	U	UG/L
	258MB		LB	2510747	Fluoranthene	11/4/2008	0.4	0.035	0.4	U	UG/L
	258MB		LB	2510747	Fluorene	11/4/2008	0.3	0.019	0.3	U	UG/L
	258MB		LB	2510747	Indeno(1,2,3-cd)pyrene	11/4/2008	0.2	0.02	0.2	U	UG/L
	258MB		LB	2510747	Naphthalene	11/4/2008	1	0.042	1	U	UG/L
	258MB		LB	2510747	Phenanthrene	11/4/2008	0.3	0.039	0.3	U	UG/L
	258MB		LB	2510747	Pyrene	11/4/2008	0.2	0.038	0.2	U	UG/L
	D8K040000128B		LB	D8J310209	1-Methylnaphthalene	11/7/2008	1	0.052	1	U	UG/L
	D8K040000128B		LB	D8J290148	1-Methylnaphthalene	11/7/2008	1	0.052	1	U	UG/L
	D8K040000128B		LB	D8J300183	1-Methylnaphthalene	11/7/2008	1	0.052	1	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	D8K040000128B	WATER	LB	D8J290148	2-Methylnaphthalene	11/7/2008	1	0.073	1	U	UG/L
	D8K040000128B		LB	D8J310209	2-Methylnaphthalene	11/7/2008	1	0.073	1	U	UG/L
	D8K040000128B		LB	D8J300183	2-Methylnaphthalene	11/7/2008	1	0.073	1	U	UG/L
	D8K040000128B		LB	D8J290148	Acenaphthene	11/7/2008	1	0.043	1	U	UG/L
	D8K040000128B		LB	D8J310209	Acenaphthene	11/7/2008	1	0.043	1	U	UG/L
	D8K040000128B		LB	D8J300183	Acenaphthene	11/7/2008	1	0.043	1	U	UG/L
	D8K040000128B		LB	D8J300183	Acenaphthylene	11/7/2008	1	0.043	1	U	UG/L
	D8K040000128B		LB	D8J310209	Acenaphthylene	11/7/2008	1	0.043	1	U	UG/L
	D8K040000128B		LB	D8J290148	Acenaphthylene	11/7/2008	1	0.043	1	U	UG/L
	D8K040000128B		LB	D8J310209	Anthracene	11/7/2008	0.3	0.061	0.3	U	UG/L
	D8K040000128B		LB	D8J290148	Anthracene	11/7/2008	0.3	0.061	0.3	U	UG/L
	D8K040000128B		LB	D8J300183	Anthracene	11/7/2008	0.3	0.061	0.3	U	UG/L
	D8K040000128B		LB	D8J300183	Benzo (a) pyrene	11/7/2008	0.2	0.053	0.2	U	UG/L
	D8K040000128B		LB	D8J290148	Benzo (a) pyrene	11/7/2008	0.2	0.053	0.2	U	UG/L
	D8K040000128B		LB	D8J310209	Benzo (a) pyrene	11/7/2008	0.2	0.053	0.2	U	UG/L
	D8K040000128B		LB	D8J300183	Benzo (b) fluoranthene	11/7/2008	0.2	0.053	0.2	U	UG/L
	D8K040000128B		LB	D8J290148	Benzo (b) fluoranthene	11/7/2008	0.2	0.053	0.2	U	UG/L
	D8K040000128B		LB	D8J310209	Benzo (b) fluoranthene	11/7/2008	0.2	0.053	0.2	U	UG/L
	D8K040000128B		LB	D8J300183	Benzo (g,h,i) perylene	11/7/2008	0.2	0.02	0.2	U	UG/L
	D8K040000128B		LB	D8J310209	Benzo (g,h,i) perylene	11/7/2008	0.2	0.02	0.2	U	UG/L
	D8K040000128B		LB	D8J290148	Benzo (g,h,i) perylene	11/7/2008	0.2	0.02	0.2	U	UG/L
	D8K040000128B		LB	D8J290148	Benzo(a)anthracene	11/7/2008	0.2	0.032	0.2	U	UG/L
	D8K040000128B		LB	D8J300183	Benzo(a)anthracene	11/7/2008	0.2	0.032	0.2	U	UG/L
	D8K040000128B		LB	D8J310209	Benzo(a)anthracene	11/7/2008	0.2	0.032	0.2	U	UG/L
	D8K040000128B		LB	D8J290148	Benzo(k)fluoranthene	11/7/2008	0.1	0.023	0.1	U	UG/L
	D8K040000128B		LB	D8J310209	Benzo(k)fluoranthene	11/7/2008	0.1	0.023	0.1	U	UG/L
	D8K040000128B		LB	D8J300183	Benzo(k)fluoranthene	11/7/2008	0.1	0.023	0.1	U	UG/L
	D8K040000128B		LB	D8J300183	Chrysene	11/7/2008	0.2	0.028	0.2	U	UG/L
	D8K040000128B		LB	D8J290148	Chrysene	11/7/2008	0.2	0.028	0.2	U	UG/L
	D8K040000128B		LB	D8J310209	Chrysene	11/7/2008	0.2	0.028	0.2	U	UG/L
	D8K040000128B		LB	D8J290148	Dibenzo (a,h) anthracene	11/7/2008	0.3	0.055	0.3	U	UG/L
	D8K040000128B		LB	D8J300183	Dibenzo (a,h) anthracene	11/7/2008	0.3	0.055	0.3	U	UG/L
	D8K040000128B		LB	D8J310209	Dibenzo (a,h) anthracene	11/7/2008	0.3	0.055	0.3	U	UG/L

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	D8K040000128B	WATER	LB	D8J290148	Fluoranthene	11/7/2008	0.4	0.081	0.4	U	UG/L
	D8K040000128B		LB	D8J310209	Fluoranthene	11/7/2008	0.4	0.081	0.4	U	UG/L
	D8K040000128B		LB	D8J300183	Fluoranthene	11/7/2008	0.4	0.081	0.4	U	UG/L
	D8K040000128B		LB	D8J310209	Fluorene	11/7/2008	0.3	0.099	0.3	U	UG/L
	D8K040000128B		LB	D8J290148	Fluorene	11/7/2008	0.3	0.099	0.3	U	UG/L
	D8K040000128B		LB	D8J300183	Fluorene	11/7/2008	0.3	0.099	0.3	U	UG/L
	D8K040000128B		LB	D8J310209	Indeno(1,2,3-cd)pyrene	11/7/2008	0.2	0.047	0.2	U	UG/L
	D8K040000128B		LB	D8J290148	Indeno(1,2,3-cd)pyrene	11/7/2008	0.2	0.047	0.2	U	UG/L
	D8K040000128B		LB	D8J300183	Indeno(1,2,3-cd)pyrene	11/7/2008	0.2	0.047	0.2	U	UG/L
	D8K040000128B		LB	D8J310209	Naphthalene	11/7/2008	1	0.056	1	U	UG/L
	D8K040000128B		LB	D8J290148	Naphthalene	11/7/2008	1	0.056	1	U	UG/L
	D8K040000128B		LB	D8J300183	Naphthalene	11/7/2008	1	0.056	1	U	UG/L
	D8K040000128B		LB	D8J310209	Phenanthrene	11/7/2008	0.3	0.095	0.3	U	UG/L
	D8K040000128B		LB	D8J300183	Phenanthrene	11/7/2008	0.3	0.095	0.3	U	UG/L
	D8K040000128B		LB	D8J290148	Phenanthrene	11/7/2008	0.3	0.095	0.3	U	UG/L
	D8K040000128B		LB	D8J300183	Pyrene	11/7/2008	0.2	0.043	0.2	U	UG/L
	D8K040000128B		LB	D8J290148	Pyrene	11/7/2008	0.2	0.043	0.2	U	UG/L
	D8K040000128B		LB	D8J310209	Pyrene	11/7/2008	0.2	0.043	0.2	U	UG/L

*** Blank Type**

LB = Method Blank
EB = Equipment Blank
TB = Trip Blank

Qualifier Description
U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the reporting limit (RL).
J = The analyte was positively identified but the associated numerical value is below the reporting limit (RL).

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
E300							
	654880	WATER	2510731	Nitrate	92.9	75	125
	654881		2510731	Nitrate	94.6	75	125
	655203		2510747	Nitrate	92.9	75	125
	655204		2510747	Nitrate	95.5	75	125
	D8J300000336C		D8J290148	Nitrate	100	75	125
	D8J300000336L		D8J290148	Nitrate	99	75	125
	D8J310000523C		D8J300183	Nitrate	95	75	125
	D8J310000523L		D8J300183	Nitrate	96	75	125
	D8K010000150C		D8J310209	Nitrate	101	75	125
	D8K010000150L		D8J310209	Nitrate	101	75	125
E504							
	D8J310000477C	WATER	D8J300183	1,2-Dibromoethane	93	70	130
	D8J310000477L		D8J300183	1,2-Dibromoethane	93	70	130
	D8J310000481C		D8J290148	1,2-Dibromoethane	92	70	130
	D8J310000481L		D8J290148	1,2-Dibromoethane	92	70	130
	D8K100000384C		D8J310209	1,2-Dibromoethane	86	70	130
	D8K100000384L		D8J310209	1,2-Dibromoethane	86	70	130
SW6010							
	271837	WATER	2510731	Iron	94.4	75	125
	271837		2510731	Manganese	99.2	75	125
	271838		2510731	Iron	98	75	125
	271838		2510731	Manganese	102.4	75	125
	272053		2510747	Iron	101.6	75	125
	272053		2510747	Manganese	105.4	75	125
	272054		2510747	Iron	103	75	125
	272054		2510747	Manganese	105.4	75	125
SW6010B							
	D8K040000230C	WATER	D8J310209	Iron, dissolved	104	89	116
	D8K040000230C		D8J300183	Iron, dissolved	104	89	116
	D8K040000230C		D8J290148	Iron, dissolved	104	89	116
	D8K040000230C		D8J300183	Manganese, dissolved	99	90	110
	D8K040000230C		D8J290148	Manganese, dissolved	99	90	110
	D8K040000230C		D8J310209	Manganese, dissolved	99	90	110
SW8011							
	272043	WATER	2510731	1,2-Dibromo-3-chloropropane	83.3	60	140
	272043		2510747	1,2-Dibromo-3-chloropropane	83.3	60	140
	272043		2510747	1,2-Dibromoethane	91.7	60	140
	272043		2510731	1,2-Dibromoethane	91.7	60	140
	272044		2510731	1,2-Dibromo-3-chloropropane	100	60	140
	272044		2510747	1,2-Dibromo-3-chloropropane	100	60	140
	272044		2510731	1,2-Dibromoethane	117	60	140
	272044		2510747	1,2-Dibromoethane	117	60	140

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8015-E							
	271988	WATER	2510731	TPH C10-C28	86	50	104
	271988		2510747	TPH C10-C28	86	50	104
	271989		2510731	TPH C10-C28	86	50	104
	D8K040000151C		D8J290148	Diesel Range Organics (C10-	85	54	115
	D8K040000151L		D8J290148	Diesel Range Organics (C10-	83	54	115
	D8K050000326C		D8J310209	Diesel Range Organics (C10-	90	54	115
	D8K050000326C		D8J300183	Diesel Range Organics (C10-	90	54	115
	D8K050000326L		D8J310209	Diesel Range Organics (C10-	84	54	115
	D8K050000326L		D8J300183	Diesel Range Organics (C10-	84	54	115
SW8015-P							
	1031LCS	WATER	2510747	TPH C6-C10	104	79	149
	1031LCS		2510731	TPH C6-C10	104	79	149
	1103LCS		2510747	TPH C6-C10	104	79	149
	1103LCS		2510731	TPH C6-C10	104	79	149
	1103LCSD		2510747	TPH C6-C10	124	79	149
	1103LCSD		2510731	TPH C6-C10	124	79	149
	D8J300000270C		D8J290148	TPH-Gasoline	118	79	149
	D8J300000270L		D8J290148	TPH-Gasoline	118	79	149
	D8K010000107C		D8J300183	TPH-Gasoline	117	79	149
	D8K010000107C		D8J310209	TPH-Gasoline	117	79	149
	D8K010000107L		D8J310209	TPH-Gasoline	116	79	149
	D8K010000107L		D8J300183	TPH-Gasoline	116	79	149
SW8260B							
	1104LCS51	WATER	2510731	1,1,1,2-Tetrachloroethane	99.5	77	117
	1104LCS51		2510731	1,1,1-Trichloroethane	95.5	78	118
	1104LCS51		2510731	1,1,2,2-Tetrachloroethane	102	73	119
	1104LCS51		2510731	1,1,2-Trichloroethane	107	76	116
	1104LCS51		2510731	1,1-Dichloroethane	90.5	77	117
	1104LCS51		2510731	1,1-Dichloroethene	85	66	133
	1104LCS51		2510731	1,1-Dichloropropene	99.5	75	115
	1104LCS51		2510731	1,2,3-Trichlorobenzene	111	66	123
	1104LCS51		2510731	1,2,3-Trichloropropane	102	84	118
	1104LCS51		2510731	1,2,4-Trichlorobenzene	114	73	121
	1104LCS51		2510731	1,2,4-Trimethylbenzene	102	77	120
	1104LCS51		2510731	1,2-Dibromo-3-chloropropane	94.5	65	117
	1104LCS51		2510731	1,2-Dibromoethane	108	77	117
	1104LCS51		2510731	1,2-Dichlorobenzene	108	76	116
	1104LCS51		2510731	1,2-Dichloroethane	90	74	120
	1104LCS51		2510731	1,2-Dichloropropane	95	76	116
	1104LCS51		2510731	1,3,5-Trimethylbenzene	105	77	117
	1104LCS51		2510731	1,3-Dichlorobenzene	108	75	115
	1104LCS51		2510731	1,3-Dichloropropane	99	75	115

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	1104LCS51	WATER	2510731	1,4-Dichlorobenzene	108	77	117
	1104LCS51		2510731	2,2-Dichloropropane	102	72	128
	1104LCS51		2510731	2-Butanone	89	57	120
	1104LCS51		2510731	2-Chlorotoluene	103	76	116
	1104LCS51		2510731	2-Hexanone	89.3	57	121
	1104LCS51		2510731	4-Chlorotoluene	102	78	118
	1104LCS51		2510731	4-Methyl-2-Pentanone	88.3	65	118
	1104LCS51		2510731	Acetone	92.2	48	130
	1104LCS51		2510731	Benzene	101	77	118
	1104LCS51		2510731	Bromobenzene	98	75	115
	1104LCS51		2510731	Bromochloromethane	96	78	118
	1104LCS51		2510731	Bromodichloromethane	94	78	118
	1104LCS51		2510731	Bromoform	101	74	121
	1104LCS51		2510731	Bromomethane	124	42	154
	1104LCS51		2510731	Carbon Disulfide	83	56	104
	1104LCS51		2510731	Carbon tetrachloride	90	80	120
	1104LCS51		2510731	Chlorobenzene	106	78	118
	1104LCS51		2510731	Chloroethane	93	51	133
	1104LCS51		2510731	Chloroform	95.5	78	118
	1104LCS51		2510731	Chloromethane	102	46	142
	1104LCS51		2510731	Cis-1,2-DCE	106	75	115
	1104LCS51		2510731	cis-1,3-Dichloropropene	100	76	113
	1104LCS51		2510731	Dibromochloromethane	100	76	116
	1104LCS51		2510731	Dibromomethane	100	77	117
	1104LCS51		2510731	Dichlorodifluoromethane	90	56	140
	1104LCS51		2510731	Ethylbenzene	104	78	118
	1104LCS51		2510731	Hexachlorobutadiene	111	73	123
	1104LCS51		2510731	Isopropylbenzene	106	71	113
	1104LCS51		2510731	m,p-Xylene	105	78	118
	1104LCS51		2510731	Methyl tert-Butyl Ether	98	58	116
	1104LCS51		2510731	Methylene chloride	83.5	71	119
	1104LCS51		2510731	Naphthalene	116	62	121
	1104LCS51		2510731	n-Butylbenzene	102	76	117
	1104LCS51		2510731	n-Propylbenzene	103	76	116
	1104LCS51		2510731	o-Xylene	99	77	117
	1104LCS51		2510731	p-Isopropyltoluene	106	76	113
	1104LCS51		2510731	Sec-Butylbenzene	104	80	120
	1104LCS51		2510731	Styrene	104	77	117
	1104LCS51		2510731	tert-Butylbenzene	107	76	116
	1104LCS51		2510731	Tetrachloroethene	112	77	117
	1104LCS51		2510731	Toluene	106	73	120
	1104LCS51		2510731	trans-1,2-Dichloroethene	99	80	120

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	1104LCS51	WATER	2510731	trans-1,3-Dichloropropene	101	72	117
	1104LCS51		2510731	Trichloroethene	110	78	122
	1104LCS51		2510731	Trichlorofluoromethane	88.5	65	190
	1104LCS51		2510731	Vinyl chloride	95	49	136
	1104LCS51		2510731	Xylenes, Total	103	77	117
	1104LCS51D		2510731	1,1,1,2-Tetrachloroethane	95.5	77	117
	1104LCS51D		2510731	1,1,1-Trichloroethane	89.5	78	118
	1104LCS51D		2510731	1,1,2,2-Tetrachloroethane	104	73	119
	1104LCS51D		2510731	1,1,2-Trichloroethane	106	76	116
	1104LCS51D		2510731	1,1-Dichloroethane	88	77	117
	1104LCS51D		2510731	1,1-Dichloroethene	82	66	133
	1104LCS51D		2510731	1,1-Dichloropropene	94.5	75	115
	1104LCS51D		2510731	1,2,3-Trichlorobenzene	108	66	123
	1104LCS51D		2510731	1,2,3-Trichloropropane	99	84	118
	1104LCS51D		2510731	1,2,4-Trichlorobenzene	110	73	121
	1104LCS51D		2510731	1,2,4-Trimethylbenzene	99.5	77	120
	1104LCS51D		2510731	1,2-Dibromo-3-chloropropane	98.5	65	117
	1104LCS51D		2510731	1,2-Dibromoethane	106	77	117
	1104LCS51D		2510731	1,2-Dichlorobenzene	105	76	116
	1104LCS51D		2510731	1,2-Dichloroethane	89	74	120
	1104LCS51D		2510731	1,2-Dichloropropane	93	76	116
	1104LCS51D		2510731	1,3,5-Trimethylbenzene	100	77	117
	1104LCS51D		2510731	1,3-Dichlorobenzene	104	75	115
	1104LCS51D		2510731	1,3-Dichloropropane	97	75	115
	1104LCS51D		2510731	1,4-Dichlorobenzene	103	77	117
	1104LCS51D		2510731	2,2-Dichloropropane	98.5	72	128
	1104LCS51D		2510731	2-Butanone	88	57	120
	1104LCS51D		2510731	2-Chlorotoluene	97.5	76	116
	1104LCS51D		2510731	2-Hexanone	87.3	57	121
	1104LCS51D		2510731	4-Chlorotoluene	97.5	78	118
	1104LCS51D		2510731	4-Methyl-2-Pentanone	83.8	65	118
	1104LCS51D		2510731	Acetone	87	48	130
	1104LCS51D		2510731	Benzene	95.5	77	118
	1104LCS51D		2510731	Bromobenzene	94.5	75	115
	1104LCS51D		2510731	Bromochloromethane	93	78	118
	1104LCS51D		2510731	Bromodichloromethane	90	78	118
	1104LCS51D		2510731	Bromoform	98.5	74	121
	1104LCS51D		2510731	Bromomethane	117	42	154
	1104LCS51D		2510731	Carbon Disulfide	78.5	56	104
	1104LCS51D		2510731	Carbon tetrachloride	84.5	80	120
	1104LCS51D		2510731	Chlorobenzene	102	78	118
	1104LCS51D		2510731	Chloroethane	75	51	133

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	1104LCS51D	WATER	2510731	Chloroform	92.5	78	118
	1104LCS51D		2510731	Chloromethane	94.5	46	142
	1104LCS51D		2510731	Cis-1,2-DCE	103	75	115
	1104LCS51D		2510731	cis-1,3-Dichloropropene	97	76	113
	1104LCS51D		2510731	Dibromochloromethane	98	76	116
	1104LCS51D		2510731	Dibromomethane	98	77	117
	1104LCS51D		2510731	Dichlorodifluoromethane	81	56	140
	1104LCS51D		2510731	Ethylbenzene	99.5	78	118
	1104LCS51D		2510731	Hexachlorobutadiene	107	73	123
	1104LCS51D		2510731	Isopropylbenzene	100	71	113
	1104LCS51D		2510731	m,p-Xylene	100	78	118
	1104LCS51D		2510731	Methyl tert-Butyl Ether	95.5	58	116
	1104LCS51D		2510731	Methylene chloride	81	71	119
	1104LCS51D		2510731	Naphthalene	114	62	121
	1104LCS51D		2510731	n-Butylbenzene	97.5	76	117
	1104LCS51D		2510731	n-Propylbenzene	97.5	76	116
	1104LCS51D		2510731	o-Xylene	94	77	117
	1104LCS51D		2510731	p-Isopropyltoluene	102	76	113
	1104LCS51D		2510731	Sec-Butylbenzene	100	80	120
	1104LCS51D		2510731	Styrene	102	77	117
	1104LCS51D		2510731	tert-Butylbenzene	100	76	116
	1104LCS51D		2510731	Tetrachloroethene	107	77	117
	1104LCS51D		2510731	Toluene	101	73	120
	1104LCS51D		2510731	trans-1,2-Dichloroethene	100	80	120
	1104LCS51D		2510731	trans-1,3-Dichloropropene	101	72	117
	1104LCS51D		2510731	Trichloroethene	106	78	122
	1104LCS51D		2510731	Trichlorofluoromethane	79.5	65	190
	1104LCS51D		2510731	Vinyl chloride	85.5	49	136
	1104LCS51D		2510731	Xylenes, Total	98	77	117
	1105LCS51		2510747	1,1,1,2-Tetrachloroethane	97	77	117
	1105LCS51		2510747	1,1,1-Trichloroethane	93.5	78	118
	1105LCS51		2510747	1,1,2,2-Tetrachloroethane	104	73	119
	1105LCS51		2510747	1,1,2-Trichloroethane	110	76	116
	1105LCS51		2510747	1,1-Dichloroethane	90	77	117
	1105LCS51		2510747	1,1-Dichloroethene	81.5	66	133
	1105LCS51		2510747	1,1-Dichloropropene	96	75	115
	1105LCS51		2510747	1,2,3-Trichlorobenzene	111	66	123
	1105LCS51		2510747	1,2,3-Trichloropropane	99	84	118
	1105LCS51		2510747	1,2,4-Trichlorobenzene	110	73	121
	1105LCS51		2510747	1,2,4-Trimethylbenzene	98	77	120
	1105LCS51		2510747	1,2-Dibromo-3-chloropropane	96	65	117
	1105LCS51		2510747	1,2-Dibromoethane	107	77	117

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	1105LCS51	WATER	2510747	1,2-Dichlorobenzene	105	76	116
	1105LCS51		2510747	1,2-Dichloroethane	90	74	120
	1105LCS51		2510747	1,2-Dichloropropane	94.5	76	116
	1105LCS51		2510747	1,3,5-Trimethylbenzene	99	77	117
	1105LCS51		2510747	1,3-Dichlorobenzene	104	75	115
	1105LCS51		2510747	1,3-Dichloropropane	99	75	115
	1105LCS51		2510747	1,4-Dichlorobenzene	104	77	117
	1105LCS51		2510747	2,2-Dichloropropane	100	72	128
	1105LCS51		2510747	2-Butanone	93	57	120
	1105LCS51		2510747	2-Chlorotoluene	97.5	76	116
	1105LCS51		2510747	2-Hexanone	91.5	57	121
	1105LCS51		2510747	4-Chlorotoluene	97	78	118
	1105LCS51		2510747	4-Methyl-2-Pentanone	89.7	65	118
	1105LCS51		2510747	Acetone	88.3	48	130
	1105LCS51		2510747	Benzene	100	77	118
	1105LCS51		2510747	Bromobenzene	94.5	75	115
	1105LCS51		2510747	Bromochloromethane	97	78	118
	1105LCS51		2510747	Bromodichloromethane	92	78	118
	1105LCS51		2510747	Bromoform	96.5	74	121
	1105LCS51		2510747	Bromomethane	121	42	154
	1105LCS51		2510747	Carbon Disulfide	75	56	104
	1105LCS51		2510747	Carbon tetrachloride	86	80	120
	1105LCS51		2510747	Chlorobenzene	105	78	118
	1105LCS51		2510747	Chloroethane	78	51	133
	1105LCS51		2510747	Chloroform	95	78	118
	1105LCS51		2510747	Chloromethane	87.5	46	142
	1105LCS51		2510747	Cis-1,2-DCE	102	75	115
	1105LCS51		2510747	cis-1,3-Dichloropropene	100	76	113
	1105LCS51		2510747	Dibromochloromethane	99.5	76	116
	1105LCS51		2510747	Dibromomethane	99.5	77	117
	1105LCS51		2510747	Dichlorodifluoromethane	75	56	140
	1105LCS51		2510747	Ethylbenzene	103	78	118
	1105LCS51		2510747	Hexachlorobutadiene	104	73	123
	1105LCS51		2510747	Isopropylbenzene	100	71	113
	1105LCS51		2510747	m,p-Xylene	102	78	118
	1105LCS51		2510747	Methyl tert-Butyl Ether	97	58	116
	1105LCS51		2510747	Methylene chloride	83.5	71	119
	1105LCS51		2510747	Naphthalene	116	62	121
	1105LCS51		2510747	n-Butylbenzene	98	76	117
	1105LCS51		2510747	n-Propylbenzene	97.5	76	116
	1105LCS51		2510747	o-Xylene	97	77	117
	1105LCS51		2510747	p-Isopropyltoluene	102	76	113

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	1105LCS51	WATER	2510747	Sec-Butylbenzene	99.5	80	120
	1105LCS51		2510747	Styrene	104	77	117
	1105LCS51		2510747	tert-Butylbenzene	102	76	116
	1105LCS51		2510747	Tetrachloroethene	108	77	117
	1105LCS51		2510747	Toluene	104	73	120
	1105LCS51		2510747	trans-1,2-Dichloroethene	99	80	120
	1105LCS51		2510747	trans-1,3-Dichloropropene	102	72	117
	1105LCS51		2510747	Trichloroethene	108	78	122
	1105LCS51		2510747	Trichlorofluoromethane	84.5	65	190
	1105LCS51		2510747	Vinyl chloride	83.5	49	136
	1105LCS51		2510747	Xylenes, Total	100	77	117
	D8K120000306C		D8J290148	1,1,1,2-Tetrachloroethane	106	77	117
	D8K120000306C		D8J290148	1,1,1-Trichloroethane	107	78	118
	D8K120000306C		D8J290148	1,1,2,2-Tetrachloroethane	105	73	119
	D8K120000306C		D8J290148	1,1,2-Trichloroethane	103	76	116
	D8K120000306C		D8J290148	1,1-Dichloroethane	104	77	117
	D8K120000306C		D8J290148	1,1-Dichloroethene	91	66	133
	D8K120000306C		D8J290148	1,1-Dichloropropene	109	75	115
	D8K120000306C		D8J290148	1,2,3-Trichlorobenzene	104	66	123
	D8K120000306C		D8J290148	1,2,3-Trichloropropane	91	84	118
	D8K120000306C		D8J290148	1,2,4-Trichlorobenzene	108	73	121
	D8K120000306C		D8J290148	1,2,4-Trimethylbenzene	112	77	120
	D8K120000306C		D8J290148	1,2-Dibromo-3-chloropropane	86	65	117
	D8K120000306C		D8J290148	1,2-Dibromoethane	105	77	117
	D8K120000306C		D8J290148	1,2-Dichlorobenzene	103	76	116
	D8K120000306C		D8J290148	1,2-Dichloroethane	99	74	120
	D8K120000306C		D8J290148	1,2-Dichloropropane	106	76	116
	D8K120000306C		D8J290148	1,3,5-Trimethylbenzene	113	77	117
	D8K120000306C		D8J290148	1,3-Dichlorobenzene	101	75	115
	D8K120000306C		D8J290148	1,3-Dichloropropane	102	75	115
	D8K120000306C		D8J290148	1,4-Dichlorobenzene	99	77	117
	D8K120000306C		D8J290148	2,2-Dichloropropane	107	72	128
	D8K120000306C		D8J290148	2-Butanone	96	57	120
	D8K120000306C		D8J290148	2-Chlorotoluene	105	76	116
	D8K120000306C		D8J290148	2-Hexanone	92	57	121
	D8K120000306C		D8J290148	4-Chlorotoluene	105	78	118
	D8K120000306C		D8J290148	4-Methyl-2-Pentanone	101	65	118
	D8K120000306C		D8J290148	Acetone	94	48	130
	D8K120000306C		D8J290148	Benzene	106	77	118
	D8K120000306C		D8J290148	Bromobenzene	103	75	115
	D8K120000306C		D8J290148	Bromochloromethane	104	78	118
	D8K120000306C		D8J290148	Bromodichloromethane	108	78	118

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	D8K120000306C	WATER	D8J290148	Bromoform	89	74	121
	D8K120000306C		D8J290148	Bromomethane	98	42	154
	D8K120000306C		D8J290148	Carbon Disulfide	72	56	104
	D8K120000306C		D8J290148	Carbon tetrachloride	106	80	120
	D8K120000306C		D8J290148	Chlorobenzene	102	78	118
	D8K120000306C		D8J290148	Chloroethane	101	51	133
	D8K120000306C		D8J290148	Chloroform	104	78	118
	D8K120000306C		D8J290148	Chloromethane	81	46	142
	D8K120000306C		D8J290148	Cis-1,2-DCE	102	75	115
	D8K120000306C		D8J290148	cis-1,3-Dichloropropene	104	76	113
	D8K120000306C		D8J290148	Dibromochloromethane	99	76	116
	D8K120000306C		D8J290148	Dibromomethane	105	77	117
	D8K120000306C		D8J290148	Dichlorodifluoromethane	90	56	140
	D8K120000306C		D8J290148	Ethylbenzene	110	78	118
	D8K120000306C		D8J290148	Hexachlorobutadiene	106	73	123
	D8K120000306C		D8J290148	Isopropylbenzene	108	71	113
	D8K120000306C		D8J290148	m,p-Xylene	109	78	118
	D8K120000306C		D8J290148	Methyl tert-Butyl Ether	97	58	116
	D8K120000306C		D8J290148	Methylene chloride	97	71	119
	D8K120000306C		D8J290148	Naphthalene	107	62	121
	D8K120000306C		D8J290148	n-Butylbenzene	114	76	117
	D8K120000306C		D8J290148	n-Propylbenzene	111	76	116
	D8K120000306C		D8J290148	o-Xylene	114	77	117
	D8K120000306C		D8J290148	p-Isopropyltoluene	110	76	113
	D8K120000306C		D8J290148	Sec-Butylbenzene	120	80	120
	D8K120000306C		D8J290148	Styrene	80	77	117
	D8K120000306C		D8J290148	tert-Butylbenzene	113	76	116
	D8K120000306C		D8J290148	Tetrachloroethene	104	77	117
	D8K120000306C		D8J290148	Toluene	106	73	120
	D8K120000306C		D8J290148	trans-1,2-Dichloroethene	113	80	120
	D8K120000306C		D8J290148	trans-1,3-Dichloropropene	97	72	117
	D8K120000306C		D8J290148	Trichloroethene	109	78	122
	D8K120000306C		D8J290148	Trichlorofluoromethane	98	65	190
	D8K120000306C		D8J290148	Vinyl chloride	92	49	136
	D8K120000306C		D8J290148	Xylenes, Total	111	77	117
	D8K120000306L		D8J290148	1,1,1,2-Tetrachloroethane	110	77	117
	D8K120000306L		D8J290148	1,1,1-Trichloroethane	108	78	118
	D8K120000306L		D8J290148	1,1,2,2-Tetrachloroethane	110	73	119
	D8K120000306L		D8J290148	1,1,2-Trichloroethane	109	76	116
	D8K120000306L		D8J290148	1,1-Dichloroethane	107	77	117
	D8K120000306L		D8J290148	1,1-Dichloroethene	96	66	133
	D8K120000306L		D8J290148	1,1-Dichloropropene	110	75	115

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	D8K120000306L	WATER	D8J290148	1,2,3-Trichlorobenzene	111	66	123
	D8K120000306L		D8J290148	1,2,3-Trichloropropane	94	84	118
	D8K120000306L		D8J290148	1,2,4-Trichlorobenzene	115	73	121
	D8K120000306L		D8J290148	1,2,4-Trimethylbenzene	113	77	120
	D8K120000306L		D8J290148	1,2-Dibromo-3-chloropropane	90	65	117
	D8K120000306L		D8J290148	1,2-Dibromoethane	110	77	117
	D8K120000306L		D8J290148	1,2-Dichlorobenzene	107	76	116
	D8K120000306L		D8J290148	1,2-Dichloroethane	104	74	120
	D8K120000306L		D8J290148	1,2-Dichloropropane	112	76	116
	D8K120000306L		D8J290148	1,3,5-Trimethylbenzene	114	77	117
	D8K120000306L		D8J290148	1,3-Dichlorobenzene	105	75	115
	D8K120000306L		D8J290148	1,3-Dichloropropane	110	75	115
	D8K120000306L		D8J290148	1,4-Dichlorobenzene	103	77	117
	D8K120000306L		D8J290148	2,2-Dichloropropane	108	72	128
	D8K120000306L		D8J290148	2-Butanone	94	57	120
	D8K120000306L		D8J290148	2-Chlorotoluene	107	76	116
	D8K120000306L		D8J290148	2-Hexanone	95	57	121
	D8K120000306L		D8J290148	4-Chlorotoluene	106	78	118
	D8K120000306L		D8J290148	4-Methyl-2-Pentanone	100	65	118
	D8K120000306L		D8J290148	Acetone	90	48	130
	D8K120000306L		D8J290148	Benzene	110	77	118
	D8K120000306L		D8J290148	Bromobenzene	106	75	115
	D8K120000306L		D8J290148	Bromochloromethane	108	78	118
	D8K120000306L		D8J290148	Bromodichloromethane	111	78	118
	D8K120000306L		D8J290148	Bromoform	93	74	121
	D8K120000306L		D8J290148	Bromomethane	94	42	154
	D8K120000306L		D8J290148	Carbon Disulfide	78	56	104
	D8K120000306L		D8J290148	Carbon tetrachloride	108	80	120
	D8K120000306L		D8J290148	Chlorobenzene	106	78	118
	D8K120000306L		D8J290148	Chloroethane	93	51	133
	D8K120000306L		D8J290148	Chloroform	107	78	118
	D8K120000306L		D8J290148	Chloromethane	77	46	142
	D8K120000306L		D8J290148	Cis-1,2-DCE	107	75	115
	D8K120000306L		D8J290148	cis-1,3-Dichloropropene	110	76	113
	D8K120000306L		D8J290148	Dibromochloromethane	105	76	116
	D8K120000306L		D8J290148	Dibromomethane	109	77	117
	D8K120000306L		D8J290148	Dichlorodifluoromethane	83	56	140
	D8K120000306L		D8J290148	Ethylbenzene	113	78	118
	D8K120000306L		D8J290148	Hexachlorobutadiene	106	73	123
	D8K120000306L		D8J290148	Isopropylbenzene	109	71	113
	D8K120000306L		D8J290148	m,p-Xylene	113	78	118
	D8K120000306L		D8J290148	Methyl tert-Butyl Ether	102	58	116

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	D8K120000306L	WATER	D8J290148	Methylene chloride	103	71	119
	D8K120000306L		D8J290148	Naphthalene	115	62	121
	D8K120000306L		D8J290148	n-Butylbenzene	112	76	117
	D8K120000306L		D8J290148	n-Propylbenzene	113	76	116
	D8K120000306L		D8J290148	o-Xylene	117	77	117
	D8K120000306L		D8J290148	p-Isopropyltoluene	110	76	113
	D8K120000306L		D8J290148	Sec-Butylbenzene	119	80	120
	D8K120000306L		D8J290148	Styrene	83	77	117
	D8K120000306L		D8J290148	tert-Butylbenzene	113	76	116
	D8K120000306L		D8J290148	Tetrachloroethene	107	77	117
	D8K120000306L		D8J290148	Toluene	110	73	120
	D8K120000306L		D8J290148	trans-1,2-Dichloroethene	117	80	120
	D8K120000306L		D8J290148	trans-1,3-Dichloropropene	103	72	117
	D8K120000306L		D8J290148	Trichloroethene	112	78	122
	D8K120000306L		D8J290148	Trichlorofluoromethane	91	65	190
	D8K120000306L		D8J290148	Vinyl chloride	89	49	136
	D8K120000306L		D8J290148	Xylenes, Total	114	77	117
	D8K120000680C		D8J310209	1,1,1,2-Tetrachloroethane	95	77	117
	D8K120000680C		D8J300183	1,1,1,2-Tetrachloroethane	95	77	117
	D8K120000680C		D8J300183	1,1,1-Trichloroethane	93	78	118
	D8K120000680C		D8J310209	1,1,1-Trichloroethane	93	78	118
	D8K120000680C		D8J300183	1,1,2,2-Tetrachloroethane	102	73	119
	D8K120000680C		D8J310209	1,1,2,2-Tetrachloroethane	102	73	119
	D8K120000680C		D8J300183	1,1,2-Trichloroethane	99	76	116
	D8K120000680C		D8J310209	1,1,2-Trichloroethane	99	76	116
	D8K120000680C		D8J300183	1,1-Dichloroethane	93	77	117
	D8K120000680C		D8J310209	1,1-Dichloroethane	93	77	117
	D8K120000680C		D8J300183	1,1-Dichloroethene	107	66	133
	D8K120000680C		D8J310209	1,1-Dichloroethene	107	66	133
	D8K120000680C		D8J300183	1,1-Dichloropropene	97	75	115
	D8K120000680C		D8J310209	1,1-Dichloropropene	97	75	115
	D8K120000680C		D8J300183	1,2,3-Trichlorobenzene	110	66	123
	D8K120000680C		D8J310209	1,2,3-Trichlorobenzene	110	66	123
	D8K120000680C		D8J300183	1,2,3-Trichloropropane	87	84	118
	D8K120000680C		D8J310209	1,2,3-Trichloropropane	87	84	118
	D8K120000680C		D8J310209	1,2,4-Trichlorobenzene	109	73	121
	D8K120000680C		D8J300183	1,2,4-Trichlorobenzene	109	73	121
	D8K120000680C		D8J310209	1,2,4-Trimethylbenzene	102	77	120
	D8K120000680C		D8J300183	1,2,4-Trimethylbenzene	102	77	120
	D8K120000680C		D8J310209	1,2-Dibromo-3-chloropropane	97	65	117
	D8K120000680C		D8J300183	1,2-Dibromo-3-chloropropane	97	65	117
	D8K120000680C		D8J310209	1,2-Dibromoethane	101	77	117

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	D8K120000680C	WATER	D8J300183	1,2-Dibromoethane	101	77	117
	D8K120000680C		D8J310209	1,2-Dichlorobenzene	97	76	116
	D8K120000680C		D8J300183	1,2-Dichlorobenzene	97	76	116
	D8K120000680C		D8J310209	1,2-Dichloroethane	95	74	120
	D8K120000680C		D8J300183	1,2-Dichloroethane	95	74	120
	D8K120000680C		D8J300183	1,2-Dichloropropane	96	76	116
	D8K120000680C		D8J310209	1,2-Dichloropropane	96	76	116
	D8K120000680C		D8J310209	1,3,5-Trimethylbenzene	100	77	117
	D8K120000680C		D8J300183	1,3,5-Trimethylbenzene	100	77	117
	D8K120000680C		D8J310209	1,3-Dichlorobenzene	95	75	115
	D8K120000680C		D8J300183	1,3-Dichlorobenzene	95	75	115
	D8K120000680C		D8J310209	1,3-Dichloropropane	97	75	115
	D8K120000680C		D8J300183	1,3-Dichloropropane	97	75	115
	D8K120000680C		D8J310209	1,4-Dichlorobenzene	96	77	117
	D8K120000680C		D8J300183	1,4-Dichlorobenzene	96	77	117
	D8K120000680C		D8J310209	2,2-Dichloropropane	96	72	128
	D8K120000680C		D8J300183	2,2-Dichloropropane	96	72	128
	D8K120000680C		D8J310209	2-Butanone	117	57	120
	D8K120000680C		D8J300183	2-Butanone	117	57	120
	D8K120000680C		D8J300183	2-Chlorotoluene	96	76	116
	D8K120000680C		D8J310209	2-Chlorotoluene	96	76	116
	D8K120000680C		D8J300183	2-Hexanone	106	57	121
	D8K120000680C		D8J310209	2-Hexanone	106	57	121
	D8K120000680C		D8J310209	4-Chlorotoluene	95	78	118
	D8K120000680C		D8J300183	4-Chlorotoluene	95	78	118
	D8K120000680C		D8J300183	4-Methyl-2-Pentanone	105	65	118
	D8K120000680C		D8J310209	4-Methyl-2-Pentanone	105	65	118
	D8K120000680C		D8J310209	Acetone	118	48	130
	D8K120000680C		D8J300183	Acetone	118	48	130
	D8K120000680C		D8J310209	Benzene	95	77	118
	D8K120000680C		D8J300183	Benzene	95	77	118
	D8K120000680C		D8J310209	Bromobenzene	95	75	115
	D8K120000680C		D8J300183	Bromobenzene	95	75	115
	D8K120000680C		D8J300183	Bromochloromethane	97	78	118
	D8K120000680C		D8J310209	Bromochloromethane	97	78	118
	D8K120000680C		D8J310209	Bromodichloromethane	97	78	118
	D8K120000680C		D8J300183	Bromodichloromethane	97	78	118
	D8K120000680C		D8J310209	Bromoform	97	74	121
	D8K120000680C		D8J300183	Bromoform	97	74	121
	D8K120000680C		D8J300183	Bromomethane	115	42	154
	D8K120000680C		D8J310209	Bromomethane	115	42	154
	D8K120000680C		D8J310209	Carbon Disulfide	84	56	104

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	D8K120000680C	WATER	D8J300183	Carbon Disulfide	84	56	104
	D8K120000680C		D8J300183	Carbon tetrachloride	94	80	120
	D8K120000680C		D8J310209	Carbon tetrachloride	94	80	120
	D8K120000680C		D8J300183	Chlorobenzene	95	78	118
	D8K120000680C		D8J310209	Chlorobenzene	95	78	118
	D8K120000680C		D8J300183	Chloroethane	117	51	133
	D8K120000680C		D8J310209	Chloroethane	117	51	133
	D8K120000680C		D8J310209	Chloroform	96	78	118
	D8K120000680C		D8J300183	Chloroform	96	78	118
	D8K120000680C		D8J300183	Chloromethane	97	46	142
	D8K120000680C		D8J310209	Chloromethane	97	46	142
	D8K120000680C		D8J310209	Cis-1,2-DCE	99	75	115
	D8K120000680C		D8J300183	Cis-1,2-DCE	99	75	115
	D8K120000680C		D8J300183	cis-1,3-Dichloropropene	102	76	113
	D8K120000680C		D8J310209	cis-1,3-Dichloropropene	102	76	113
	D8K120000680C		D8J310209	Dibromochloromethane	97	76	116
	D8K120000680C		D8J300183	Dibromochloromethane	97	76	116
	D8K120000680C		D8J310209	Dibromomethane	99	77	117
	D8K120000680C		D8J300183	Dibromomethane	99	77	117
	D8K120000680C		D8J310209	Dichlorodifluoromethane	100	56	140
	D8K120000680C		D8J300183	Dichlorodifluoromethane	100	56	140
	D8K120000680C		D8J310209	Ethylbenzene	99	78	118
	D8K120000680C		D8J300183	Ethylbenzene	99	78	118
	D8K120000680C		D8J310209	Hexachlorobutadiene	93	73	123
	D8K120000680C		D8J300183	Hexachlorobutadiene	93	73	123
	D8K120000680C		D8J310209	Isopropylbenzene	93	71	113
	D8K120000680C		D8J300183	Isopropylbenzene	93	71	113
	D8K120000680C		D8J300183	m,p-Xylene	99	78	118
	D8K120000680C		D8J310209	m,p-Xylene	99	78	118
	D8K120000680C		D8J300183	Methyl tert-Butyl Ether	90	58	116
	D8K120000680C		D8J310209	Methyl tert-Butyl Ether	90	58	116
	D8K120000680C		D8J300183	Methylene chloride	106	71	119
	D8K120000680C		D8J310209	Methylene chloride	106	71	119
	D8K120000680C		D8J310209	Naphthalene	111	62	121
	D8K120000680C		D8J300183	Naphthalene	111	62	121
	D8K120000680C		D8J300183	n-Butylbenzene	102	76	117
	D8K120000680C		D8J310209	n-Butylbenzene	102	76	117
	D8K120000680C		D8J310209	n-Propylbenzene	98	76	116
	D8K120000680C		D8J300183	n-Propylbenzene	98	76	116
	D8K120000680C		D8J300183	o-Xylene	100	77	117
	D8K120000680C		D8J310209	o-Xylene	100	77	117
	D8K120000680C		D8J310209	p-Isopropyltoluene	100	76	113

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	D8K120000680C	WATER	D8J300183	p-Isopropyltoluene	100	76	113
	D8K120000680C		D8J310209	Sec-Butylbenzene	107	80	120
	D8K120000680C		D8J300183	Sec-Butylbenzene	107	80	120
	D8K120000680C		D8J300183	Styrene	89	77	117
	D8K120000680C		D8J310209	Styrene	89	77	117
	D8K120000680C		D8J300183	tert-Butylbenzene	100	76	116
	D8K120000680C		D8J310209	tert-Butylbenzene	100	76	116
	D8K120000680C		D8J310209	Tetrachloroethene	96	77	117
	D8K120000680C		D8J300183	Tetrachloroethene	96	77	117
	D8K120000680C		D8J310209	Toluene	96	73	120
	D8K120000680C		D8J300183	Toluene	96	73	120
	D8K120000680C		D8J300183	trans-1,2-Dichloroethene	100	80	120
	D8K120000680C		D8J310209	trans-1,2-Dichloroethene	100	80	120
	D8K120000680C		D8J310209	trans-1,3-Dichloropropene	96	72	117
	D8K120000680C		D8J300183	trans-1,3-Dichloropropene	96	72	117
	D8K120000680C		D8J300183	Trichloroethene	97	78	122
	D8K120000680C		D8J310209	Trichloroethene	97	78	122
	D8K120000680C		D8J310209	Trichlorofluoromethane	121	65	190
	D8K120000680C		D8J300183	Trichlorofluoromethane	121	65	190
	D8K120000680C		D8J310209	Vinyl chloride	98	49	136
	D8K120000680C		D8J300183	Vinyl chloride	98	49	136
	D8K120000680C		D8J310209	Xylenes, Total	99	77	117
	D8K120000680C		D8J300183	Xylenes, Total	99	77	117
SW8270C							
	272061	WATER	2510747	1,2-Dichlorobenzene	78.2	40	100
	272061		2510731	1,2-Dichlorobenzene	78.2	40	100
	272061		2510747	1,3-Dinitrobenzene	99.5	45	135
	272061		2510731	1,3-Dinitrobenzene	99.5	45	135
	272061		2510731	2,4,5-Trichlorophenol	81	50	110
	272061		2510747	2,4,5-Trichlorophenol	81	50	110
	272061		2510731	2,4,6-Trichlorophenol	85	53	115
	272061		2510747	2,4,6-Trichlorophenol	85	53	115
	272061		2510731	2,4-Dimethylphenol	95	47	110
	272061		2510747	2,4-Dimethylphenol	95	47	110
	272061		2510747	2,4-Dinitrophenol	62.1	56	140
	272061		2510731	2,4-Dinitrophenol	62.1	56	140
	272061		2510731	2,4-Dinitrotoluene	84	69	120
	272061		2510747	2,4-Dinitrotoluene	84	69	120
	272061		2510731	2,6-Dinitrotoluene	86.8	69	115
	272061		2510747	2,6-Dinitrotoluene	86.8	69	115
	272061		2510731	2-Chloronaphthalene	81.5	35	105
	272061		2510747	2-Chloronaphthalene	81.5	35	105

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	272061	WATER	2510731	2-Chlorophenol	98	51	105
	272061		2510747	2-Chlorophenol	98	51	105
	272061		2510731	2-Methylnaphthalene	90	57	105
	272061		2510747	2-Methylnaphthalene	90	57	105
	272061		2510731	2-Methylphenol	73.5	47	110
	272061		2510747	2-Methylphenol	73.5	47	110
	272061		2510731	2-Nitroaniline	72.2	66	115
	272061		2510747	2-Nitroaniline	72.2	66	115
	272061		2510731	2-Nitrophenol	93.5	48	115
	272061		2510747	2-Nitrophenol	93.5	48	115
	272061		2510731	3,3'-Dichlorobenzidine	89	55	110
	272061		2510747	3,3'-Dichlorobenzidine	89	55	110
	272061		2510731	3-Nitroaniline	112	61	125
	272061		2510747	3-Nitroaniline	112	61	125
	272061		2510731	4,6-Dinitro-2-methylphenol	75	44	130
	272061		2510747	4,6-Dinitro-2-methylphenol	75	44	130
	272061		2510731	4-Bromophenyl phenyl ether	93.8	54	113
	272061		2510747	4-Bromophenyl phenyl ether	93.8	54	113
	272061		2510731	4-Chloro-3-methylphenol	81.5	55	110
	272061		2510747	4-Chloro-3-methylphenol	81.5	55	110
	272061		2510731	4-Chloroaniline	98	52	110
	272061		2510747	4-Chloroaniline	98	52	110
	272061		2510731	4-Chlorophenyl phenyl ether	87.8	60	110
	272061		2510747	4-Chlorophenyl phenyl ether	87.8	60	110
	272061		2510731	**4-Methylphenol**	**142**	**37**	**110**
	272061		2510747	**4-Methylphenol**	**142**	**37**	**110**
	272061		2510731	**4-Nitroaniline**	**123**	**67**	**120**
	272061		2510747	**4-Nitroaniline**	**123**	**67**	**120**
	272061		2510731	4-Nitrophenol	39.8	27	80
	272061		2510747	4-Nitrophenol	39.8	27	80
	272061		2510731	Acenaphthene	93.5	60	110
	272061		2510747	Acenaphthene	93.5	60	110
	272061		2510731	Acenaphthylene	96.8	58	105
	272061		2510747	Acenaphthylene	96.8	58	105
	272061		2510731	Anthracene	92.2	63	110
	272061		2510747	Anthracene	92.2	63	110
	272061		2510731	Benzidine	0	0	98
	272061		2510747	Benzidine	0	0	98
	272061		2510731	Benzo (a) anthracene	90.8	63	110
	272061		2510747	Benzo (a) anthracene	90.8	63	110
	272061		2510731	Benzo (a) pyrene	90.2	60	110
	272061		2510747	Benzo (a) pyrene	90.2	60	110

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	272061	WATER	2510731	Benzo (b) fluoranthene	110	60	120
	272061		2510747	Benzo (b) fluoranthene	110	60	120
	272061		2510731	Benzo (g,h,i) perylene	98	40	125
	272061		2510747	Benzo (g,h,i) perylene	98	40	125
	272061		2510731	Benzo (k) fluoranthene	88.5	54	125
	272061		2510747	Benzo (k) fluoranthene	88.5	54	125
	272061		2510731	**Benzoic acid**	**0**	**10**	**60**
	272061		2510747	**Benzoic acid**	**0**	**10**	**60**
	272061		2510747	Bis (2-chloroethoxy) methane	82.8	61	105
	272061		2510731	Bis (2-chloroethoxy) methane	82.8	61	105
	272061		2510747	Bis (2-chloroethyl) ether	85.2	62	110
	272061		2510731	Bis (2-chloroethyl) ether	85.2	62	110
	272061		2510747	Bis (2-ethylhexyl) phthalate	96.5	63	125
	272061		2510731	Bis (2-ethylhexyl) phthalate	96.5	63	125
	272061		2510731	Butyl benzylphthalate	95.5	64	115
	272061		2510747	Butyl benzylphthalate	95.5	64	115
	272061		2510731	Chrysene	91.2	60	110
	272061		2510747	Chrysene	91.2	60	110
	272061		2510731	Dibenzo (a,h) anthracene	96.5	41	125
	272061		2510747	Dibenzo (a,h) anthracene	96.5	41	125
	272061		2510731	Dibenzofuran	91	64	105
	272061		2510747	Dibenzofuran	91	64	105
	272061		2510731	Diethyl phthalate	92.2	64	120
	272061		2510747	Diethyl phthalate	92.2	64	120
	272061		2510731	Dimethyl phthalate	89.8	62	125
	272061		2510747	Dimethyl phthalate	89.8	62	125
	272061		2510731	Di-n-butylphthalate	97.5	65	115
	272061		2510747	Di-n-butylphthalate	97.5	65	115
	272061		2510731	Di-n-octylphthalate	95.5	57	135
	272061		2510747	Di-n-octylphthalate	95.5	57	135
	272061		2510731	Fluoranthene	93	64	115
	272061		2510747	Fluoranthene	93	64	115
	272061		2510731	Fluorene	89.5	62	110
	272061		2510747	Fluorene	89.5	62	110
	272061		2510731	Hexachlorobenzene	81.8	68	110
	272061		2510747	Hexachlorobenzene	81.8	68	110
	272061		2510731	Hexachlorobutadiene	59.8	42	105
	272061		2510747	Hexachlorobutadiene	59.8	42	105
	272061		2510731	Hexachlorocyclopentadiene	57	27	139
	272061		2510747	Hexachlorocyclopentadiene	57	27	139
	272061		2510731	Hexachloroethane	79.2	32	95
	272061		2510747	Hexachloroethane	79.2	32	95

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	272061	WATER	2510731	Indeno (1,2,3-c,d) pyrene	93	45	125
	272061		2510747	Indeno (1,2,3-c,d) pyrene	93	45	125
	272061		2510731	Naphthalene	89.5	50	100
	272061		2510747	Naphthalene	89.5	50	100
	272061		2510731	Nitrobenzene	66.5	61	110
	272061		2510747	Nitrobenzene	66.5	61	110
	272061		2510731	n-Nitrosodi-n-propylamine	76.8	57	120
	272061		2510747	n-Nitrosodi-n-propylamine	76.8	57	120
	272061		2510731	n-Nitrosodiphenylamine	90	71	110
	272061		2510747	n-Nitrosodiphenylamine	90	71	110
	272061		2510731	Pentachlorophenol	84	41	115
	272061		2510747	Pentachlorophenol	84	41	115
	272061		2510731	Phenanthrene	92.5	61	115
	272061		2510747	Phenanthrene	92.5	61	115
	272061		2510731	Phenol	43.8	30	74
	272061		2510747	Phenol	43.8	30	74
	272061		2510731	Pyrene	90	62	130
	272061		2510747	Pyrene	90	62	130
	272062		2510731	1,2-Dichlorobenzene	81	40	100
	272062		2510747	1,2-Dichlorobenzene	81	40	100
	272062		2510731	1,3-Dinitrobenzene	104	45	135
	272062		2510747	1,3-Dinitrobenzene	104	45	135
	272062		2510731	2,4,5-Trichlorophenol	84.5	50	110
	272062		2510747	2,4,5-Trichlorophenol	84.5	50	110
	272062		2510731	2,4,6-Trichlorophenol	88.2	53	115
	272062		2510747	2,4,6-Trichlorophenol	88.2	53	115
	272062		2510731	2,4-Dimethylphenol	94.8	47	110
	272062		2510747	2,4-Dimethylphenol	94.8	47	110
	272062		2510731	2,4-Dinitrophenol	80.2	56	140
	272062		2510747	2,4-Dinitrophenol	80.2	56	140
	272062		2510731	2,4-Dinitrotoluene	88.8	69	120
	272062		2510747	2,4-Dinitrotoluene	88.8	69	120
	272062		2510731	2,6-Dinitrotoluene	90.5	69	115
	272062		2510747	2,6-Dinitrotoluene	90.5	69	115
	272062		2510731	2-Chloronaphthalene	89.2	35	105
	272062		2510747	2-Chloronaphthalene	89.2	35	105
	272062		2510731	2-Chlorophenol	101	51	105
	272062		2510747	2-Chlorophenol	101	51	105
	272062		2510747	2-Methylnaphthalene	93	57	105
	272062		2510731	2-Methylnaphthalene	93	57	105
	272062		2510747	2-Methylphenol	76	47	110
	272062		2510731	2-Methylphenol	76	47	110

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	272062	WATER	2510731	2-Nitroaniline	79.5	66	115
	272062		2510747	2-Nitroaniline	79.5	66	115
	272062		2510747	2-Nitrophenol	99	48	115
	272062		2510731	2-Nitrophenol	99	48	115
	272062		2510747	3,3'-Dichlorobenzidine	94.5	55	110
	272062		2510731	3,3'-Dichlorobenzidine	94.5	55	110
	272062		2510747	3-Nitroaniline	113	61	125
	272062		2510731	3-Nitroaniline	113	61	125
	272062		2510731	4,6-Dinitro-2-methylphenol	84.5	44	130
	272062		2510747	4,6-Dinitro-2-methylphenol	84.5	44	130
	272062		2510747	4-Bromophenyl phenyl ether	98.8	54	113
	272062		2510731	4-Bromophenyl phenyl ether	98.8	54	113
	272062		2510747	4-Chloro-3-methylphenol	84.5	55	110
	272062		2510731	4-Chloro-3-methylphenol	84.5	55	110
	272062		2510747	4-Chloroaniline	98	52	110
	272062		2510731	4-Chloroaniline	98	52	110
	272062		2510731	4-Chlorophenyl phenyl ether	92	60	110
	272062		2510747	4-Chlorophenyl phenyl ether	92	60	110
	272062		2510747	**4-Methylphenol**	**150**	**37**	**110**
	272062		2510731	**4-Methylphenol**	**150**	**37**	**110**
	272062		2510747	**4-Nitroaniline**	**126**	**67**	**120**
	272062		2510731	**4-Nitroaniline**	**126**	**67**	**120**
	272062		2510747	4-Nitrophenol	42.5	27	80
	272062		2510731	4-Nitrophenol	42.5	27	80
	272062		2510731	Acenaphthene	95.8	60	110
	272062		2510747	Acenaphthene	95.8	60	110
	272062		2510747	Acenaphthylene	99.8	58	105
	272062		2510731	Acenaphthylene	99.8	58	105
	272062		2510747	Anthracene	95.5	63	110
	272062		2510731	Anthracene	95.5	63	110
	272062		2510747	Benzidine	0	0	98
	272062		2510731	Benzidine	0	0	98
	272062		2510731	Benzo (a) anthracene	95.2	63	110
	272062		2510747	Benzo (a) anthracene	95.2	63	110
	272062		2510747	Benzo (a) pyrene	95.8	60	110
	272062		2510731	Benzo (a) pyrene	95.8	60	110
	272062		2510747	Benzo (b) fluoranthene	107	60	120
	272062		2510731	Benzo (b) fluoranthene	107	60	120
	272062		2510731	Benzo (g,h,i) perylene	105	40	125
	272062		2510747	Benzo (g,h,i) perylene	105	40	125
	272062		2510731	Benzo (k) fluoranthene	102	54	125
	272062		2510747	Benzo (k) fluoranthene	102	54	125

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	272062	WATER	2510747	**Benzoic acid**	**0**	**10**	**60**
	272062		2510731	**Benzoic acid**	**0**	**10**	**60**
	272062		2510731	Bis (2-chloroethoxy) methane	86	61	105
	272062		2510747	Bis (2-chloroethoxy) methane	86	61	105
	272062		2510747	Bis (2-chloroethyl) ether	89.8	62	110
	272062		2510731	Bis (2-chloroethyl) ether	89.8	62	110
	272062		2510731	Bis (2-ethylhexyl) phthalate	97	63	125
	272062		2510747	Bis (2-ethylhexyl) phthalate	97	63	125
	272062		2510731	Butyl benzylphthalate	99.5	64	115
	272062		2510747	Butyl benzylphthalate	99.5	64	115
	272062		2510747	Chrysene	96.2	60	110
	272062		2510731	Chrysene	96.2	60	110
	272062		2510731	Dibenzo (a,h) anthracene	104	41	125
	272062		2510747	Dibenzo (a,h) anthracene	104	41	125
	272062		2510731	Dibenzofuran	93.8	64	105
	272062		2510747	Dibenzofuran	93.8	64	105
	272062		2510731	Diethyl phthalate	95.2	64	120
	272062		2510747	Diethyl phthalate	95.2	64	120
	272062		2510747	Dimethyl phthalate	92.8	62	125
	272062		2510731	Dimethyl phthalate	92.8	62	125
	272062		2510731	Di-n-butylphthalate	101	65	115
	272062		2510747	Di-n-butylphthalate	101	65	115
	272062		2510731	Di-n-octylphthalate	99	57	135
	272062		2510747	Di-n-octylphthalate	99	57	135
	272062		2510731	Fluoranthene	97	64	115
	272062		2510747	Fluoranthene	97	64	115
	272062		2510747	Fluorene	93.2	62	110
	272062		2510731	Fluorene	93.2	62	110
	272062		2510747	Hexachlorobenzene	85.2	68	110
	272062		2510731	Hexachlorobenzene	85.2	68	110
	272062		2510747	Hexachlorobutadiene	62.5	42	105
	272062		2510731	Hexachlorobutadiene	62.5	42	105
	272062		2510731	Hexachlorocyclopentadiene	62.8	27	139
	272062		2510747	Hexachlorocyclopentadiene	62.8	27	139
	272062		2510747	Hexachloroethane	85.2	32	95
	272062		2510731	Hexachloroethane	85.2	32	95
	272062		2510731	Indeno (1,2,3-c,d) pyrene	96.5	45	125
	272062		2510747	Indeno (1,2,3-c,d) pyrene	96.5	45	125
	272062		2510731	Naphthalene	91.2	50	100
	272062		2510747	Naphthalene	91.2	50	100
	272062		2510731	Nitrobenzene	72	61	110
	272062		2510747	Nitrobenzene	72	61	110

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	272062	WATER	2510731	n-Nitrosodi-n-propylamine	80	57	120
	272062		2510747	n-Nitrosodi-n-propylamine	80	57	120
	272062		2510747	n-Nitrosodiphenylamine	94.5	71	110
	272062		2510731	n-Nitrosodiphenylamine	94.5	71	110
	272062		2510747	Pentachlorophenol	99.5	41	115
	272062		2510731	Pentachlorophenol	99.5	41	115
	272062		2510731	Phenanthrene	95	61	115
	272062		2510747	Phenanthrene	95	61	115
	272062		2510747	Phenol	47	30	74
	272062		2510731	Phenol	47	30	74
	272062		2510747	Pyrene	96.5	62	130
	272062		2510731	Pyrene	96.5	62	130
	D8K030000136C		D8J310209	1,2-Dichlorobenzene	64	40	100
	D8K030000136C		D8J290148	1,2-Dichlorobenzene	64	40	100
	D8K030000136C		D8J300183	1,2-Dichlorobenzene	64	40	100
	D8K030000136C		D8J290148	1,2-Diphenylhydrazine	82	55	120
	D8K030000136C		D8J300183	1,2-Diphenylhydrazine	82	55	120
	D8K030000136C		D8J310209	1,2-Diphenylhydrazine	82	55	120
	D8K030000136C		D8J310209	2,4,5-Trichlorophenol	89	50	110
	D8K030000136C		D8J300183	2,4,5-Trichlorophenol	89	50	110
	D8K030000136C		D8J290148	2,4,5-Trichlorophenol	89	50	110
	D8K030000136C		D8J300183	2,4,6-Trichlorophenol	94	53	115
	D8K030000136C		D8J310209	2,4,6-Trichlorophenol	94	53	115
	D8K030000136C		D8J290148	2,4,6-Trichlorophenol	94	53	115
	D8K030000136C		D8J300183	2,4-Dichlorophenol	94	59	120
	D8K030000136C		D8J290148	2,4-Dichlorophenol	94	59	120
	D8K030000136C		D8J310209	2,4-Dichlorophenol	94	59	120
	D8K030000136C		D8J310209	2,4-Dimethylphenol	88	47	110
	D8K030000136C		D8J300183	2,4-Dimethylphenol	88	47	110
	D8K030000136C		D8J290148	2,4-Dimethylphenol	88	47	110
	D8K030000136C		D8J300183	2,4-Dinitrophenol	68	56	140
	D8K030000136C		D8J310209	2,4-Dinitrophenol	68	56	140
	D8K030000136C		D8J290148	2,4-Dinitrophenol	68	56	140
	D8K030000136C		D8J310209	2,4-Dinitrotoluene	83	69	120
	D8K030000136C		D8J290148	2,4-Dinitrotoluene	83	69	120
	D8K030000136C		D8J300183	2,4-Dinitrotoluene	83	69	120
	D8K030000136C		D8J310209	2,6-Dinitrotoluene	78	69	115
	D8K030000136C		D8J300183	2,6-Dinitrotoluene	78	69	115
	D8K030000136C		D8J290148	2,6-Dinitrotoluene	78	69	115
	D8K030000136C		D8J290148	2-Chloronaphthalene	76	35	105
	D8K030000136C		D8J310209	2-Chloronaphthalene	76	35	105
	D8K030000136C		D8J300183	2-Chloronaphthalene	76	35	105

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	D8K030000136C	WATER	D8J300183	2-Chlorophenol	88	51	105
	D8K030000136C		D8J290148	2-Chlorophenol	88	51	105
	D8K030000136C		D8J310209	2-Chlorophenol	88	51	105
	D8K030000136C		D8J290148	2-Methylnaphthalene	73	57	105
	D8K030000136C		D8J310209	2-Methylnaphthalene	73	57	105
	D8K030000136C		D8J300183	2-Methylnaphthalene	73	57	105
	D8K030000136C		D8J310209	2-Methylphenol	83	47	110
	D8K030000136C		D8J290148	2-Methylphenol	83	47	110
	D8K030000136C		D8J300183	2-Methylphenol	83	47	110
	D8K030000136C		D8J300183	2-Nitroaniline	86	66	115
	D8K030000136C		D8J310209	2-Nitroaniline	86	66	115
	D8K030000136C		D8J290148	2-Nitroaniline	86	66	115
	D8K030000136C		D8J290148	2-Nitrophenol	100	48	115
	D8K030000136C		D8J300183	2-Nitrophenol	100	48	115
	D8K030000136C		D8J310209	2-Nitrophenol	100	48	115
	D8K030000136C		D8J300183	3 & 4-Methylphenol	89	54	120
	D8K030000136C		D8J310209	3 & 4-Methylphenol	89	54	120
	D8K030000136C		D8J290148	3 & 4-Methylphenol	89	54	120
	D8K030000136C		D8J300183	3,3'-Dichlorobenzidine	60	55	110
	D8K030000136C		D8J310209	3,3'-Dichlorobenzidine	60	55	110
	D8K030000136C		D8J290148	3,3'-Dichlorobenzidine	60	55	110
	D8K030000136C		D8J310209	3-Nitroaniline	80	61	125
	D8K030000136C		D8J300183	3-Nitroaniline	80	61	125
	D8K030000136C		D8J290148	3-Nitroaniline	80	61	125
	D8K030000136C		D8J300183	4,6-Dinitro-2-methylphenol	82	44	130
	D8K030000136C		D8J310209	4,6-Dinitro-2-methylphenol	82	44	130
	D8K030000136C		D8J290148	4,6-Dinitro-2-methylphenol	82	44	130
	D8K030000136C		D8J290148	4-Bromophenyl phenyl ether	87	54	113
	D8K030000136C		D8J310209	4-Bromophenyl phenyl ether	87	54	113
	D8K030000136C		D8J300183	4-Bromophenyl phenyl ether	87	54	113
	D8K030000136C		D8J290148	4-Chloro-3-methylphenol	91	55	110
	D8K030000136C		D8J300183	4-Chloro-3-methylphenol	91	55	110
	D8K030000136C		D8J310209	4-Chloro-3-methylphenol	91	55	110
	D8K030000136C		D8J300183	4-Chloroaniline	82	52	110
	D8K030000136C		D8J310209	4-Chloroaniline	82	52	110
	D8K030000136C		D8J290148	4-Chloroaniline	82	52	110
	D8K030000136C		D8J300183	4-Chlorophenyl phenyl ether	85	60	110
	D8K030000136C		D8J310209	4-Chlorophenyl phenyl ether	85	60	110
	D8K030000136C		D8J290148	4-Chlorophenyl phenyl ether	85	60	110
	D8K030000136C		D8J290148	4-Nitroaniline	84	67	120
	D8K030000136C		D8J300183	4-Nitroaniline	84	67	120
	D8K030000136C		D8J310209	4-Nitroaniline	84	67	120

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	D8K030000136C	WATER	D8J300183	**4-Nitrophenol**	**96**	**27**	**80**
	D8K030000136C		D8J310209	**4-Nitrophenol**	**96**	**27**	**80**
	D8K030000136C		D8J290148	**4-Nitrophenol**	**96**	**27**	**80**
	D8K030000136C		D8J310209	Acenaphthene	81	60	110
	D8K030000136C		D8J300183	Acenaphthene	81	60	110
	D8K030000136C		D8J290148	Acenaphthene	81	60	110
	D8K030000136C		D8J310209	Acenaphthylene	83	58	105
	D8K030000136C		D8J290148	Acenaphthylene	83	58	105
	D8K030000136C		D8J300183	Acenaphthylene	83	58	105
	D8K030000136C		D8J300183	Anthracene	83	63	110
	D8K030000136C		D8J310209	Anthracene	83	63	110
	D8K030000136C		D8J290148	Anthracene	83	63	110
	D8K030000136C		D8J290148	Benzo (a) anthracene	77	63	110
	D8K030000136C		D8J310209	Benzo (a) anthracene	77	63	110
	D8K030000136C		D8J300183	Benzo (a) anthracene	77	63	110
	D8K030000136C		D8J300183	Benzo (a) pyrene	68	60	110
	D8K030000136C		D8J290148	Benzo (a) pyrene	68	60	110
	D8K030000136C		D8J310209	Benzo (a) pyrene	68	60	110
	D8K030000136C		D8J300183	Benzo (b) fluoranthene	72	60	120
	D8K030000136C		D8J290148	Benzo (b) fluoranthene	72	60	120
	D8K030000136C		D8J310209	Benzo (b) fluoranthene	72	60	120
	D8K030000136C		D8J290148	Benzo (g,h,i) perylene	76	40	125
	D8K030000136C		D8J300183	Benzo (g,h,i) perylene	76	40	125
	D8K030000136C		D8J310209	Benzo (g,h,i) perylene	76	40	125
	D8K030000136C		D8J310209	Benzo (k) fluoranthene	86	54	125
	D8K030000136C		D8J290148	Benzo (k) fluoranthene	86	54	125
	D8K030000136C		D8J300183	Benzo (k) fluoranthene	86	54	125
	D8K030000136C		D8J290148	Benzoic acid	49	10	60
	D8K030000136C		D8J310209	Benzoic acid	49	10	60
	D8K030000136C		D8J300183	Benzoic acid	49	10	60
	D8K030000136C		D8J300183	Bis (2-chloroethoxy) methane	82	61	105
	D8K030000136C		D8J290148	Bis (2-chloroethoxy) methane	82	61	105
	D8K030000136C		D8J310209	Bis (2-chloroethoxy) methane	82	61	105
	D8K030000136C		D8J310209	Bis (2-chloroethyl) ether	82	62	110
	D8K030000136C		D8J290148	Bis (2-chloroethyl) ether	82	62	110
	D8K030000136C		D8J300183	Bis (2-chloroethyl) ether	82	62	110
	D8K030000136C		D8J310209	Bis (2-ethylhexyl) phthalate	77	63	125
	D8K030000136C		D8J300183	Bis (2-ethylhexyl) phthalate	77	63	125
	D8K030000136C		D8J290148	Bis (2-ethylhexyl) phthalate	77	63	125
	D8K030000136C		D8J300183	Butyl benzylphthalate	75	64	115
	D8K030000136C		D8J290148	Butyl benzylphthalate	75	64	115
	D8K030000136C		D8J310209	Butyl benzylphthalate	75	64	115

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	D8K030000136C	WATER	D8J310209	Chrysene	76	60	110
	D8K030000136C		D8J290148	Chrysene	76	60	110
	D8K030000136C		D8J300183	Chrysene	76	60	110
	D8K030000136C		D8J310209	Dibenzo (a,h) anthracene	75	41	125
	D8K030000136C		D8J300183	Dibenzo (a,h) anthracene	75	41	125
	D8K030000136C		D8J290148	Dibenzo (a,h) anthracene	75	41	125
	D8K030000136C		D8J300183	Dibenzofuran	86	64	105
	D8K030000136C		D8J310209	Dibenzofuran	86	64	105
	D8K030000136C		D8J290148	Dibenzofuran	86	64	105
	D8K030000136C		D8J300183	Diethyl phthalate	92	64	120
	D8K030000136C		D8J310209	Diethyl phthalate	92	64	120
	D8K030000136C		D8J290148	Diethyl phthalate	92	64	120
	D8K030000136C		D8J310209	Dimethyl phthalate	87	62	125
	D8K030000136C		D8J290148	Dimethyl phthalate	87	62	125
	D8K030000136C		D8J300183	Dimethyl phthalate	87	62	125
	D8K030000136C		D8J290148	Di-n-butylphthalate	84	65	115
	D8K030000136C		D8J300183	Di-n-butylphthalate	84	65	115
	D8K030000136C		D8J310209	Di-n-butylphthalate	84	65	115
	D8K030000136C		D8J290148	Di-n-octylphthalate	72	57	135
	D8K030000136C		D8J300183	Di-n-octylphthalate	72	57	135
	D8K030000136C		D8J310209	Di-n-octylphthalate	72	57	135
	D8K030000136C		D8J290148	Fluoranthene	89	64	115
	D8K030000136C		D8J310209	Fluoranthene	89	64	115
	D8K030000136C		D8J300183	Fluoranthene	89	64	115
	D8K030000136C		D8J300183	Fluorene	84	62	110
	D8K030000136C		D8J290148	Fluorene	84	62	110
	D8K030000136C		D8J310209	Fluorene	84	62	110
	D8K030000136C		D8J290148	Hexachlorobenzene	89	68	110
	D8K030000136C		D8J310209	Hexachlorobenzene	89	68	110
	D8K030000136C		D8J300183	Hexachlorobenzene	89	68	110
	D8K030000136C		D8J310209	Hexachlorobutadiene	58	42	105
	D8K030000136C		D8J290148	Hexachlorobutadiene	58	42	105
	D8K030000136C		D8J300183	Hexachlorobutadiene	58	42	105
	D8K030000136C		D8J290148	Hexachlorocyclopentadiene	47	27	139
	D8K030000136C		D8J310209	Hexachlorocyclopentadiene	47	27	139
	D8K030000136C		D8J300183	Hexachlorocyclopentadiene	47	27	139
	D8K030000136C		D8J300183	Hexachloroethane	52	32	95
	D8K030000136C		D8J310209	Hexachloroethane	52	32	95
	D8K030000136C		D8J290148	Hexachloroethane	52	32	95
	D8K030000136C		D8J310209	Indeno (1,2,3-c,d) pyrene	73	45	125
	D8K030000136C		D8J300183	Indeno (1,2,3-c,d) pyrene	73	45	125
	D8K030000136C		D8J290148	Indeno (1,2,3-c,d) pyrene	73	45	125

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	D8K030000136C	WATER	D8J310209	Naphthalene	73	50	100
	D8K030000136C		D8J300183	Naphthalene	73	50	100
	D8K030000136C		D8J290148	Naphthalene	73	50	100
	D8K030000136C		D8J300183	Nitrobenzene	88	61	110
	D8K030000136C		D8J310209	Nitrobenzene	88	61	110
	D8K030000136C		D8J290148	Nitrobenzene	88	61	110
	D8K030000136C		D8J310209	n-Nitrosodi-n-propylamine	86	57	120
	D8K030000136C		D8J290148	n-Nitrosodi-n-propylamine	86	57	120
	D8K030000136C		D8J300183	n-Nitrosodi-n-propylamine	86	57	120
	D8K030000136C		D8J310209	**n-Nitrosodiphenylamine**	**68**	**71**	**110**
	D8K030000136C		D8J300183	**n-Nitrosodiphenylamine**	**68**	**71**	**110**
	D8K030000136C		D8J290148	**n-Nitrosodiphenylamine**	**68**	**71**	**110**
	D8K030000136C		D8J310209	Pentachlorophenol	78	41	115
	D8K030000136C		D8J300183	Pentachlorophenol	78	41	115
	D8K030000136C		D8J290148	Pentachlorophenol	78	41	115
	D8K030000136C		D8J310209	Phenanthrene	86	61	115
	D8K030000136C		D8J290148	Phenanthrene	86	61	115
	D8K030000136C		D8J300183	Phenanthrene	86	61	115
	D8K030000136C		D8J290148	**Phenol**	**88**	**30**	**74**
	D8K030000136C		D8J310209	**Phenol**	**88**	**30**	**74**
	D8K030000136C		D8J300183	**Phenol**	**88**	**30**	**74**
	D8K030000136C		D8J290148	Pyrene	75	62	130
	D8K030000136C		D8J310209	Pyrene	75	62	130
	D8K030000136C		D8J300183	Pyrene	75	62	130
	D8K030000136L		D8J310209	1,2-Dichlorobenzene	68	40	100
	D8K030000136L		D8J290148	1,2-Dichlorobenzene	68	40	100
	D8K030000136L		D8J300183	1,2-Dichlorobenzene	68	40	100
	D8K030000136L		D8J290148	1,2-Diphenylhydrazine	78	55	120
	D8K030000136L		D8J310209	1,2-Diphenylhydrazine	78	55	120
	D8K030000136L		D8J300183	1,2-Diphenylhydrazine	78	55	120
	D8K030000136L		D8J310209	2,4,5-Trichlorophenol	90	50	110
	D8K030000136L		D8J300183	2,4,5-Trichlorophenol	90	50	110
	D8K030000136L		D8J290148	2,4,5-Trichlorophenol	90	50	110
	D8K030000136L		D8J290148	2,4,6-Trichlorophenol	93	53	115
	D8K030000136L		D8J310209	2,4,6-Trichlorophenol	93	53	115
	D8K030000136L		D8J300183	2,4,6-Trichlorophenol	93	53	115
	D8K030000136L		D8J290148	2,4-Dichlorophenol	89	59	120
	D8K030000136L		D8J310209	2,4-Dichlorophenol	89	59	120
	D8K030000136L		D8J300183	2,4-Dichlorophenol	89	59	120
	D8K030000136L		D8J310209	2,4-Dimethylphenol	88	47	110
	D8K030000136L		D8J290148	2,4-Dimethylphenol	88	47	110
	D8K030000136L		D8J300183	2,4-Dimethylphenol	88	47	110

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	D8K030000136L	WATER	D8J310209	2,4-Dinitrophenol	69	56	140
	D8K030000136L		D8J290148	2,4-Dinitrophenol	69	56	140
	D8K030000136L		D8J300183	2,4-Dinitrophenol	69	56	140
	D8K030000136L		D8J290148	2,4-Dinitrotoluene	85	69	120
	D8K030000136L		D8J310209	2,4-Dinitrotoluene	85	69	120
	D8K030000136L		D8J300183	2,4-Dinitrotoluene	85	69	120
	D8K030000136L		D8J300183	2,6-Dinitrotoluene	78	69	115
	D8K030000136L		D8J290148	2,6-Dinitrotoluene	78	69	115
	D8K030000136L		D8J310209	2,6-Dinitrotoluene	78	69	115
	D8K030000136L		D8J310209	2-Chloronaphthalene	74	35	105
	D8K030000136L		D8J290148	2-Chloronaphthalene	74	35	105
	D8K030000136L		D8J300183	2-Chloronaphthalene	74	35	105
	D8K030000136L		D8J290148	2-Chlorophenol	83	51	105
	D8K030000136L		D8J300183	2-Chlorophenol	83	51	105
	D8K030000136L		D8J310209	2-Chlorophenol	83	51	105
	D8K030000136L		D8J310209	2-Methylnaphthalene	71	57	105
	D8K030000136L		D8J290148	2-Methylnaphthalene	71	57	105
	D8K030000136L		D8J300183	2-Methylnaphthalene	71	57	105
	D8K030000136L		D8J300183	2-Methylphenol	78	47	110
	D8K030000136L		D8J310209	2-Methylphenol	78	47	110
	D8K030000136L		D8J290148	2-Methylphenol	78	47	110
	D8K030000136L		D8J300183	2-Nitroaniline	89	66	115
	D8K030000136L		D8J290148	2-Nitroaniline	89	66	115
	D8K030000136L		D8J310209	2-Nitroaniline	89	66	115
	D8K030000136L		D8J300183	2-Nitrophenol	97	48	115
	D8K030000136L		D8J290148	2-Nitrophenol	97	48	115
	D8K030000136L		D8J310209	2-Nitrophenol	97	48	115
	D8K030000136L		D8J300183	3 & 4-Methylphenol	84	54	120
	D8K030000136L		D8J290148	3 & 4-Methylphenol	84	54	120
	D8K030000136L		D8J310209	3 & 4-Methylphenol	84	54	120
	D8K030000136L		D8J310209	3,3'-Dichlorobenzidine	59	55	110
	D8K030000136L		D8J300183	3,3'-Dichlorobenzidine	59	55	110
	D8K030000136L		D8J290148	3,3'-Dichlorobenzidine	59	55	110
	D8K030000136L		D8J290148	3-Nitroaniline	83	61	125
	D8K030000136L		D8J300183	3-Nitroaniline	83	61	125
	D8K030000136L		D8J310209	3-Nitroaniline	83	61	125
	D8K030000136L		D8J310209	4,6-Dinitro-2-methylphenol	84	44	130
	D8K030000136L		D8J290148	4,6-Dinitro-2-methylphenol	84	44	130
	D8K030000136L		D8J300183	4,6-Dinitro-2-methylphenol	84	44	130
	D8K030000136L		D8J290148	4-Bromophenyl phenyl ether	80	54	113
	D8K030000136L		D8J310209	4-Bromophenyl phenyl ether	80	54	113
	D8K030000136L		D8J300183	4-Bromophenyl phenyl ether	80	54	113

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	D8K030000136L	WATER	D8J290148	4-Chloro-3-methylphenol	89	55	110
	D8K030000136L		D8J300183	4-Chloro-3-methylphenol	89	55	110
	D8K030000136L		D8J310209	4-Chloro-3-methylphenol	89	55	110
	D8K030000136L		D8J290148	4-Chloroaniline	75	52	110
	D8K030000136L		D8J300183	4-Chloroaniline	75	52	110
	D8K030000136L		D8J310209	4-Chloroaniline	75	52	110
	D8K030000136L		D8J300183	4-Chlorophenyl phenyl ether	81	60	110
	D8K030000136L		D8J310209	4-Chlorophenyl phenyl ether	81	60	110
	D8K030000136L		D8J290148	4-Chlorophenyl phenyl ether	81	60	110
	D8K030000136L		D8J310209	4-Nitroaniline	84	67	120
	D8K030000136L		D8J290148	4-Nitroaniline	84	67	120
	D8K030000136L		D8J300183	4-Nitroaniline	84	67	120
	D8K030000136L		D8J300183	**4-Nitrophenol**	**83**	**27**	**80**
	D8K030000136L		D8J310209	**4-Nitrophenol**	**83**	**27**	**80**
	D8K030000136L		D8J290148	**4-Nitrophenol**	**83**	**27**	**80**
	D8K030000136L		D8J290148	Acenaphthene	79	60	110
	D8K030000136L		D8J300183	Acenaphthene	79	60	110
	D8K030000136L		D8J310209	Acenaphthene	79	60	110
	D8K030000136L		D8J310209	Acenaphthylene	81	58	105
	D8K030000136L		D8J290148	Acenaphthylene	81	58	105
	D8K030000136L		D8J300183	Acenaphthylene	81	58	105
	D8K030000136L		D8J310209	Anthracene	77	63	110
	D8K030000136L		D8J290148	Anthracene	77	63	110
	D8K030000136L		D8J300183	Anthracene	77	63	110
	D8K030000136L		D8J300183	Benzo (a) anthracene	74	63	110
	D8K030000136L		D8J290148	Benzo (a) anthracene	74	63	110
	D8K030000136L		D8J310209	Benzo (a) anthracene	74	63	110
	D8K030000136L		D8J310209	Benzo (a) pyrene	64	60	110
	D8K030000136L		D8J290148	Benzo (a) pyrene	64	60	110
	D8K030000136L		D8J300183	Benzo (a) pyrene	64	60	110
	D8K030000136L		D8J290148	Benzo (b) fluoranthene	73	60	120
	D8K030000136L		D8J300183	Benzo (b) fluoranthene	73	60	120
	D8K030000136L		D8J310209	Benzo (b) fluoranthene	73	60	120
	D8K030000136L		D8J300183	Benzo (g,h,i) perylene	73	40	125
	D8K030000136L		D8J310209	Benzo (g,h,i) perylene	73	40	125
	D8K030000136L		D8J290148	Benzo (g,h,i) perylene	73	40	125
	D8K030000136L		D8J300183	Benzo (k) fluoranthene	77	54	125
	D8K030000136L		D8J290148	Benzo (k) fluoranthene	77	54	125
	D8K030000136L		D8J310209	Benzo (k) fluoranthene	77	54	125
	D8K030000136L		D8J300183	Benzoic acid	44	10	60
	D8K030000136L		D8J310209	Benzoic acid	44	10	60
	D8K030000136L		D8J290148	Benzoic acid	44	10	60

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	D8K030000136L	WATER	D8J310209	Bis (2-chloroethoxy) methane	81	61	105
	D8K030000136L		D8J290148	Bis (2-chloroethoxy) methane	81	61	105
	D8K030000136L		D8J300183	Bis (2-chloroethoxy) methane	81	61	105
	D8K030000136L		D8J290148	Bis (2-chloroethyl) ether	87	62	110
	D8K030000136L		D8J300183	Bis (2-chloroethyl) ether	87	62	110
	D8K030000136L		D8J310209	Bis (2-chloroethyl) ether	87	62	110
	D8K030000136L		D8J310209	Bis (2-ethylhexyl) phthalate	73	63	125
	D8K030000136L		D8J300183	Bis (2-ethylhexyl) phthalate	73	63	125
	D8K030000136L		D8J290148	Bis (2-ethylhexyl) phthalate	73	63	125
	D8K030000136L		D8J290148	Butyl benzylphthalate	72	64	115
	D8K030000136L		D8J310209	Butyl benzylphthalate	72	64	115
	D8K030000136L		D8J300183	Butyl benzylphthalate	72	64	115
	D8K030000136L		D8J290148	Chrysene	71	60	110
	D8K030000136L		D8J300183	Chrysene	71	60	110
	D8K030000136L		D8J310209	Chrysene	71	60	110
	D8K030000136L		D8J290148	Dibenzo (a,h) anthracene	71	41	125
	D8K030000136L		D8J310209	Dibenzo (a,h) anthracene	71	41	125
	D8K030000136L		D8J300183	Dibenzo (a,h) anthracene	71	41	125
	D8K030000136L		D8J290148	Dibenzofuran	81	64	105
	D8K030000136L		D8J300183	Dibenzofuran	81	64	105
	D8K030000136L		D8J310209	Dibenzofuran	81	64	105
	D8K030000136L		D8J310209	Diethyl phthalate	91	64	120
	D8K030000136L		D8J290148	Diethyl phthalate	91	64	120
	D8K030000136L		D8J300183	Diethyl phthalate	91	64	120
	D8K030000136L		D8J290148	Dimethyl phthalate	87	62	125
	D8K030000136L		D8J310209	Dimethyl phthalate	87	62	125
	D8K030000136L		D8J300183	Dimethyl phthalate	87	62	125
	D8K030000136L		D8J300183	Di-n-butylphthalate	79	65	115
	D8K030000136L		D8J290148	Di-n-butylphthalate	79	65	115
	D8K030000136L		D8J310209	Di-n-butylphthalate	79	65	115
	D8K030000136L		D8J300183	Di-n-octylphthalate	70	57	135
	D8K030000136L		D8J290148	Di-n-octylphthalate	70	57	135
	D8K030000136L		D8J310209	Di-n-octylphthalate	70	57	135
	D8K030000136L		D8J300183	Fluoranthene	81	64	115
	D8K030000136L		D8J290148	Fluoranthene	81	64	115
	D8K030000136L		D8J310209	Fluoranthene	81	64	115
	D8K030000136L		D8J310209	Fluorene	79	62	110
	D8K030000136L		D8J300183	Fluorene	79	62	110
	D8K030000136L		D8J290148	Fluorene	79	62	110
	D8K030000136L		D8J290148	Hexachlorobenzene	82	68	110
	D8K030000136L		D8J310209	Hexachlorobenzene	82	68	110
	D8K030000136L		D8J300183	Hexachlorobenzene	82	68	110

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	D8K030000136L	WATER	D8J290148	Hexachlorobutadiene	66	42	105
	D8K030000136L		D8J300183	Hexachlorobutadiene	66	42	105
	D8K030000136L		D8J310209	Hexachlorobutadiene	66	42	105
	D8K030000136L		D8J300183	Hexachlorocyclopentadiene	51	27	139
	D8K030000136L		D8J310209	Hexachlorocyclopentadiene	51	27	139
	D8K030000136L		D8J290148	Hexachlorocyclopentadiene	51	27	139
	D8K030000136L		D8J310209	Hexachloroethane	60	32	95
	D8K030000136L		D8J300183	Hexachloroethane	60	32	95
	D8K030000136L		D8J290148	Hexachloroethane	60	32	95
	D8K030000136L		D8J300183	Indeno (1,2,3-c,d) pyrene	69	45	125
	D8K030000136L		D8J290148	Indeno (1,2,3-c,d) pyrene	69	45	125
	D8K030000136L		D8J310209	Indeno (1,2,3-c,d) pyrene	69	45	125
	D8K030000136L		D8J290148	Naphthalene	72	50	100
	D8K030000136L		D8J300183	Naphthalene	72	50	100
	D8K030000136L		D8J310209	Naphthalene	72	50	100
	D8K030000136L		D8J290148	Nitrobenzene	84	61	110
	D8K030000136L		D8J310209	Nitrobenzene	84	61	110
	D8K030000136L		D8J300183	Nitrobenzene	84	61	110
	D8K030000136L		D8J310209	n-Nitrosodi-n-propylamine	85	57	120
	D8K030000136L		D8J300183	n-Nitrosodi-n-propylamine	85	57	120
	D8K030000136L		D8J290148	n-Nitrosodi-n-propylamine	85	57	120
	D8K030000136L		D8J290148	**n-Nitrosodiphenylamine**	**66**	**71**	**110**
	D8K030000136L		D8J310209	**n-Nitrosodiphenylamine**	**66**	**71**	**110**
	D8K030000136L		D8J300183	**n-Nitrosodiphenylamine**	**66**	**71**	**110**
	D8K030000136L		D8J290148	Pentachlorophenol	72	41	115
	D8K030000136L		D8J310209	Pentachlorophenol	72	41	115
	D8K030000136L		D8J300183	Pentachlorophenol	72	41	115
	D8K030000136L		D8J300183	Phenanthrene	81	61	115
	D8K030000136L		D8J290148	Phenanthrene	81	61	115
	D8K030000136L		D8J310209	Phenanthrene	81	61	115
	D8K030000136L		D8J300183	Phenol	74	30	74
	D8K030000136L		D8J290148	Phenol	74	30	74
	D8K030000136L		D8J310209	Phenol	74	30	74
	D8K030000136L		D8J300183	Pyrene	71	62	130
	D8K030000136L		D8J310209	Pyrene	71	62	130
	D8K030000136L		D8J290148	Pyrene	71	62	130
SW8310							
	271894	WATER	2510731	1-Methylnaphthalene	86	68	114
	271894		2510731	2-Methylnaphthalene	92	62	108
	271894		2510731	Acenaphthene	87	66	110
	271894		2510731	Acenaphthylene	84	62	110
	271894		2510731	Anthracene	86	76	112

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	271894	WATER	2510731	Benz(a)anthracene	85	69	110
	271894		2510731	Benzo(a)pyrene	86	69	116
	271894		2510731	Benzo(b)fluoranthene	83	71	109
	271894		2510731	Benzo(g,h,i)perylene	89	60	105
	271894		2510731	Benzo(k)fluoranthene	88	69	107
	271894		2510731	Chrysene	88	71	111
	271894		2510731	Dibenz(a,h)anthracene	86	62	109
	271894		2510731	Fluoranthene	88	69	111
	271894		2510731	Fluorene	87	66	105
	271894		2510731	Indeno(1,2,3-cd)pyrene	88	52	121
	271894		2510731	Naphthalene	88	65	113
	271894		2510731	Phenanthrene	88	67	112
	271894		2510731	Pyrene	89	69	110
	271895		2510731	1-Methylnaphthalene	86	68	114
	271895		2510731	2-Methylnaphthalene	92	62	108
	271895		2510731	Acenaphthene	88	66	110
	271895		2510731	Acenaphthylene	85	62	110
	271895		2510731	Anthracene	86	76	112
	271895		2510731	Benz(a)anthracene	84	69	110
	271895		2510731	Benzo(a)pyrene	86	69	116
	271895		2510731	Benzo(b)fluoranthene	83	71	109
	271895		2510731	Benzo(g,h,i)perylene	89	60	105
	271895		2510731	Benzo(k)fluoranthene	88	69	107
	271895		2510731	Chrysene	88	71	111
	271895		2510731	Dibenz(a,h)anthracene	84	62	109
	271895		2510731	Fluoranthene	88	69	111
	271895		2510731	Fluorene	88	66	105
	271895		2510731	Indeno(1,2,3-cd)pyrene	86	52	121
	271895		2510731	Naphthalene	88	65	113
	271895		2510731	Phenanthrene	88	67	112
	271895		2510731	Pyrene	89	69	110
	272102		2510747	1-Methylnaphthalene	77	68	114
	272102		2510747	2-Methylnaphthalene	83	62	108
	272102		2510747	Acenaphthene	80	66	110
	272102		2510747	Acenaphthylene	78	62	110
	272102		2510747	Anthracene	81	76	112
	272102		2510747	Benz(a)anthracene	80	69	110
	272102		2510747	Benzo(a)pyrene	80	69	116
	272102		2510747	Benzo(b)fluoranthene	79	71	109
	272102		2510747	Benzo(g,h,i)perylene	84	60	105
	272102		2510747	Benzo(k)fluoranthene	84	69	107
	272102		2510747	Chrysene	84	71	111

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	272102	WATER	2510747	Dibenz(a,h)anthracene	79	62	109
	272102		2510747	Fluoranthene	82	69	111
	272102		2510747	Fluorene	80	66	105
	272102		2510747	Indeno(1,2,3-cd)pyrene	83	52	121
	272102		2510747	Naphthalene	80	65	113
	272102		2510747	Phenanthrene	82	67	112
	272102		2510747	Pyrene	84	69	110
	272103		2510747	1-Methylnaphthalene	82	68	114
	272103		2510747	2-Methylnaphthalene	89	62	108
	272103		2510747	Acenaphthene	86	66	110
	272103		2510747	Acenaphthylene	83	62	110
	272103		2510747	Anthracene	87	76	112
	272103		2510747	Benz(a)anthracene	86	69	110
	272103		2510747	Benzo(a)pyrene	86	69	116
	272103		2510747	Benzo(b)fluoranthene	84	71	109
	272103		2510747	Benzo(g,h,i)perylene	90	60	105
	272103		2510747	Benzo(k)fluoranthene	89	69	107
	272103		2510747	Chrysene	90	71	111
	272103		2510747	Dibenz(a,h)anthracene	87	62	109
	272103		2510747	Fluoranthene	88	69	111
	272103		2510747	Fluorene	86	66	105
	272103		2510747	Indeno(1,2,3-cd)pyrene	88	52	121
	272103		2510747	Naphthalene	85	65	113
	272103		2510747	Phenanthrene	87	67	112
	272103		2510747	Pyrene	89	69	110
	D8K040000128C		D8J290148	Acenaphthene	99	66	110
	D8K040000128C		D8J310209	Acenaphthene	99	66	110
	D8K040000128C		D8J300183	Acenaphthene	99	66	110
	D8K040000128C		D8J290148	**Acenaphthylene**	**113**	**62**	**110**
	D8K040000128C		D8J310209	**Acenaphthylene**	**113**	**62**	**110**
	D8K040000128C		D8J300183	**Acenaphthylene**	**113**	**62**	**110**
	D8K040000128C		D8J290148	Anthracene	105	76	112
	D8K040000128C		D8J310209	Anthracene	105	76	112
	D8K040000128C		D8J300183	Anthracene	105	76	112
	D8K040000128C		D8J310209	Benz(a)anthracene	109	69	110
	D8K040000128C		D8J290148	Benz(a)anthracene	109	69	110
	D8K040000128C		D8J300183	Benz(a)anthracene	109	69	110
	D8K040000128C		D8J290148	Benzo(a)pyrene	113	69	116
	D8K040000128C		D8J310209	Benzo(a)pyrene	113	69	116
	D8K040000128C		D8J300183	Benzo(a)pyrene	113	69	116
	D8K040000128C		D8J290148	Benzo(b)fluoranthene	108	71	109
	D8K040000128C		D8J310209	Benzo(b)fluoranthene	108	71	109

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	D8K040000128C	WATER	D8J300183	Benzo(b)fluoranthene	108	71	109
	D8K040000128C		D8J290148	Benzo(g,h,i)perylene	99	60	105
	D8K040000128C		D8J300183	Benzo(g,h,i)perylene	99	60	105
	D8K040000128C		D8J310209	Benzo(g,h,i)perylene	99	60	105
	D8K040000128C		D8J300183	**Benzo(k)fluoranthene**	**111**	**69**	**107**
	D8K040000128C		D8J290148	**Benzo(k)fluoranthene**	**111**	**69**	**107**
	D8K040000128C		D8J310209	**Benzo(k)fluoranthene**	**111**	**69**	**107**
	D8K040000128C		D8J300183	Chrysene	110	71	111
	D8K040000128C		D8J290148	Chrysene	110	71	111
	D8K040000128C		D8J310209	Chrysene	110	71	111
	D8K040000128C		D8J310209	Dibenz(a,h)anthracene	102	62	109
	D8K040000128C		D8J290148	Dibenz(a,h)anthracene	102	62	109
	D8K040000128C		D8J300183	Dibenz(a,h)anthracene	102	62	109
	D8K040000128C		D8J290148	Fluoranthene	107	69	111
	D8K040000128C		D8J310209	Fluoranthene	107	69	111
	D8K040000128C		D8J300183	Fluoranthene	107	69	111
	D8K040000128C		D8J290148	Fluorene	102	66	105
	D8K040000128C		D8J310209	Fluorene	102	66	105
	D8K040000128C		D8J300183	Fluorene	102	66	105
	D8K040000128C		D8J290148	Indeno(1,2,3-cd)pyrene	104	52	121
	D8K040000128C		D8J310209	Indeno(1,2,3-cd)pyrene	104	52	121
	D8K040000128C		D8J300183	Indeno(1,2,3-cd)pyrene	104	52	121
	D8K040000128C		D8J300183	Naphthalene	96	65	113
	D8K040000128C		D8J310209	Naphthalene	96	65	113
	D8K040000128C		D8J290148	Naphthalene	96	65	113
	D8K040000128C		D8J310209	Phenanthrene	103	67	112
	D8K040000128C		D8J300183	Phenanthrene	103	67	112
	D8K040000128C		D8J290148	Phenanthrene	103	67	112
	D8K040000128C		D8J300183	**Pyrene**	**115**	**69**	**110**
	D8K040000128C		D8J290148	**Pyrene**	**115**	**69**	**110**
	D8K040000128C		D8J310209	**Pyrene**	**115**	**69**	**110**
	D8K040000128L		D8J310209	Acenaphthene	95	66	110
	D8K040000128L		D8J300183	Acenaphthene	95	66	110
	D8K040000128L		D8J290148	Acenaphthene	95	66	110
	D8K040000128L		D8J310209	Acenaphthylene	108	62	110
	D8K040000128L		D8J290148	Acenaphthylene	108	62	110
	D8K040000128L		D8J300183	Acenaphthylene	108	62	110
	D8K040000128L		D8J300183	Anthracene	99	76	112
	D8K040000128L		D8J310209	Anthracene	99	76	112
	D8K040000128L		D8J290148	Anthracene	99	76	112
	D8K040000128L		D8J300183	Benz(a)anthracene	103	69	110
	D8K040000128L		D8J290148	Benz(a)anthracene	103	69	110

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	D8K040000128L	WATER	D8J310209	Benz(a)anthracene	103	69	110
	D8K040000128L		D8J300183	Benzo(a)pyrene	107	69	116
	D8K040000128L		D8J310209	Benzo(a)pyrene	107	69	116
	D8K040000128L		D8J290148	Benzo(a)pyrene	107	69	116
	D8K040000128L		D8J300183	Benzo(b)fluoranthene	103	71	109
	D8K040000128L		D8J310209	Benzo(b)fluoranthene	103	71	109
	D8K040000128L		D8J290148	Benzo(b)fluoranthene	103	71	109
	D8K040000128L		D8J310209	Benzo(g,h,i)perylene	95	60	105
	D8K040000128L		D8J300183	Benzo(g,h,i)perylene	95	60	105
	D8K040000128L		D8J290148	Benzo(g,h,i)perylene	95	60	105
	D8K040000128L		D8J310209	Benzo(k)fluoranthene	106	69	107
	D8K040000128L		D8J300183	Benzo(k)fluoranthene	106	69	107
	D8K040000128L		D8J290148	Benzo(k)fluoranthene	106	69	107
	D8K040000128L		D8J310209	Chrysene	105	71	111
	D8K040000128L		D8J290148	Chrysene	105	71	111
	D8K040000128L		D8J300183	Chrysene	105	71	111
	D8K040000128L		D8J300183	Dibenz(a,h)anthracene	98	62	109
	D8K040000128L		D8J310209	Dibenz(a,h)anthracene	98	62	109
	D8K040000128L		D8J290148	Dibenz(a,h)anthracene	98	62	109
	D8K040000128L		D8J310209	Fluoranthene	102	69	111
	D8K040000128L		D8J300183	Fluoranthene	102	69	111
	D8K040000128L		D8J290148	Fluoranthene	102	69	111
	D8K040000128L		D8J310209	Fluorene	97	66	105
	D8K040000128L		D8J300183	Fluorene	97	66	105
	D8K040000128L		D8J290148	Fluorene	97	66	105
	D8K040000128L		D8J310209	Indeno(1,2,3-cd)pyrene	100	52	121
	D8K040000128L		D8J290148	Indeno(1,2,3-cd)pyrene	100	52	121
	D8K040000128L		D8J300183	Indeno(1,2,3-cd)pyrene	100	52	121
	D8K040000128L		D8J310209	Naphthalene	91	65	113
	D8K040000128L		D8J300183	Naphthalene	91	65	113
	D8K040000128L		D8J290148	Naphthalene	91	65	113
	D8K040000128L		D8J310209	Phenanthrene	98	67	112
	D8K040000128L		D8J290148	Phenanthrene	98	67	112
	D8K040000128L		D8J300183	Phenanthrene	98	67	112
	D8K040000128L		D8J310209	**Pyrene**	**112**	**69**	**110**
	D8K040000128L		D8J300183	**Pyrene**	**112**	**69**	**110**
	D8K040000128L		D8J290148	**Pyrene**	**112**	**69**	**110**

Bold formatting indicates recoveries below the lower control limit or above the upper control limit.

Table 7. Matrix Spike and Matrix Spike Duplicate Summary for Bulk Fuels Facility ST-106 Groundwater Samples

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
E300									
	ST106-GW-KAFB1063-29102008MS	WATER	D8J300183	MS	Nitrate	1	113	75	125
	ST106-GW-KAFB1063-29102008MSD	WATER		SD	Nitrate	1	113	75	125
SW6010B									
	ST106-GW-KAFB1064-28102008MS	WATER	D8J290148	MS	Iron, dissolved	1	103	89	116
	ST106-GW-KAFB1064-28102008MS	WATER		MS	Manganese, dissolved	1	101	90	110
	ST106-GW-KAFB1064-28102008MSD	WATER		SD	Iron, dissolved	1	102	89	116
	ST106-GW-KAFB1064-28102008MSD	WATER		SD	Manganese, dissolved	1	99	90	110

Bold formatting indicates recoveries below the lower control limit or above the upper control limit.

QA/QC Type

MS = Matrix Spike
SD = Matrix Spike Duplicate

THIS PAGE INTENTIONALLY LEFT BLANK

Data Quality Evaluation Report and Tables Groundwater Samples Collected January 20, 2009 and February 10, 2009.

CONTENTS

Section **Page**

1.0 INTRODUCTION 1

1.1 Analytical Data 1

2.0 DATA VERIFICATION RESULTS 2

2.1 Completeness Evaluation 2
2.1.1 Sampling Completeness 2
2.1.2 Analytical Completeness 2
2.2 Representativeness Evaluation 2
2.2.1 Holding Time and Preservation 2
2.2.2 Method Blank Samples 2
2.2.3 Field Blank Samples 3
2.3 Accuracy Evaluation 3
2.3.1 Calibration 3
2.3.2 Laboratory Control Samples 4
2.3.3 Internal Standards 5
2.3.4 Matrix Spikes 5
2.3.5 Surrogate Samples 5
2.4 Precision Evaluation 5
2.4.1 Laboratory Control Sample Duplicates 6
2.4.2 Matrix Spike Duplicates 6
2.4.3 Field Duplicates 6
2.4.4 Confirmation 6
2.5 Comparability Evaluation 6

3.0 OVERALL ASSESSMENTS 7

REFERENCES 8

ATTACHMENT

Data Validation Tables

ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
CCB	continuing calibration blank
CCV	continuing calibration verification
%D	percent difference
DQE	data quality evaluation
DRO	Diesel Range Organics
EB	equipment blank
EPA	Environmental Protection Agency
FD	field duplicate
GRO	Gasoline Range Organics
ICAL	initial calibration
ICB	initial calibration blank
ICVS	initial calibration verification standard
LCS/LCSD	laboratory control spike/laboratory control spike duplicate
MS/MSD	matrix spike/matrix spike duplicate
NFG	National Functional Guidelines
PAH	Polyaromatic Hydrocarbons
PARCC	precision, accuracy, representativeness, comparability, and completeness
QAPP	quality assurance project plan
QC	quality control
RL	reporting limit
RPD	relative percent difference
SVOC	semivolatile organic compound
TB	trip blank
VOC	volatile organic compound

1.0 INTRODUCTION

This data quality evaluation (DQE) report presents the analytical results for groundwater samples collected from the Bulk Fuels Facility (ST-106) January 2009 Quarterly Groundwater Monitoring at Kirtland Air Force Base (AFB), New Mexico. Samples were collected between January 20, 2009 and February 10, 2009. Guidance for this DQE report came from the *Kirtland AFB (KAFB) Bulk Fuels Facility Quality Assurance Project Plan (ST-106 QAPP)* (U.S. Air Force, 2007), the *U.S. Environmental Protection Agency (EPA) Contract Laboratory National Functional Guidelines (NFG) for Organic Review* (EPA, 1999), the *U.S. EPA Contract Laboratory NFG for Inorganic Review* (EPA, 2004), and individual method requirements. The analytical results were evaluated using the criteria of precision, accuracy, representativeness, comparability, and completeness (PARCC) as defined in the ST-106 QAPP.

1.1 Analytical Data

This DQE report covers 19 groundwater samples, 2 field duplicates (FD), 11 trip blanks (TB), and one equipment blank (EB). The samples were divided into 12 sample delivery groups identified as 2511584, 2511596, 2511607, 2511612, 2511616, 2511628, 2511632, 2511633, 2511634, 2511664, 2511696, and 2511758. The samples were collected and delivered to Spectrum Analytical Laboratories (formerly Progress Environmental Labs) in Tampa, Florida. The samples were analyzed by one or more of the methods listed in Table 1. Due to the size of some tables, all tables are located at the end of this document.

The analytical results were assessed by reviewing the following: (1) the chain-of-custody documentation; (2) holding-time compliance; (3) calibration criteria; (4) method blank and field blank samples; (5) laboratory control spike /laboratory control spike duplicate samples (LCS/LCSD); (6) surrogate spike recoveries; (7) matrix spike/matrix spike duplicate samples (MS/MSD); (8) internal standard recoveries; and (9) the required quality control (QC) samples at the specified frequencies.

Data flags were assigned according to the ST-106 QAPP. Multiple flags are routinely applied to specific sample method, matrix, and analyte combinations, but there will only be one final flag. A final flag is applied to the data and is the most conservative of the applied validation flags. The final flag also includes matrix and blank sample impacts.

The data flags are those listed in the ST-106 QAPP, and are defined below:

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- R = The sample result was rejected due to serious deficiencies in the ability to analyze the sample and meet the QC criteria. The presence or absence of the analyte could not be verified.
- U = The analyte was analyzed for but was not detected above the reported sample quantitation limit.
- UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

A summary of the qualified data is presented in Table 2.

2.0 DATA VERIFICATION RESULTS

2.1 Completeness Evaluation

2.1.1 Sampling Completeness

Sampling completeness was assessed by reviewing the chain-of-custody documentation. Required procedures were followed and all acceptance criteria were met indicating sample completeness for this project was 100 percent.

2.1.2 Analytical Completeness

Analytical completeness was evaluated using the following equation:

$$\text{Completeness} = \frac{\text{Number of valid data points}}{\text{Total number of measurements}} \times 100$$

Where:

The number of valid data points is the total number of valid analytical measurements based on the precision, accuracy, and holding-time evaluation.

All samples were analyzed according to the ST-106 QAPP. Based on the results of the data verification, the data are considered valid as qualified, with the exception of one benzoic acid result. Benzoic acid was rejected in sample ST106-GW-10612-02022009 due to low spike recovery. Completeness for this method/analyte combination meets the completeness goal of 95 percent. Completeness for all other method/analyte combinations was 100 percent. The analytical results are listed in Table 3.

2.2 Representativeness Evaluation

Representativeness is a qualitative expression of the degree to which sample data accurately and precisely represent a characteristic of a population, sampling point or an environmental condition. Representativeness is maximized by ensuring that the number and location of sampling points, sample collection and analysis methods are appropriate for the specific investigation and that the sampling and analysis program provides data that reflects “true” site conditions. The data were evaluated for representativeness by assessing the following: the use of standard methods and reporting units, sample preservation, holding-time compliance, and method and field blank results.

2.2.1 Holding Time and Preservation

Holding time is the length of time after sample collection to extraction and/or analysis. All sample analyses met holding-time requirements for this project.

The sample holding times for this project are listed in Table 4.

2.2.2 Method Blank Samples

A method blank contains all the target analytes of interest and is carried through the same analytical procedures as the environmental samples. Method blanks were analyzed at the required frequency and were free of contamination with the following exceptions:

Dissolved iron and dissolved manganese were detected at concentrations less than the reporting limit (RL)

in various method blanks associated with the metals analysis. The associated data were qualified as not detected and flagged "U" in six samples.

Anthracene and benzo(a)anthracene were detected at concentrations less than the RL in various method blanks associated with the polyaromatic hydrocarbons (PAH) analysis. The associated data were qualified as not detected and flagged "U" in three samples.

The results of the method blank analyses are presented in Table 5.

2.2.3 Field Blank Samples

The TBs and an EB were collected, analyzed and were generally free of contamination with the following exceptions:

Dissolved manganese was detected at a concentration less than the RL in the EB associated with the metals analysis. The associated data were qualified as not detected and flagged "U in one sample.

Nitrate was detected at a concentration less than the RL in the EB associated with EPA method 300.0. The associated data was qualified as not detected and flagged "U in one sample.

Benzo(a)anthracene was detected at a concentration less than the RL in the EB associated with the PAH analysis. The associated data was qualified as not detected and flagged "U in one sample.

The results of the TB and EB analyses are presented in Table 5.

2.3 Accuracy Evaluation

Accuracy is a measure of the level of agreement between a measurement and a known true value. Accuracy is evaluated by percent recovery (%R), which is calculated using the following equation:

$$\%R = \frac{A-B}{C} \times 100$$

Where,

A = the measured concentration of the analyte in the spiked sample;
B = the measured concentration of the analyte in the unspiked sample; and
C = the concentration of the analyte used for spiking.

Accuracy was evaluated using initial and continuing calibration recoveries, LCS/LCSD recoveries, MS/MSD recoveries, internal standard recoveries, and surrogate spike recoveries.

2.3.1 Calibration

Initial and continuing calibration analyses were performed as required by the methods and generally met acceptance criteria with the following exceptions:

The percent difference (%D) for bromomethane, 1,2-dibromo-3-chloropropane, naphthalene, and 1,2,3-trichlorobenzene was less than method criteria for one volatile organic compound (VOC) continuing calibration verification (CCV) standard, indicating a possible low sample bias. The associated data were qualified as estimated non-detected results and flagged "UJ" in the sample.

The percent difference (%D) for 1,2-dibromoethane was greater than method criteria in the VOC initial calibration verification standard (ICVS), indicating a possible high sample bias. The associated data were qualified as estimated detected results and flagged "J" in the samples.

Dissolved manganese was detected at a concentration less than the RL for one continuing calibration blank (CCB) associated with the metals analysis. The associated data were qualified as not detected and flagged "U in two samples.

Dissolved iron and dissolved manganese were detected at concentrations less than the RL in the initial calibration blank (ICB) associated with the metals analysis. The associated data were qualified as not detected and flagged "U" in four samples.

Nitrate was detected at a concentration less than the RL in the initial calibration blank (ICB) associated with EPA method 300.0. The associated data was qualified as not detected and flagged "U" in one sample.

2.3.2 Laboratory Control Samples

The LCS/LCSDs were analyzed to assess accuracy in the absence of matrix effects, and generally met acceptance criteria with the following exceptions:

The percent recoveries for phenol and 4-nitrophenol were less than the project-specific criteria for one LCS in the semivolatile organic compound (SVOC) analysis, indicating a possible low sample bias. The associated data were qualified as estimated non-detected results and flagged "UJ" in the samples.

The percent recovery for benzoic acid was less than the project-specific criteria for the LCS associated with sample ST106-GW-10612-02022009 in the SVOC analysis. Since the recovery was less than 10 percent, the benzoic acid result was rejected and flagged "R" in the sample.

The percent recovery for dissolved manganese was less than the project-specific criteria for one LCS in the metals analysis, indicating a possible low sample bias. The associated data were qualified as an estimated detected result and flagged "J" in the sample.

The percent recovery for naphthalene was greater than the project-specific criteria for one LCS in the SVOC analysis, indicating a possible high sample bias. The associated data was qualified as an estimated detected result and flagged "J" in the sample.

The percent recovery for diesel range organics (DRO) was greater than the project-specific criteria for one LCS, indicating a possible high sample bias. The associated data was qualified as an estimated detected result and flagged "J" in the sample.

Laboratory control sample results are presented in Table 6.

2.3.3 Internal Standards

Internal standards were added to the methods requiring their use and all acceptance criteria were met.

2.3.4 Matrix Spikes

Site specific MS/MSD samples were analyzed to assess accuracy and to identify possible matrix effects associated with the samples. Only the "parent" samples were qualified for MS issues, but data users should take into consideration low spike recoveries when evaluating other sites which may be similar to these sample locations. MS/MSD samples were analyzed as required and generally met acceptance criteria with the following exceptions:

The percent recovery for benzoic acid was less than the project-specific criteria for the MSD associated with sample ST106-GW-10612-02022009 in the SVOC analysis. Since the recovery was less than 10 percent, the benzoic acid result was rejected and flagged "R" in the sample.

Matrix spike results are presented in Table 7.

2.3.5 Surrogate Samples

Surrogates were added to all samples for the methods requiring their use. The QC acceptance criteria were generally met, with the following exceptions:

The percent recovery for one VOC surrogate was less than the project-specific criteria for sample ST106-GW-KAFB15-29012009, indicating a possible low sample bias. The associated data were qualified as estimated non-detected results and flagged "UJ" in the sample.

The percent recovery for the DRO surrogate was less than the project-specific criteria for sample ST106-GW-1062-20012009, indicating a possible low sample bias. The associated data was qualified as an estimated non-detected result and flagged "UJ" in the sample.

The percent recovery for the DRO surrogate was greater than the project-specific criteria for several samples, indicating a possible high sample bias. The associated data were qualified as estimated detected results and flagged "J" in the samples.

2.4 Precision Evaluation

Precision measures the reproducibility of measurements under a given set of conditions and is expressed as relative percent difference (RPD):

$$RPD = \left(\frac{|A-B|}{[A+B]/2} \right) \times 100$$

Where,

A = the concentration of "parent" sample, and
B = the concentration of the "duplicate/replicate" sample.

Precision was evaluated for this project using LCSD, MSD, FD and confirmation RPDs.

2.4.1 Laboratory Control Sample Duplicates

The LCSD samples were analyzed and all precision criteria were met.

2.4.2 Matrix Spike Duplicates

The MSD samples were analyzed as required and all acceptance criteria were met.

2.4.3 Field Duplicates

The FD samples were analyzed as required and generally met acceptance criteria with the following exception:

The RPD between the sample and the FD for dissolved manganese was greater than the project-specific criteria of 30 percent for sample ST106-GW-1062-20012009, indicating a possible sample bias. The associated data were qualified as estimated detected results and flagged “J” in the sample and FD.

2.4.4 Confirmation

Confirmation samples were analyzed according to methods requiring their use and and generally met acceptance criteria with the following exception:

The RPD between the primary and confirmation analysis for 1,2-dibromoethane was greater than the method criteria for samples ST106-GW-1061-27012009 and ST106-GW-10611-26012009, indicating a possible sample bias. The associated data were qualified as estimated detected results and flagged “J” in the samples.

2.5 Comparability Evaluation

Comparability is expressed as the confidence level in which one data set may be compared to another data set. Standardized methodology was used in the collection, analysis, and reporting of the data. Therefore, the data from this sampling event should be comparable to data collected previously at the site.

3.0 OVERALL ASSESSMENTS

Review of laboratory control data and field QC indicators were used to assess the PARCC of the January 2009 Quarterly Groundwater Monitoring samples collected by CH2M HILL at ST106. The assessment concluded that the PARCC of the data are generally acceptable. Evaluation of the data was modeled after the *USEPA NFG for Organic Data Review* (EPA, 1999), the *USEPA NFG for Inorganic Data Review (EPA, 2004)*, the ST-106 QAPP (USAF, 2007), and individual method requirements.

Precision of the data was verified through the review of the field and laboratory data quality indicators that include LCSD, MSD, FD and confirmation RPDs. Precision was generally acceptable with a few compounds being qualified as estimated. Data users should consider the impact to any result that is qualified as estimated as it may contain a bias which could affect the decision making process

Accuracy of the data was verified through the review of calibration data, LCS/LCSD samples, MS/MSD samples, internal standards, and surrogate spike data. Accuracy was generally acceptable with a few compounds being qualified as estimated due to calibration or spike recovery issues. Data users should consider the impact to any result that is qualified as estimated as it may contain a bias which could affect the decision making process.

Representativeness of the data was verified through the sample's collection, storage and preservation procedures, verification of holding-time compliance, and the evaluation of method and field blank data. The laboratory did not note any issues related to sample preservation or storage of the samples. All data were reported from analyses within the EPA recommended holding time. A few analytes were qualified as not detected and flagged "U" in several samples due to contamination in the method and/or field blanks.

Comparability of the data was ensured through the use of standard EPA analytical procedures and standard units for reporting. Results obtained are comparable to industry standards in that collection and analytical techniques followed approved, documented procedures.

Completeness is a measure of the number of valid measurements obtained in relation to the total number of measurements planned. Completeness is expressed as the percentage of valid or usable measurements, compared to planned measurements. Valid data are defined as all data that are not rejected for project use. The data are considered valid as qualified, with the exception of one benzoic acid result. The completeness goal of 95 percent was met for all methods and analytes.

REFERENCES

EPA, 1996. *EPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846) 3rd ed. with updates.* U.S. Environmental Protection Agency.

EPA, 1995. *Methods for the Determination of Organic Compounds in Drinking Water*, U.S. Environmental Protection Agency 500 Supplement III, Revision 1.1. August.

EPA, 1993. *Determination of Inorganic Anions in Drinking Water by Ion Chromatography*, U.S. Environmental Protection Agency.

EPA, 1999b. *Contract Laboratory Program National Functional Guidelines for Organic Data Review.* U.S. Environmental Protection Agency. EPA540/R-99/008. October.

EPA, 2004. *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review.* U.S. Environmental Protection Agency. EPA540/R-04/004. October.

USAF, 2007. *Kirtland AFB (KAFB) Bulk Fuels Facility Quality Assurance Project Plan (ST-106 QAPP)* U. S. Air Force, Kirtland Air Force Base, New Mexico. January.

ATTACHMENT
Data Validation Tables

Table 1. Summary of Analytical Parameters for Bulk Fuels Facility ST-106 January 2009 Quarterly Groundwater Monitoring

Parameter	Method	Laboratory
Volatile Organic Compounds (VOC)	SW8260B (EPA, 1996)	Spectrum Analytical Labs-Tampa
Semi-volatile Organic Compounds (SVOC)	SW8270C (EPA, 1996)	Spectrum Analytical Labs-Tampa
Polyaromatic Hydrocarbons (PAH)	SW8310 (EPA, 1996)	Spectrum Analytical Labs-Tampa
Gasoline Range Organics (GRO)	SW8015-P (EPA, 1996)	Spectrum Analytical Labs-Tampa
Diesel Range Organics (DRO)	SW8015-E (EPA, 1996)	Spectrum Analytical Labs-Tampa
Metals (dissolved Iron and Manganese)	SW6010B (EPA, 1996)	Spectrum Analytical Labs-Tampa
1,2-Dibromoethane, 1,2-Dibromo-3-chloropropane	SW8011 (EPA, 1996)	Spectrum Analytical Labs-Tampa
Nitrate, Sulfate	EPA 300 (EPA, 1996)	Spectrum Analytical Labs-Tampa

Table 2. Summary of Data Qualification for Bulk Fuels Facility ST-106
January 2009 Quarterly Groundwater Monitoring

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-10615-26012009	SW6010B	Manganese, dissolved	MG/L	0.00168	U	EB<RL
ST106-GW-1067-27012009	SW6010B	Iron, dissolved	µg/L	31.6	U	LB<RL
ST106-GW-10611-26012009	E300	Nitrate	MG/L	0.135	U	EB<RL
ST106-GW-KAFB15-29012009	SW8260B	Dichlorodifluoromethane	µg/L	2	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Chloromethane	µg/L	2	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Vinyl chloride	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Bromomethane	µg/L	2	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Chloroethane	µg/L	2	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Trichlorofluoromethane	µg/L	2	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,1-Dichloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Carbon disulfide	µg/L	2	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Methylene chloride	µg/L	5	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	trans-1,2-Dichloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,1-Dichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	2,2-Dichloropropane	µg/L	5	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	cis-1,2-Dichloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Bromochloromethane	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	2-Butanone	µg/L	6	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Chloroform	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,1,1-Trichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Carbon tetrachloride	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,1-Dichloropropene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Benzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,2-Dichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Trichloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,2-Dichloropropane	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Bromodichloromethane	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	cis-1,3-Dichloropropene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	4-Methyl-2-pentanone	µg/L	5	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Toluene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	trans-1,3-Dichloropropene	µg/L	1	UJ	Sur<LCL
ST106-GW-1063-20012009	SW6010B	Iron, dissolved	µg/L	6.68	U	ICB<RL
ST106-GW-1062-20012009DUP	SW6010B	Manganese, dissolved	µg/L	1.95	J	FD>RPD
ST106-GW-3411-20012009	SW6010B	Iron, dissolved	µg/L	32.3	U	ICB<RL
ST106-GW-1062-20012009	SW6010B	Manganese, dissolved	µg/L	5.91	J	FD>RPD
ST106-GW-1064-21012009	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCS<LCL
ST106-GW-1064-21012009	SW8310	Anthracene	µg/L	0.036	U	LB<RL
ST106-GW-10617-23012009	SW6010B	Manganese, dissolved	MG/L	0.00626	U	CCB<RL
ST106-GW-10617-23012009	SW6010B	Manganese, dissolved	MG/L	0.00626	U	ICB<RL
ST106-GW-10619-23012009	SW8310	Anthracene	µg/L	0.022	U	LB<RL
ST106-GW-10619-23012009	SW8310	Benzo(a)anthracene	µg/L	0.033	U	LB<RL

Table 2. Summary of Data Qualification for Bulk Fuels Facility ST-106 January 2009 Quarterly Groundwater Monitoring

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-10617-23012009	SW8011	1,2-Dibromoethane(EDB)	µg/L	4.4	J	>ICVS
ST106-GW-10611-26012009	SW8310	Benzo(a)anthracene	µg/L	0.044	U	EB<RL
ST106-GW-1061-27012009	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.038	J	CF>RPD
ST106-GW-10611-26012009	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.013	J	CF>RPD
ST106-GW-10611-26012009	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.013	J	>ICVS
ST106-GW-10619-23012009	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.86	J	>ICVS
ST106-GW-1062-20012009	SW8270C	Phenol	µg/L	10.3	UJ	LCS<LCL
ST106-GW-1062-20012009	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCS<LCL
ST106-GW-1063-20012009	SW8270C	Phenol	µg/L	10.3	UJ	LCS<LCL
ST106-GW-1063-20012009	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCS<LCL
ST106-GW-3411-20012009	SW8270C	Phenol	µg/L	10.3	UJ	LCS<LCL
ST106-GW-3411-20012009	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCS<LCL
ST106-GW-1062-20012009DUP	SW8270C	4-Nitrophenol	µg/L	51	UJ	LCS<LCL
ST106-GW-1062-20012009DUP	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL
ST106-GW-1062-20012009	SW8015-E	TPH C10-C28	µg/L	255	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,1,2-Trichloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Tetrachloroethene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,3-Dichloropropane	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	2-Hexanone	µg/L	5	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Dibromochloromethane	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Isopropylbenzene (Cumene)	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Bromobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,1,2,2-Tetrachloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	n-Propylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	2-Chlorotoluene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	4-Chlorotoluene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,3,5-Trimethylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	tert-Butylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,2,4-Trimethylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	sec-Butylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,3-Dichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,4-Dichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	4-Isopropyltoluene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	n-Butylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,2-Dichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,2-Dibromo-3-chloropropane	µg/L	5	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,2,4-Trichlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Hexachlorobutadiene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Naphthalene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Xylene (total)	µg/L	3	UJ	Sur<LCL

Table 2. Summary of Data Qualification for Bulk Fuels Facility ST-106
January 2009 Quarterly Groundwater Monitoring

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-KAFB15-29012009	SW8260B	MTBE	µg/L	5	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Dibromomethane	µg/L	1.1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,2,3-Trichloropropane	µg/L	1.5	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,2,3-Trichlorobenzene	µg/L	1.2	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8015-E	TPH C10-C28	MG/L	0.12	J	Sur>UCL
ST106-GW-KAFB16-29012009	SW8015-E	TPH C10-C28	MG/L	0.11	J	Sur>UCL
ST106-GW-KAFB03-29012009	SW8015-E	TPH C10-C28	MG/L	0.17	J	Sur>UCL
ST106-GW-KAFB15-29012009	SW6010B	Iron, dissolved	µg/L	15.4	U	LB<RL
ST106-GW-KAFB16-29012009	SW6010B	Iron, dissolved	µg/L	21.4	U	LB<RL
ST106-GW-KAFB03-29012009	SW6010B	Iron, dissolved	µg/L	6.99	U	LB<RL
ST106-GW-KAFB15-29012009	E300	Nitrate	MG/L	0.0502	U	ICB<RL
ST106-GW-10612-02022009	SW8260B	Bromomethane	µg/L	2	UJ	CCV<LCL
ST106-GW-10612-02022009	SW8260B	1,2-Dibromo-3-chloropropane	µg/L	5	UJ	CCV<LCL
ST106-GW-10612-02022009	SW8260B	Naphthalene	µg/L	1	UJ	CCV<LCL
ST106-GW-10612-02022009	SW8260B	1,2,3-Trichlorobenzene	µg/L	1.2	UJ	CCV<LCL
ST106-GW-10612-02022009	SW8015-E	TPH C10-C28	µg/L	160	J	Sur>UCL
ST106-GW-10612-02022009	SW8270C	Benzoic acid	µg/L	61.2	R	SD<LCL
ST106-GW-10612-02022009	SW8270C	Benzoic acid	µg/L	61.2	R	LCS<LCL
ST106-GW-1064-21012009	SW8270C	Phenol	µg/L	10.3	UJ	LCS<LCL
ST106-GW-1064-21012009	SW6010B	Manganese, dissolved	µg/L	0.571	U	CCB<RL
ST106-GW-1064-21012009	SW6010B	Manganese, dissolved	µg/L	0.571	U	ICB<RL
ST106-GW-KAFB15-29012009	SW8260B	1,2-Dibromoethane(EDB)	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Chlorobenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	1,1,1,2-Tetrachloroethane	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Ethylbenzene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	p,m-Xylene	µg/L	2	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	o-Xylene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Styrene	µg/L	1	UJ	Sur<LCL
ST106-GW-KAFB15-29012009	SW8260B	Bromoform	µg/L	1	UJ	Sur<LCL
ST106-GW-10620-22012009	SW6010B	Manganese, dissolved	MG/L	0.014	U	LB<RL
ST106-GW-10613-22012009	SW8310	Benzo(a)anthracene	µg/L	0.035	U	LB<RL
ST106-GW-10618-10022009	SW8260B	Naphthalene	µg/L	46	J	LCS>UCL
ST106-GW-10618-10022009	SW8015-E	TPH C10-C28	µg/L	16700	J	LCS>UCL
ST106-GW-10618-10022009	SW6010B	Manganese, dissolved	MG/L	0.641	J	LCS<LCL
ST106-GW-10618-10022009	SW6010B	Iron, dissolved	MG/L	0.0339	U	LB<RL

Validation Reasons:
>ICVS The initial calibration verification was recovered greater than the method criteria.
CCB<RL The analyte was detected in the continuing calibration blank at a concentration less than the reporting limit.
CCV<LCL The continuing calibration verification was recovered less than method criteria.
CF>RPD The relative percent difference between the primary and confirmation result exceeded the method criteria.
EB<RL The analyte was detected in the equipment blank at a concentration less than the reporting limit.
FD>RPD The relative percent difference between the sample and field duplicate exceeded the project-specific criteria.
ICB<RL The analyte was detected in the initial calibration blank at a concentration less than the reporting limit.
LB<RL The analyte was detected in the method blank at a concentration less than the reporting limit.
LCS<LCL The laboratory control sample was recovered less than the project specific criteria.

Table 2. Summary of Data Qualification for Bulk Fuels Facility ST-106
January 2009 Quarterly Groundwater Monitoring

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason

LCS>UCL	The laboratory control sample was recovered greater than the project specific criteria.
SD<LCL	The matrix spike duplicate sample was recovered less than the project specific criteria.
Sur<LCL	The surrogate was recovered less than the project specific criteria.
Sur>UCL	The surrogate was recovered greater than the project specific criteria.
µg/L	microgram per liter
mg/L	milligram per liter
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample result was rejected due to serious deficiencies in the ability to analyze the sample and meet the QC criteria. The presence or absence of the analyte could not be verified.
U	The analyte was not detected above the sample quantitation limit.
UJ	Analyte was not detected above the reported sample quantitation limit; the associated quantitation limit is approximate and may not accurately represent the analytical concentration.

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E300								
	ST106-GW-10611-26012009	WATER	N	Nitrate	0.135 U	0.015	10	MG/L
	ST106-GW-10611-26012009	WATER	N	Sulfate	28	0.074	1	MG/L
	ST106-GW-10612-02022009	WATER	N	Nitrate	0.0294 J	0.015	10	MG/L
	ST106-GW-10612-02022009	WATER	N	Sulfate	52.3	0.148	2	MG/L
	ST106-GW-1061-27012009	WATER	N	Nitrate	0.0691 J	0.015	10	MG/L
	ST106-GW-1061-27012009	WATER	N	Sulfate	25.6	0.074	1	MG/L
	ST106-GW-10613-22012009	WATER	N	Nitrate	0.133 J	0.015	10	MG/L
	ST106-GW-10613-22012009	WATER	N	Sulfate	34.4	0.074	1	MG/L
	ST106-GW-10615-26012009	WATER	N	Nitrate	0.378 J	0.015	10	MG/L
	ST106-GW-10615-26012009	WATER	N	Sulfate	27.2	0.074	1	MG/L
	ST106-GW-10616-27012009	WATER	N	Nitrate	0.104 J	0.015	10	MG/L
	ST106-GW-10616-27012009	WATER	N	Sulfate	26.8	0.074	1	MG/L
	ST106-GW-10617-23012009	WATER	N	Nitrate	0.279 J	0.015	10	MG/L
	ST106-GW-10617-23012009	WATER	N	Sulfate	37	0.074	1	MG/L
	ST106-GW-10618-10022009	WATER	N	Nitrate	10 U	0.015	10	MG/L
	ST106-GW-10618-10022009	WATER	N	Sulfate	64.7	0.148	2	MG/L
	ST106-GW-10619-23012009	WATER	N	Nitrate	0.095 J	0.015	10	MG/L
	ST106-GW-10619-23012009	WATER	N	Sulfate	34.1	0.074	1	MG/L
	ST106-GW-10620-22012009	WATER	N	Nitrate	0.142 J	0.015	10	MG/L
	ST106-GW-10620-22012009	WATER	N	Sulfate	41.4	0.148	2	MG/L
	ST106-GW-1062-20012009	WATER	N	Nitrate	0.288 J	0.015	10	MG/L
	ST106-GW-1062-20012009	WATER	N	Sulfate	33.6	0.074	1	MG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Nitrate	0.294 J	0.015	10	MG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E300								
	ST106-GW-1062-20012009DUP	WATER	FD	Sulfate	33.4	0.074	1	MG/L
	ST106-GW-1063-20012009	WATER	N	Nitrate	3.13 J	0.015	10	MG/L
	ST106-GW-1063-20012009	WATER	N	Sulfate	169	0.74	10	MG/L
	ST106-GW-1064-21012009	WATER	N	Nitrate	0.91 J	0.015	10	MG/L
	ST106-GW-1064-21012009	WATER	N	Sulfate	46.2	0.148	2	MG/L
	ST106-GW-1067-27012009	WATER	N	Nitrate	0.525 J	0.015	10	MG/L
	ST106-GW-1067-27012009	WATER	N	Sulfate	31.7	0.074	1	MG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Nitrate	0.52 J	0.015	10	MG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Sulfate	31.6	0.074	1	MG/L
	ST106-GW-2819RC-22012009	WATER	N	Nitrate	0.749 J	0.015	10	MG/L
	ST106-GW-2819RC-22012009	WATER	N	Sulfate	26.6	0.074	1	MG/L
	ST106-GW-3411-20012009	WATER	N	Nitrate	0.0327 J	0.015	10	MG/L
	ST106-GW-3411-20012009	WATER	N	Sulfate	40.7	0.148	2	MG/L
	ST106-GW-KAFB03-29012009	WATER	N	Nitrate	0.523 J	0.015	10	MG/L
	ST106-GW-KAFB03-29012009	WATER	N	Sulfate	35.2	0.074	1	MG/L
	ST106-GW-KAFB15-29012009	WATER	N	Nitrate	0.0502 U	0.015	10	MG/L
	ST106-GW-KAFB15-29012009	WATER	N	Sulfate	30.8	0.074	1	MG/L
	ST106-GW-KAFB16-29012009	WATER	N	Nitrate	10 U	0.015	10	MG/L
	ST106-GW-KAFB16-29012009	WATER	N	Sulfate	32.3	0.074	1	MG/L
SW6010B								
	ST106-GW-10611-26012009	WATER	N	Iron, dissolved	0.1 U	0.0055	0.1	MG/L
	ST106-GW-10611-26012009	WATER	N	Manganese, dissolved	0.0297	0.00035	0.01	MG/L
	ST106-GW-10612-02022009	WATER	N	Iron, dissolved	0.0348 J	0.0055	0.1	MG/L
	ST106-GW-10612-02022009	WATER	N	Manganese, dissolved	0.343	0.00035	0.01	MG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW6010B								
	ST106-GW-1061-27012009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-1061-27012009	WATER	N	Manganese, dissolved	29.3	0.35	10	UG/L
	ST106-GW-10613-22012009	WATER	N	Iron, dissolved	0.0185 J	0.0055	0.1	MG/L
	ST106-GW-10613-22012009	WATER	N	Manganese, dissolved	0.033	0.00035	0.01	MG/L
	ST106-GW-10615-26012009	WATER	N	Iron, dissolved	0.1 U	0.0055	0.1	MG/L
	ST106-GW-10615-26012009	WATER	N	Manganese, dissolved	0.00168 U	0.00035	0.01	MG/L
	ST106-GW-10616-27012009	WATER	N	Iron, dissolved	0.1 U	0.0055	0.1	MG/L
	ST106-GW-10616-27012009	WATER	N	Manganese, dissolved	0.0256	0.00035	0.01	MG/L
	ST106-GW-10617-23012009	WATER	N	Iron, dissolved	0.1 U	0.0055	0.1	MG/L
	ST106-GW-10617-23012009	WATER	N	Manganese, dissolved	0.00626 U	0.00035	0.01	MG/L
	ST106-GW-10618-10022009	WATER	N	Iron, dissolved	0.0339 U	0.0055	0.1	MG/L
	ST106-GW-10618-10022009	WATER	N	Manganese, dissolved	0.641 J	0.00035	0.01	MG/L
	ST106-GW-10619-23012009	WATER	N	Iron, dissolved	0.00736 J	0.0055	0.1	MG/L
	ST106-GW-10619-23012009	WATER	N	Manganese, dissolved	0.0216	0.00035	0.01	MG/L
	ST106-GW-10620-22012009	WATER	N	Iron, dissolved	0.00668 J	0.0055	0.1	MG/L
	ST106-GW-10620-22012009	WATER	N	Manganese, dissolved	0.014 U	0.00035	0.01	MG/L
	ST106-GW-1062-20012009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-1062-20012009	WATER	N	Manganese, dissolved	5.91 J	0.35	10	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Manganese, dissolved	1.95 J	0.35	10	UG/L
	ST106-GW-1063-20012009	WATER	N	Iron, dissolved	6.68 U	5.5	100	UG/L
	ST106-GW-1063-20012009	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-1064-21012009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW6010B								
	ST106-GW-1064-21012009	WATER	N	Manganese, dissolved	0.571 U	0.35	10	UG/L
	ST106-GW-1067-27012009	WATER	N	Iron, dissolved	31.6 U	5.5	100	UG/L
	ST106-GW-1067-27012009	WATER	N	Manganese, dissolved	1.44 J	0.35	10	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Iron, dissolved	173	5.5	100	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Manganese, dissolved	1.74 J	0.35	10	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-3411-20012009	WATER	N	Iron, dissolved	32.3 U	5.5	100	UG/L
	ST106-GW-3411-20012009	WATER	N	Manganese, dissolved	208	0.35	10	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Iron, dissolved	6.99 U	5.5	100	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Iron, dissolved	15.4 U	5.5	100	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Manganese, dissolved	25.6	0.35	10	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Iron, dissolved	21.4 U	5.5	100	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Manganese, dissolved	7.96 J	0.35	10	UG/L
SW8011								
	ST106-GW-10611-26012009	WATER	N	1,2-Dibromo-3-chloropropane	0.0199 U	0.00818	0.0199	UG/L
	ST106-GW-10611-26012009	WATER	N	1,2-Dibromoethane	0.013 J	0.00967	0.0199	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2-Dibromo-3-chloropropane	0.0199 U	0.00818	0.0199	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2-Dibromoethane	0.038 J	0.00967	0.0199	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8011								
	ST106-GW-10615-26012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10615-26012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-10616-27012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10616-27012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-10617-23012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10617-23012009	WATER	N	1,2-Dibromoethane	4.4 J	0.194	0.4	UG/L
	ST106-GW-10618-10022009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10618-10022009	WATER	N	1,2-Dibromoethane	206	9.7	20	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2-Dibromoethane	0.86 J	0.0485	0.1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-1064-21012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-1064-21012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-1067-27012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-1067-27012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8011								
	ST106-GW-1067-27012009Dup	WATER	FD	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
SW8015-E								
	ST106-GW-10611-26012009	WATER	N	TPH C10-C28	248 U	99	248	UG/L
	ST106-GW-10612-02022009	WATER	N	TPH C10-C28	160 J	50.8	254	UG/L
	ST106-GW-1061-27012009	WATER	N	TPH C10-C28	278 U	111	278	UG/L
	ST106-GW-10613-22012009	WATER	N	TPH C10-C28	258 U	103	258	UG/L
	ST106-GW-10615-26012009	WATER	N	TPH C10-C28	266 U	106	266	UG/L
	ST106-GW-10616-27012009	WATER	N	TPH C10-C28	267 U	107	267	UG/L
	ST106-GW-10617-23012009	WATER	N	TPH C10-C28	284 U	114	284	UG/L
	ST106-GW-10618-10022009	WATER	N	TPH C10-C28	16700 J	258	1290	UG/L
	ST106-GW-10619-23012009	WATER	N	TPH C10-C28	100 J	95.7	239	UG/L
	ST106-GW-10620-22012009	WATER	N	TPH C10-C28	259 U	104	259	UG/L
	ST106-GW-1062-20012009	WATER	N	TPH C10-C28	255 UJ	102	255	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	TPH C10-C28	256 U	102	256	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8015-E								
	ST106-GW-1063-20012009	WATER	N	TPH C10-C28	260 U	104	260	UG/L
	ST106-GW-1064-21012009	WATER	N	TPH C10-C28	254 U	102	254	UG/L
	ST106-GW-1067-27012009	WATER	N	TPH C10-C28	0.28 U	0.11	0.28	MG/L
	ST106-GW-1067-27012009Dup	WATER	FD	TPH C10-C28	0.26 U	0.1	0.26	MG/L
	ST106-GW-2819RC-22012009	WATER	N	TPH C10-C28	0.26 U	0.1	0.26	MG/L
	ST106-GW-3411-20012009	WATER	N	TPH C10-C28	260 U	104	260	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	TPH C10-C28	0.17 J	0.051545	0.26	MG/L
	ST106-GW-KAFB15-29012009	WATER	N	TPH C10-C28	0.12 J	0.051815	0.26	MG/L
	ST106-GW-KAFB16-29012009	WATER	N	TPH C10-C28	0.11 J	0.055555	0.28	MG/L
SW8015-P								
	ST106-GW-10611-26012009	WATER	N	TPH C6-C10	180	32	64	UG/L
	ST106-GW-10612-02022009	WATER	N	TPH C6-C10	1700	32	64	UG/L
	ST106-GW-1061-27012009	WATER	N	TPH C6-C10	140	32	64	UG/L
	ST106-GW-10613-22012009	WATER	N	TPH C6-C10	67	32	64	UG/L
	ST106-GW-10615-26012009	WATER	N	TPH C6-C10	55 J	32	64	UG/L
	ST106-GW-10616-27012009	WATER	N	TPH C6-C10	200	32	64	UG/L
	ST106-GW-10617-23012009	WATER	N	TPH C6-C10	190	32	64	UG/L
	ST106-GW-10618-10022009	WATER	N	TPH C6-C10	18000	640	1280	UG/L
	ST106-GW-10619-23012009	WATER	N	TPH C6-C10	300	32	64	UG/L
	ST106-GW-10620-22012009	WATER	N	TPH C6-C10	980	32	64	UG/L
	ST106-GW-1062-20012009	WATER	N	TPH C6-C10	74	32	64	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	TPH C6-C10	81	32	64	UG/L
	ST106-GW-1063-20012009	WATER	N	TPH C6-C10	64 U	32	64	UG/L
	ST106-GW-1064-21012009	WATER	N	TPH C6-C10	86	32	64	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8015-P								
	ST106-GW-1067-27012009	WATER	N	TPH C6-C10	0.033 J	0.032	0.064	MG/L
	ST106-GW-1067-27012009Dup	WATER	FD	TPH C6-C10	0.033 J	0.032	0.064	MG/L
	ST106-GW-2819RC-22012009	WATER	N	TPH C6-C10	0.064 U	0.032	0.064	MG/L
	ST106-GW-3411-20012009	WATER	N	TPH C6-C10	350	32	64	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	TPH C6-C10	0.064 U	0.032	0.064	MG/L
	ST106-GW-KAFB15-29012009	WATER	N	TPH C6-C10	0.064 U	0.032	0.064	MG/L
	ST106-GW-KAFB16-29012009	WATER	N	TPH C6-C10	0.064 U	0.032	0.064	MG/L
SW8260B								
	ST106-GW-10611-26012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10611-26012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10611-26012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10611-26012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-26012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10611-26012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10611-26012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10611-26012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10611-26012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10611-26012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10611-26012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10611-26012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10611-26012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10611-26012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10611-26012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10611-26012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-26012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10611-26012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10611-26012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10611-26012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10611-26012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10611-26012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10611-26012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10611-26012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10611-26012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10611-26012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10611-26012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10611-26012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10611-26012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10611-26012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Toluene	52.3	0.22	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10611-26012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-26012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10611-26012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10611-26012009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10612-02022009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2,3-Trichlorobenzene	1.2 UJ	0.61	1.2	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2,4-Trimethylbenzene	0.23 J	0.17	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2-Dibromo-3-chloropropane	5 UJ	1.4	5	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,3,5-Trimethylbenzene	0.57 J	0.22	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10612-02022009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-02022009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10612-02022009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10612-02022009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10612-02022009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10612-02022009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10612-02022009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10612-02022009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10612-02022009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzene	166	0.8	5	UG/L
	ST106-GW-10612-02022009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Bromomethane	2 UJ	0.76	2	UG/L
	ST106-GW-10612-02022009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10612-02022009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10612-02022009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10612-02022009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10612-02022009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-02022009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10612-02022009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10612-02022009	WATER	N	Ethylbenzene	4.8	0.43	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Isopropylbenzene	1.6	0.41	1	UG/L
	ST106-GW-10612-02022009	WATER	N	m,p-Xylene	10	0.27	2	UG/L
	ST106-GW-10612-02022009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10612-02022009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10612-02022009	WATER	N	Naphthalene	1 UJ	0.32	1	UG/L
	ST106-GW-10612-02022009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10612-02022009	WATER	N	n-Propylbenzene	0.76 J	0.28	1	UG/L
	ST106-GW-10612-02022009	WATER	N	o-Xylene	5	0.2	1	UG/L
	ST106-GW-10612-02022009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10612-02022009	WATER	N	sec-Butylbenzene	0.38 J	0.2	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10612-02022009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Toluene	98.7	1.1	5	UG/L
	ST106-GW-10612-02022009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10612-02022009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10612-02022009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-02022009	WATER	N	Xylenes, Total	15.1	0.27	3	UG/L
	ST106-GW-1061-27012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-1061-27012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1061-27012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1061-27012009	WATER	N	2-Butanone	6 U	1	6	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1061-27012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-1061-27012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-1061-27012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1061-27012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-1061-27012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-1061-27012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1061-27012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1061-27012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1061-27012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1061-27012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1061-27012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-1061-27012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1061-27012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-1061-27012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1061-27012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-1061-27012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1061-27012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1061-27012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1061-27012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1061-27012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1061-27012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-1061-27012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1061-27012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-1061-27012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-1061-27012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Xylenes, Total	2 U	0.27	2	UG/L
	ST106-GW-10613-22012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-22012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10613-22012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10613-22012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10613-22012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10613-22012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10613-22012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10613-22012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-22012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10613-22012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10613-22012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10613-22012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10613-22012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10613-22012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10613-22012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10613-22012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10613-22012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10613-22012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-22012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10613-22012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10613-22012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10613-22012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10613-22012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10613-22012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10613-22012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10613-22012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10613-22012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Toluene	28.8	0.22	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10613-22012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10613-22012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10615-26012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10615-26012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10615-26012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10615-26012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10615-26012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10615-26012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10615-26012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10615-26012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10615-26012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10615-26012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10615-26012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10615-26012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10615-26012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzene	1 U	0.16	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10615-26012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10615-26012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10615-26012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10615-26012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10615-26012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10615-26012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10615-26012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10615-26012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10615-26012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10615-26012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10615-26012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10615-26012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10615-26012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10615-26012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10615-26012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10615-26012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10615-26012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10615-26012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Toluene	22	0.22	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10615-26012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10615-26012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10615-26012009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10616-27012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10616-27012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10616-27012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10616-27012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10616-27012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10616-27012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10616-27012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10616-27012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10616-27012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10616-27012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10616-27012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10616-27012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10616-27012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10616-27012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10616-27012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10616-27012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10616-27012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10616-27012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10616-27012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10616-27012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10616-27012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10616-27012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10616-27012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10616-27012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10616-27012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10616-27012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10616-27012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10616-27012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Toluene	67.9	0.22	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10616-27012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10616-27012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10616-27012009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10617-23012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10617-23012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10617-23012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10617-23012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10617-23012009	WATER	N	1,2-Dibromoethane	3.6	0.33	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10617-23012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10617-23012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10617-23012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10617-23012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10617-23012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10617-23012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10617-23012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzene	11	0.16	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10617-23012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10617-23012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10617-23012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10617-23012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10617-23012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10617-23012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10617-23012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10617-23012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10617-23012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10617-23012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10617-23012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10617-23012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10617-23012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10617-23012009	WATER	N	o-Xylene	2	0.2	1	UG/L
	ST106-GW-10617-23012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10617-23012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Styrene	1 U	0.2	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10617-23012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Toluene	66.6	0.22	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10617-23012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10617-23012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10617-23012009	WATER	N	Xylenes, Total	2 J	0.27	3	UG/L
	ST106-GW-10618-10022009	WATER	N	1,1,1,2-Tetrachloroethane	10 U	2.5	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,1,1-Trichloroethane	10 U	1.6	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,1,2,2-Tetrachloroethane	10 U	2.6	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,1,2-Trichloroethane	10 U	2.8	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,1-Dichloroethane	10 U	2.2	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,1-Dichloroethene	10 U	2.4	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,1-Dichloropropene	10 U	1.9	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,2,3-Trichlorobenzene	12.2 U	6.1	12.2	UG/L
	ST106-GW-10618-10022009	WATER	N	1,2,3-Trichloropropane	15.2 U	7.6	15.2	UG/L
	ST106-GW-10618-10022009	WATER	N	1,2,4-Trichlorobenzene	10 U	5	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,2,4-Trimethylbenzene	200	1.7	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,2-Dibromo-3-chloropropane	50 U	14	50	UG/L
	ST106-GW-10618-10022009	WATER	N	1,2-Dibromoethane	160	3.3	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,2-Dichlorobenzene	10 U	2.6	10	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10618-10022009	WATER	N	1,2-Dichloroethane	10 U	4	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,2-Dichloropropane	10 U	2.7	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,3,5-Trimethylbenzene	72	2.2	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,3-Dichlorobenzene	10 U	1.4	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,3-Dichloropropane	10 U	1.9	10	UG/L
	ST106-GW-10618-10022009	WATER	N	1,4-Dichlorobenzene	10 U	2.4	10	UG/L
	ST106-GW-10618-10022009	WATER	N	2,2-Dichloropropane	50 U	3.2	50	UG/L
	ST106-GW-10618-10022009	WATER	N	2-Butanone	760	10	60	UG/L
	ST106-GW-10618-10022009	WATER	N	2-Chlorotoluene	10 U	3.2	10	UG/L
	ST106-GW-10618-10022009	WATER	N	2-Hexanone	50 U	8	50	UG/L
	ST106-GW-10618-10022009	WATER	N	4-Chlorotoluene	10 U	1.2	10	UG/L
	ST106-GW-10618-10022009	WATER	N	4-Methyl-2-Pentanone	200	6.1	50	UG/L
	ST106-GW-10618-10022009	WATER	N	Acetone	840	36	100	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzene	7700	32	200	UG/L
	ST106-GW-10618-10022009	WATER	N	Bromobenzene	10 U	2.7	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Bromochloromethane	10 U	3.8	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Bromodichloromethane	10 U	1.5	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Bromoform	10 U	3.5	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Bromomethane	20 U	7.6	20	UG/L
	ST106-GW-10618-10022009	WATER	N	Carbon disulfide	20 U	2.9	20	UG/L
	ST106-GW-10618-10022009	WATER	N	Carbon tetrachloride	10 U	3.3	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Chlorobenzene	10 U	1.8	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Chloroethane	20 U	9.9	20	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10618-10022009	WATER	N	Chloroform	10 U	2.9	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Chloromethane	20 U	6.8	20	UG/L
	ST106-GW-10618-10022009	WATER	N	cis-1,2-Dichloroethene	10 U	2.9	10	UG/L
	ST106-GW-10618-10022009	WATER	N	cis-1,3-Dichloropropene	10 U	2.3	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Dibromochloromethane	10 U	3.4	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Dibromomethane	10.6 U	5.3	10.6	UG/L
	ST106-GW-10618-10022009	WATER	N	Dichlorodifluoromethane	20 U	1.9	20	UG/L
	ST106-GW-10618-10022009	WATER	N	Ethylbenzene	280	4.3	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Hexachlorobutadiene	10 U	4	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Isopropylbenzene	22	4.1	10	UG/L
	ST106-GW-10618-10022009	WATER	N	m,p-Xylene	1400	2.7	20	UG/L
	ST106-GW-10618-10022009	WATER	N	Methyl tert-butyl ether (MTBE)	50 U	2.6	50	UG/L
	ST106-GW-10618-10022009	WATER	N	Methylene chloride	50 U	5.2	50	UG/L
	ST106-GW-10618-10022009	WATER	N	Naphthalene	46 J	3.2	10	UG/L
	ST106-GW-10618-10022009	WATER	N	n-Butylbenzene	4.1 J	2.2	10	UG/L
	ST106-GW-10618-10022009	WATER	N	n-Propylbenzene	14	2.8	10	UG/L
	ST106-GW-10618-10022009	WATER	N	o-Xylene	520	2	10	UG/L
	ST106-GW-10618-10022009	WATER	N	p-Isopropyltoluene	4.9 J	2.4	10	UG/L
	ST106-GW-10618-10022009	WATER	N	sec-Butylbenzene	3.4 J	2	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Styrene	10 U	2	10	UG/L
	ST106-GW-10618-10022009	WATER	N	tert-Butylbenzene	10 U	2.8	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Tetrachloroethene	10 U	3.5	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Toluene	470	2.2	10	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10618-10022009	WATER	N	Trans-1,2-Dichloroethene	10 U	2.3	10	UG/L
	ST106-GW-10618-10022009	WATER	N	trans-1,3-Dichloropropene	10 U	1.5	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Trichloroethene	10 U	4.2	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Trichlorofluoromethane	20 U	2.5	20	UG/L
	ST106-GW-10618-10022009	WATER	N	Vinyl Chloride	10 U	2.8	10	UG/L
	ST106-GW-10618-10022009	WATER	N	Xylenes, Total	1900	2.7	30	UG/L
	ST106-GW-10619-23012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10619-23012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10619-23012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10619-23012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10619-23012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10619-23012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10619-23012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10619-23012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10619-23012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10619-23012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzene	0.35 J	0.16	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10619-23012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10619-23012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10619-23012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10619-23012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10619-23012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10619-23012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10619-23012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10619-23012009	WATER	N	m,p-Xylene	0.65 J	0.27	2	UG/L
	ST106-GW-10619-23012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10619-23012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10619-23012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10619-23012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10619-23012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10619-23012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10619-23012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10619-23012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10619-23012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Toluene	114	1.1	5	UG/L
	ST106-GW-10619-23012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10619-23012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10619-23012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10619-23012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10619-23012009	WATER	N	Xylenes, Total	0.65 J	0.27	3	UG/L
	ST106-GW-10620-22012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,3,5-Trimethylbenzene	0.29 J	0.22	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10620-22012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10620-22012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10620-22012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10620-22012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10620-22012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10620-22012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10620-22012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10620-22012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzene	0.66 J	0.16	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10620-22012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10620-22012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10620-22012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10620-22012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10620-22012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10620-22012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10620-22012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Isopropylbenzene	1.9	0.41	1	UG/L
	ST106-GW-10620-22012009	WATER	N	m,p-Xylene	0.4 J	0.27	2	UG/L
	ST106-GW-10620-22012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10620-22012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10620-22012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10620-22012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10620-22012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10620-22012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10620-22012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10620-22012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10620-22012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Toluene	68.3	0.22	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10620-22012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10620-22012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Xylenes, Total	0.4 J	0.27	3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-20012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-1062-20012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1062-20012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1062-20012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-1062-20012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-20012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-1062-20012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1062-20012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-1062-20012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-1062-20012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1062-20012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1062-20012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1062-20012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1062-20012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1062-20012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-1062-20012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-20012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-1062-20012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1062-20012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-1062-20012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1062-20012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1062-20012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1062-20012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1062-20012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1062-20012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-1062-20012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1062-20012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-1062-20012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-1062-20012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Xylenes, Total	2 U	0.27	2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-20012009DUP	WATER	FD	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2-Butanone	6 U	1	6	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-20012009DUP	WATER	FD	Acetone	10 U	3.6	10	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzene	1 U	0.16	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-20012009DUP	WATER	FD	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Toluene	1 U	0.22	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Xylenes, Total	2 U	0.27	2	UG/L
	ST106-GW-1063-20012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1063-20012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-1063-20012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1063-20012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1063-20012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-1063-20012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-1063-20012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-1063-20012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1063-20012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-1063-20012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1063-20012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-1063-20012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1063-20012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1063-20012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1063-20012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1063-20012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1063-20012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-1063-20012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-1063-20012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1063-20012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-1063-20012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1063-20012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1063-20012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1063-20012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1063-20012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1063-20012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-1063-20012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1063-20012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-1063-20012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-1063-20012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Xylenes, Total	2 U	0.27	2	UG/L
	ST106-GW-1064-21012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1064-21012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1064-21012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-1064-21012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-1064-21012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1064-21012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1064-21012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-1064-21012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-1064-21012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-1064-21012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1064-21012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-1064-21012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Bromoform	1 U	0.35	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1064-21012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-1064-21012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1064-21012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1064-21012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1064-21012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1064-21012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1064-21012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-1064-21012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-1064-21012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1064-21012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-1064-21012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1064-21012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1064-21012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1064-21012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1064-21012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1064-21012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1064-21012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1064-21012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-1064-21012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-1064-21012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Xylenes, Total	2 U	0.27	2	UG/L
	ST106-GW-1067-27012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1067-27012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-1067-27012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1067-27012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-1067-27012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1067-27012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1067-27012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-1067-27012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-1067-27012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-1067-27012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1067-27012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-1067-27012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-1067-27012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1067-27012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1067-27012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1067-27012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1067-27012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1067-27012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1067-27012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-1067-27012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-1067-27012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1067-27012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-1067-27012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1067-27012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1067-27012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1067-27012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1067-27012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1067-27012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-1067-27012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1067-27012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1067-27012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-1067-27012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-1067-27012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-1067-27012009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,2-Dichloroethane	1 U	0.4	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1067-27012009Dup	WATER	FD	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2-Butanone	6 U	1	6	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Acetone	10 U	3.6	10	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzene	1 U	0.16	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Chloroform	1 U	0.29	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1067-27012009Dup	WATER	FD	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Toluene	1 U	0.22	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1067-27012009Dup	WATER	FD	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-2819RC-22012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-2819RC-22012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-2819RC-22012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-2819RC-22012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-2819RC-22012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-3411-20012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-3411-20012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-3411-20012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-3411-20012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-3411-20012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-3411-20012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-3411-20012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-3411-20012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-3411-20012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzene	0.2 J	0.16	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-3411-20012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-3411-20012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-3411-20012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-3411-20012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-3411-20012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-3411-20012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-3411-20012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Isopropylbenzene	1.6	0.41	1	UG/L
	ST106-GW-3411-20012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-3411-20012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-3411-20012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-3411-20012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-3411-20012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-3411-20012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-3411-20012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-3411-20012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-3411-20012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-3411-20012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-3411-20012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-3411-20012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Xylenes, Total	2 U	0.27	2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB03-29012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB03-29012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB03-29012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,1,1,2-Tetrachloroethane	1 UJ	0.25	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,1,1-Trichloroethane	1 UJ	0.16	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,1,2,2-Tetrachloroethane	1 UJ	0.26	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,1,2-Trichloroethane	1 UJ	0.28	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-29012009	WATER	N	1,1-Dichloroethane	1 UJ	0.22	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,1-Dichloroethene	1 UJ	0.24	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,1-Dichloropropene	1 UJ	0.19	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2,3-Trichlorobenzene	1.2 UJ	0.61	1.2	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2,3-Trichloropropane	1.5 UJ	0.76	1.5	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2,4-Trichlorobenzene	1 UJ	0.5	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2,4-Trimethylbenzene	1 UJ	0.17	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2-Dibromo-3-chloropropane	5 UJ	1.4	5	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2-Dibromoethane	1 UJ	0.33	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2-Dichlorobenzene	1 UJ	0.26	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2-Dichloroethane	1 UJ	0.4	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2-Dichloropropane	1 UJ	0.27	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,3,5-Trimethylbenzene	1 UJ	0.22	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,3-Dichlorobenzene	1 UJ	0.14	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,3-Dichloropropane	1 UJ	0.19	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,4-Dichlorobenzene	1 UJ	0.24	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2,2-Dichloropropane	5 UJ	0.32	5	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2-Butanone	6 UJ	1	6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2-Chlorotoluene	1 UJ	0.32	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2-Hexanone	5 UJ	0.8	5	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	4-Chlorotoluene	1 UJ	0.12	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	4-Methyl-2-Pentanone	5 UJ	0.61	5	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Acetone	10 U	3.6	10	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-29012009	WATER	N	Benzene	1 UJ	0.16	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Bromobenzene	1 UJ	0.27	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Bromochloromethane	1 UJ	0.38	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Bromodichloromethane	1 UJ	0.15	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Bromoform	1 UJ	0.35	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Bromomethane	2 UJ	0.76	2	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Carbon disulfide	2 UJ	0.29	2	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Carbon tetrachloride	1 UJ	0.33	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Chlorobenzene	1 UJ	0.18	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Chloroethane	2 UJ	0.99	2	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Chloroform	1 UJ	0.29	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Chloromethane	2 UJ	0.68	2	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	cis-1,2-Dichloroethene	1 UJ	0.29	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	cis-1,3-Dichloropropene	1 UJ	0.23	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Dibromochloromethane	1 UJ	0.34	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Dibromomethane	1.1 UJ	0.53	1.1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Dichlorodifluoromethane	2 UJ	0.19	2	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Ethylbenzene	1 UJ	0.43	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Hexachlorobutadiene	1 UJ	0.4	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Isopropylbenzene	1 UJ	0.41	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	m,p-Xylene	2 UJ	0.27	2	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 UJ	0.26	5	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Methylene chloride	5 UJ	0.52	5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-29012009	WATER	N	Naphthalene	1 UJ	0.32	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	n-Butylbenzene	1 UJ	0.22	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	n-Propylbenzene	1 UJ	0.28	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	o-Xylene	1 UJ	0.2	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	p-Isopropyltoluene	1 UJ	0.24	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	sec-Butylbenzene	1 UJ	0.2	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Styrene	1 UJ	0.2	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	tert-Butylbenzene	1 UJ	0.28	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Tetrachloroethene	1 UJ	0.35	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Toluene	1 UJ	0.22	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Trans-1,2-Dichloroethene	1 UJ	0.23	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	trans-1,3-Dichloropropene	1 UJ	0.15	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Trichloroethene	1 UJ	0.42	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Trichlorofluoromethane	2 UJ	0.25	2	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Vinyl Chloride	1 UJ	0.28	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Xylenes, Total	3 UJ	0.27	3	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-29012009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-29012009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-29012009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
SW8270C								
	ST106-GW-10611-26012009	WATER	N	1,2-Dichlorobenzene	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	1,3-Dinitrobenzene	10.7 U	2.7	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	2,4,5-Trichlorophenol	21.4 U	3.6	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	2,4,6-Trichlorophenol	21.4 U	3.8	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	2,4-Dimethylphenol	10.7 U	2.4	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	2,4-Dinitrophenol	64.2 U	6	64.2	UG/L
	ST106-GW-10611-26012009	WATER	N	2,4-Dinitrotoluene	21.4 U	3	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	2,6-Dinitrotoluene	21.4 U	3	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	2-Chloronaphthalene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	2-Chlorophenol	10.7 U	3.1	10.7	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-26012009	WATER	N	2-Methylnaphthalene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	2-Methylphenol	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	2-Nitroaniline	53.5 U	3.2	53.5	UG/L
	ST106-GW-10611-26012009	WATER	N	2-Nitrophenol	21.4 U	3.6	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	3,3'-Dichlorobenzidine	21.4 U	2.9	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	3-Nitroaniline	53.5 U	3	53.5	UG/L
	ST106-GW-10611-26012009	WATER	N	4,6-Dinitro-2-methylphenol	64.2 U	3.5	64.2	UG/L
	ST106-GW-10611-26012009	WATER	N	4-Bromophenyl phenyl ether	10.7 U	2.4	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	4-Chloro-3-methylphenol	21.4 U	2.9	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	4-Chloroaniline	21.4 U	3.2	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	4-Chlorophenyl phenyl ether	10.7 U	2.7	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	4-Methylphenol	21.4 U	6.5	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	4-Nitroaniline	10.7 U	3	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	4-Nitrophenol	53.5 U	3.1	53.5	UG/L
	ST106-GW-10611-26012009	WATER	N	Acenaphthene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Acenaphthylene	10.7 U	3.2	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Anthracene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzidine	160 U	21.4	160	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzo (a) pyrene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzo (b) fluoranthene	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzo (g,h,i) perylene	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzo(a)anthracene	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzo(k)fluoranthene	10.7 U	3.1	10.7	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-26012009	WATER	N	Benzoic acid	64.2 U	15	64.2	UG/L
	ST106-GW-10611-26012009	WATER	N	Bis (2-chloroethoxy) methane	10.7 U	3.7	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Bis (2-chloroethyl) ether	10.7 U	3.2	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Bis (2-ethylhexyl) phthalate	10.7 U	4.7	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Butyl benzylphthalate	21.4 U	3.2	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	Chrysene	10.7 U	3.1	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Dibenzo (a,h) anthracene	10.7 U	2.9	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Dibenzofuran	10.7 U	2.9	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Diethyl phthalate	10.7 U	3	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Dimethyl phthalate	10.7 U	3.2	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Di-n-butylphthalate	21.4 U	3.1	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	Di-n-octylphthalate	21.4 U	3	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	Fluoranthene	21.4 U	3	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	Fluorene	10.7 U	3.1	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Hexachlorobenzene	10.7 U	0.44	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Hexachlorobutadiene	10.7 U	2.7	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Hexachlorocyclopentadiene	10.7 U	2.4	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Hexachloroethane	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.7 U	2.8	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Naphthalene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Nitrobenzene	21.4 U	3	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	n-Nitrosodi-n-propylamine	21.4 U	3.2	21.4	UG/L
	ST106-GW-10611-26012009	WATER	N	n-Nitrosodiphenylamine	10.7 U	3.6	10.7	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-26012009	WATER	N	Pentachlorophenol	64.2 U	2.8	64.2	UG/L
	ST106-GW-10611-26012009	WATER	N	Phenanthrene	10.7 U	3	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Phenol	2.6 J	1.8	10.7	UG/L
	ST106-GW-10611-26012009	WATER	N	Pyrene	10.7 U	3.1	10.7	UG/L
	ST106-GW-10612-02022009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	2,4,5-Trichlorophenol	20.4 U	3.5	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	2,4,6-Trichlorophenol	20.4 U	3.7	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	2,4-Dinitrophenol	61.2 U	5.7	61.2	UG/L
	ST106-GW-10612-02022009	WATER	N	2,4-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	2,6-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	2-Nitroaniline	51 U	3.1	51	UG/L
	ST106-GW-10612-02022009	WATER	N	2-Nitrophenol	20.4 U	3.5	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	3,3'-Dichlorobenzidine	20.4 U	2.8	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	3-Nitroaniline	51 U	2.8	51	UG/L
	ST106-GW-10612-02022009	WATER	N	4,6-Dinitro-2-methylphenol	61.2 U	3.4	61.2	UG/L
	ST106-GW-10612-02022009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	4-Chloro-3-methylphenol	20.4 U	2.8	20.4	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-02022009	WATER	N	4-Chloroaniline	20.4 U	3.1	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	4-Methylphenol	20.4 U	6.2	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	4-Nitroaniline	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	4-Nitrophenol	51 U	3	51	UG/L
	ST106-GW-10612-02022009	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzidine	153 U	20.4	153	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzoic acid	61.2 R	14.3	61.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Butyl benzylphthalate	20.4 U	3.1	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-02022009	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Di-n-butylphthalate	20.4 U	3	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	Di-n-octylphthalate	20.4 U	2.8	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	Fluoranthene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Nitrobenzene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	n-Nitrosodi-n-propylamine	20.4 U	3.1	20.4	UG/L
	ST106-GW-10612-02022009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Pentachlorophenol	61.2 U	2.6	61.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Phenol	10.2 U	1.7	10.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Pyrene	10.2 U	3	10.2	UG/L
	ST106-GW-1061-27012009	WATER	N	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	2,4,5-Trichlorophenol	20.9 U	3.6	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	2,4,6-Trichlorophenol	20.9 U	3.8	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1061-27012009	WATER	N	2,4-Dinitrophenol	62.8 U	5.9	62.8	UG/L
	ST106-GW-1061-27012009	WATER	N	2,4-Dinitrotoluene	20.9 U	2.9	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	2,6-Dinitrotoluene	20.9 U	2.9	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	2-Methylnaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	2-Methylphenol	10.5 U	2.7	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	2-Nitroaniline	52.4 U	3.1	52.4	UG/L
	ST106-GW-1061-27012009	WATER	N	2-Nitrophenol	20.9 U	3.6	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	3,3'-Dichlorobenzidine	20.9 U	2.8	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	3-Nitroaniline	52.4 U	2.9	52.4	UG/L
	ST106-GW-1061-27012009	WATER	N	4,6-Dinitro-2-methylphenol	62.8 U	3.4	62.8	UG/L
	ST106-GW-1061-27012009	WATER	N	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	4-Chloro-3-methylphenol	20.9 U	2.8	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	4-Chloroaniline	20.9 U	3.1	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	4-Methylphenol	20.9 U	6.4	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	4-Nitroaniline	10.5 U	2.9	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	4-Nitrophenol	52.4 U	3	52.4	UG/L
	ST106-GW-1061-27012009	WATER	N	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Acenaphthylene	10.5 U	3.1	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Anthracene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzidine	157 U	20.9	157	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1061-27012009	WATER	N	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzoic acid	62.8 U	14.6	62.8	UG/L
	ST106-GW-1061-27012009	WATER	N	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Bis (2-chloroethyl) ether	10.5 U	3.1	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Bis (2-ethylhexyl) phthalate	7 J	4.6	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Butyl benzylphthalate	20.9 U	3.1	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	Chrysene	10.5 U	3	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Dibenzo (a,h) anthracene	10.5 U	2.8	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Dibenzofuran	10.5 U	2.8	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Diethyl phthalate	10.5 U	2.9	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Dimethyl phthalate	10.5 U	3.1	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Di-n-butylphthalate	20.9 U	3	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	Di-n-octylphthalate	20.9 U	2.9	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	Fluoranthene	20.9 U	2.9	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	Fluorene	10.5 U	3	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Hexachlorocyclopentadiene	10.5 U	2.3	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Hexachloroethane	10.5 U	2.7	10.5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1061-27012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.5 U	2.7	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Naphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Nitrobenzene	20.9 U	2.9	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	n-Nitrosodi-n-propylamine	20.9 U	3.1	20.9	UG/L
	ST106-GW-1061-27012009	WATER	N	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Pentachlorophenol	62.8 U	2.7	62.8	UG/L
	ST106-GW-1061-27012009	WATER	N	Phenanthrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Phenol	10.5 U	1.8	10.5	UG/L
	ST106-GW-1061-27012009	WATER	N	Pyrene	10.5 U	3	10.5	UG/L
	ST106-GW-10613-22012009	WATER	N	1,2-Dichlorobenzene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	1,3-Dinitrobenzene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	2,4,5-Trichlorophenol	21.3 U	3.6	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	2,4,6-Trichlorophenol	21.3 U	3.8	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	2,4-Dimethylphenol	10.6 U	2.4	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	2,4-Dinitrophenol	63.8 U	6	63.8	UG/L
	ST106-GW-10613-22012009	WATER	N	2,4-Dinitrotoluene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	2,6-Dinitrotoluene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	2-Chloronaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	2-Chlorophenol	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	2-Methylnaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	2-Methylphenol	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	2-Nitroaniline	53.2 U	3.2	53.2	UG/L
	ST106-GW-10613-22012009	WATER	N	2-Nitrophenol	21.3 U	3.6	21.3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-22012009	WATER	N	3,3'-Dichlorobenzidine	21.3 U	2.9	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	3-Nitroaniline	53.2 U	3	53.2	UG/L
	ST106-GW-10613-22012009	WATER	N	4,6-Dinitro-2-methylphenol	63.8 U	3.5	63.8	UG/L
	ST106-GW-10613-22012009	WATER	N	4-Bromophenyl phenyl ether	10.6 U	2.4	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	4-Chloro-3-methylphenol	21.3 U	2.9	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	4-Chloroaniline	21.3 U	3.2	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	4-Chlorophenyl phenyl ether	10.6 U	2.6	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	4-Methylphenol	21.3 U	6.5	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	4-Nitroaniline	10.6 U	3	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	4-Nitrophenol	53.2 U	3.1	53.2	UG/L
	ST106-GW-10613-22012009	WATER	N	Acenaphthene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Acenaphthylene	10.6 U	3.2	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Anthracene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzidine	160 U	21.3	160	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzo (a) pyrene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzo (b) fluoranthene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzo (g,h,i) perylene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzo(a)anthracene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzo(k)fluoranthene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzoic acid	63.8 U	14.9	63.8	UG/L
	ST106-GW-10613-22012009	WATER	N	Bis (2-chloroethoxy) methane	10.6 U	3.7	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Bis (2-chloroethyl) ether	10.6 U	3.2	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Bis (2-ethylhexyl) phthalate	10.6 U	4.7	10.6	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-22012009	WATER	N	Butyl benzylphthalate	21.3 U	3.2	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	Chrysene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Dibenzo (a,h) anthracene	10.6 U	2.9	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Dibenzofuran	10.6 U	2.9	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Diethyl phthalate	10.6 U	3	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Dimethyl phthalate	10.6 U	3.2	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Di-n-butylphthalate	21.3 U	3.1	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	Di-n-octylphthalate	21.3 U	3	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	Fluoranthene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	Fluorene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Hexachlorobenzene	10.6 U	0.44	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Hexachlorobutadiene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Hexachlorocyclopentadiene	10.6 U	2.3	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Hexachloroethane	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Naphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Nitrobenzene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	n-Nitrosodi-n-propylamine	21.3 U	3.2	21.3	UG/L
	ST106-GW-10613-22012009	WATER	N	n-Nitrosodiphenylamine	10.6 U	3.6	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Pentachlorophenol	63.8 U	2.8	63.8	UG/L
	ST106-GW-10613-22012009	WATER	N	Phenanthrene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Phenol	2.1 J	1.8	10.6	UG/L
	ST106-GW-10613-22012009	WATER	N	Pyrene	10.6 U	3.1	10.6	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10615-26012009	WATER	N	1,2-Dichlorobenzene	10.4 U	2.7	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	1,3-Dinitrobenzene	10.4 U	2.6	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	2,4,5-Trichlorophenol	20.7 U	3.5	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	2,4,6-Trichlorophenol	20.7 U	3.7	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	2,4-Dimethylphenol	10.4 U	2.4	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	2,4-Dinitrophenol	62.2 U	5.8	62.2	UG/L
	ST106-GW-10615-26012009	WATER	N	2,4-Dinitrotoluene	20.7 U	2.9	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	2,6-Dinitrotoluene	20.7 U	2.9	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	2-Chloronaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	2-Chlorophenol	10.4 U	3	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	2-Methylnaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	2-Methylphenol	10.4 U	2.7	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	2-Nitroaniline	51.8 U	3.1	51.8	UG/L
	ST106-GW-10615-26012009	WATER	N	2-Nitrophenol	20.7 U	3.5	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	3,3'-Dichlorobenzidine	20.7 U	2.8	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	3-Nitroaniline	51.8 U	2.9	51.8	UG/L
	ST106-GW-10615-26012009	WATER	N	4,6-Dinitro-2-methylphenol	62.2 U	3.4	62.2	UG/L
	ST106-GW-10615-26012009	WATER	N	4-Bromophenyl phenyl ether	10.4 U	2.4	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	4-Chloro-3-methylphenol	20.7 U	2.8	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	4-Chloroaniline	20.7 U	3.1	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	4-Chlorophenyl phenyl ether	10.4 U	2.6	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	4-Methylphenol	20.7 U	6.3	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	4-Nitroaniline	10.4 U	2.9	10.4	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10615-26012009	WATER	N	4-Nitrophenol	51.8 U	3	51.8	UG/L
	ST106-GW-10615-26012009	WATER	N	Acenaphthene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Acenaphthylene	10.4 U	3.1	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Anthracene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzidine	155 U	20.7	155	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzo (a) pyrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzo (b) fluoranthene	10.4 U	2.7	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzo (g,h,i) perylene	10.4 U	2.7	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzo(a)anthracene	10.4 U	2.7	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzo(k)fluoranthene	10.4 U	3	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzoic acid	62.2 U	14.5	62.2	UG/L
	ST106-GW-10615-26012009	WATER	N	Bis (2-chloroethoxy) methane	10.4 U	3.6	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Bis (2-chloroethyl) ether	10.4 U	3.1	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Bis (2-ethylhexyl) phthalate	10.4 U	4.6	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Butyl benzylphthalate	20.7 U	3.1	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	Chrysene	10.4 U	3	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Dibenzo (a,h) anthracene	10.4 U	2.8	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Dibenzofuran	10.4 U	2.8	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Diethyl phthalate	10.4 U	2.9	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Dimethyl phthalate	10.4 U	3.1	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Di-n-butylphthalate	20.7 U	3	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	Di-n-octylphthalate	20.7 U	2.9	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	Fluoranthene	20.7 U	2.9	20.7	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10615-26012009	WATER	N	Fluorene	10.4 U	3	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Hexachlorobenzene	10.4 U	0.42	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Hexachlorobutadiene	10.4 U	2.6	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Hexachlorocyclopentadiene	10.4 U	2.3	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Hexachloroethane	10.4 U	2.7	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.4 U	2.7	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Naphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Nitrobenzene	20.7 U	2.9	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	n-Nitrosodi-n-propylamine	20.7 U	3.1	20.7	UG/L
	ST106-GW-10615-26012009	WATER	N	n-Nitrosodiphenylamine	10.4 U	3.5	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Pentachlorophenol	62.2 U	2.7	62.2	UG/L
	ST106-GW-10615-26012009	WATER	N	Phenanthrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Phenol	10.4 U	1.8	10.4	UG/L
	ST106-GW-10615-26012009	WATER	N	Pyrene	10.4 U	3	10.4	UG/L
	ST106-GW-10616-27012009	WATER	N	1,2-Dichlorobenzene	11.1 U	2.9	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	1,3-Dinitrobenzene	11.1 U	2.8	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	2,4,5-Trichlorophenol	22.2 U	3.8	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	2,4,6-Trichlorophenol	22.2 U	4	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	2,4-Dimethylphenol	11.1 U	2.6	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	2,4-Dinitrophenol	66.7 U	6.2	66.7	UG/L
	ST106-GW-10616-27012009	WATER	N	2,4-Dinitrotoluene	22.2 U	3.1	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	2,6-Dinitrotoluene	22.2 U	3.1	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	2-Chloronaphthalene	11.1 U	3.1	11.1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10616-27012009	WATER	N	2-Chlorophenol	11.1 U	3.2	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	2-Methylnaphthalene	11.1 U	3.1	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	2-Methylphenol	11.1 U	2.9	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	2-Nitroaniline	55.6 U	3.3	55.6	UG/L
	ST106-GW-10616-27012009	WATER	N	2-Nitrophenol	22.2 U	3.8	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	3,3'-Dichlorobenzidine	22.2 U	3	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	3-Nitroaniline	55.6 U	3.1	55.6	UG/L
	ST106-GW-10616-27012009	WATER	N	4,6-Dinitro-2-methylphenol	66.7 U	3.7	66.7	UG/L
	ST106-GW-10616-27012009	WATER	N	4-Bromophenyl phenyl ether	11.1 U	2.6	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	4-Chloro-3-methylphenol	22.2 U	3	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	4-Chloroaniline	22.2 U	3.3	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	4-Chlorophenyl phenyl ether	11.1 U	2.8	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	4-Methylphenol	22.2 U	6.8	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	4-Nitroaniline	11.1 U	3.1	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	4-Nitrophenol	55.6 U	3.2	55.6	UG/L
	ST106-GW-10616-27012009	WATER	N	Acenaphthene	11.1 U	3.1	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Acenaphthylene	11.1 U	3.3	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Anthracene	11.1 U	3.1	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzidine	167 U	22.2	167	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzo (a) pyrene	11.1 U	3.1	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzo (b) fluoranthene	11.1 U	2.9	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzo (g,h,i) perylene	11.1 U	2.9	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzo(a)anthracene	11.1 U	2.9	11.1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10616-27012009	WATER	N	Benzo(k)fluoranthene	11.1 U	3.2	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzoic acid	66.7 U	15.6	66.7	UG/L
	ST106-GW-10616-27012009	WATER	N	Bis (2-chloroethoxy) methane	11.1 U	3.9	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Bis (2-chloroethyl) ether	11.1 U	3.3	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Bis (2-ethylhexyl) phthalate	11.1 U	4.9	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Butyl benzylphthalate	22.2 U	3.3	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	Chrysene	11.1 U	3.2	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Dibenzo (a,h) anthracene	11.1 U	3	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Dibenzofuran	11.1 U	3	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Diethyl phthalate	11.1 U	3.1	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Dimethyl phthalate	11.1 U	3.3	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Di-n-butylphthalate	22.2 U	3.2	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	Di-n-octylphthalate	22.2 U	3.1	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	Fluoranthene	22.2 U	3.1	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	Fluorene	11.1 U	3.2	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Hexachlorobenzene	11.1 U	0.46	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Hexachlorobutadiene	11.1 U	2.8	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Hexachlorocyclopentadiene	11.1 U	2.4	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Hexachloroethane	11.1 U	2.9	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Indeno(1,2,3-cd)pyrene	11.1 U	2.9	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Naphthalene	11.1 U	3.1	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Nitrobenzene	22.2 U	3.1	22.2	UG/L
	ST106-GW-10616-27012009	WATER	N	n-Nitrosodi-n-propylamine	22.2 U	3.3	22.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10616-27012009	WATER	N	n-Nitrosodiphenylamine	11.1 U	3.8	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Pentachlorophenol	66.7 U	2.9	66.7	UG/L
	ST106-GW-10616-27012009	WATER	N	Phenanthrene	11.1 U	3.1	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Phenol	6.1 J	1.9	11.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Pyrene	11.1 U	3.2	11.1	UG/L
	ST106-GW-10617-23012009	WATER	N	1,2-Dichlorobenzene	14.5 U	3.8	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	1,3-Dinitrobenzene	14.5 U	3.6	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	2,4,5-Trichlorophenol	29 U	4.9	29	UG/L
	ST106-GW-10617-23012009	WATER	N	2,4,6-Trichlorophenol	29 U	5.2	29	UG/L
	ST106-GW-10617-23012009	WATER	N	2,4-Dimethylphenol	14.5 U	3.3	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	2,4-Dinitrophenol	87 U	8.1	87	UG/L
	ST106-GW-10617-23012009	WATER	N	2,4-Dinitrotoluene	29 U	4	29	UG/L
	ST106-GW-10617-23012009	WATER	N	2,6-Dinitrotoluene	29 U	4	29	UG/L
	ST106-GW-10617-23012009	WATER	N	2-Chloronaphthalene	14.5 U	4	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	2-Chlorophenol	14.5 U	4.2	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	2-Methylnaphthalene	14.5 U	4	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	2-Methylphenol	14.5 U	3.8	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	2-Nitroaniline	72.5 U	4.3	72.5	UG/L
	ST106-GW-10617-23012009	WATER	N	2-Nitrophenol	29 U	4.9	29	UG/L
	ST106-GW-10617-23012009	WATER	N	3,3'-Dichlorobenzidine	29 U	3.9	29	UG/L
	ST106-GW-10617-23012009	WATER	N	3-Nitroaniline	72.5 U	4	72.5	UG/L
	ST106-GW-10617-23012009	WATER	N	4,6-Dinitro-2-methylphenol	87 U	4.8	87	UG/L
	ST106-GW-10617-23012009	WATER	N	4-Bromophenyl phenyl ether	14.5 U	3.3	14.5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10617-23012009	WATER	N	4-Chloro-3-methylphenol	29 U	3.9	29	UG/L
	ST106-GW-10617-23012009	WATER	N	4-Chloroaniline	29 U	4.3	29	UG/L
	ST106-GW-10617-23012009	WATER	N	4-Chlorophenyl phenyl ether	14.5 U	3.6	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	4-Methylphenol	29 U	8.8	29	UG/L
	ST106-GW-10617-23012009	WATER	N	4-Nitroaniline	14.5 U	4	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	4-Nitrophenol	72.5 U	4.2	72.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Acenaphthene	14.5 U	4	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Acenaphthylene	14.5 U	4.3	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Anthracene	14.5 U	4	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzidine	217 U	29	217	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzo (a) pyrene	14.5 U	4	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzo (b) fluoranthene	14.5 U	3.8	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzo (g,h,i) perylene	14.5 U	3.8	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzo(a)anthracene	14.5 U	3.8	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzo(k)fluoranthene	14.5 U	4.2	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzoic acid	87 U	20.3	87	UG/L
	ST106-GW-10617-23012009	WATER	N	Bis (2-chloroethoxy) methane	14.5 U	5.1	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Bis (2-chloroethyl) ether	14.5 U	4.3	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Bis (2-ethylhexyl) phthalate	14.5 U	6.4	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Butyl benzylphthalate	29 U	4.3	29	UG/L
	ST106-GW-10617-23012009	WATER	N	Chrysene	14.5 U	4.2	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Dibenzo (a,h) anthracene	14.5 U	3.9	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Dibenzofuran	14.5 U	3.9	14.5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10617-23012009	WATER	N	Diethyl phthalate	14.5 U	4	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Dimethyl phthalate	14.5 U	4.3	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Di-n-butylphthalate	29 U	4.2	29	UG/L
	ST106-GW-10617-23012009	WATER	N	Di-n-octylphthalate	29 U	4	29	UG/L
	ST106-GW-10617-23012009	WATER	N	Fluoranthene	29 U	4	29	UG/L
	ST106-GW-10617-23012009	WATER	N	Fluorene	14.5 U	4.2	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Hexachlorobenzene	14.5 U	0.59	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Hexachlorobutadiene	14.5 U	3.6	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Hexachlorocyclopentadiene	14.5 U	3.2	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Hexachloroethane	14.5 U	3.8	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Indeno(1,2,3-cd)pyrene	14.5 U	3.8	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Naphthalene	14.5 U	4	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Nitrobenzene	29 U	4	29	UG/L
	ST106-GW-10617-23012009	WATER	N	n-Nitrosodi-n-propylamine	29 U	4.3	29	UG/L
	ST106-GW-10617-23012009	WATER	N	n-Nitrosodiphenylamine	14.5 U	4.9	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Pentachlorophenol	87 U	3.8	87	UG/L
	ST106-GW-10617-23012009	WATER	N	Phenanthrene	14.5 U	4	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Phenol	14.5 U	2.5	14.5	UG/L
	ST106-GW-10617-23012009	WATER	N	Pyrene	14.5 U	4.2	14.5	UG/L
	ST106-GW-10618-10022009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	2,4,5-Trichlorophenol	20.5 U	3.5	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	2,4,6-Trichlorophenol	20.5 U	3.7	20.5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10618-10022009	WATER	N	2,4-Dimethylphenol	10.8	2.4	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	2,4-Dinitrophenol	61.5 U	5.7	61.5	UG/L
	ST106-GW-10618-10022009	WATER	N	2,4-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	2,6-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	2-Chloronaphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	2-Methylnaphthalene	5.6 J	2.9	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	2-Methylphenol	10.2 U	2.7	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	2-Nitroaniline	51.3 U	3.1	51.3	UG/L
	ST106-GW-10618-10022009	WATER	N	2-Nitrophenol	20.5 U	3.5	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	3,3'-Dichlorobenzidine	20.5 U	2.8	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	3-Nitroaniline	51.3 U	2.9	51.3	UG/L
	ST106-GW-10618-10022009	WATER	N	4,6-Dinitro-2-methylphenol	61.5 U	3.4	61.5	UG/L
	ST106-GW-10618-10022009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.4	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	4-Chloro-3-methylphenol	20.5 U	2.8	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	4-Chloroaniline	20.5 U	3.1	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	4-Methylphenol	20.5 U	6.2	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	4-Nitroaniline	10.2 U	2.9	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	4-Nitrophenol	51.3 U	3	51.3	UG/L
	ST106-GW-10618-10022009	WATER	N	Acenaphthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Anthracene	10.2 U	2.9	10.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10618-10022009	WATER	N	Benzidine	154 U	20.5	154	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzo (a) pyrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzo(a)anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzoic acid	61.5 U	14.4	61.5	UG/L
	ST106-GW-10618-10022009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Butyl benzylphthalate	20.5 U	3.1	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Diethyl phthalate	10.2 U	2.9	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Di-n-butylphthalate	20.5 U	3	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	Di-n-octylphthalate	20.5 U	2.9	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	Fluoranthene	20.5 U	2.9	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10618-10022009	WATER	N	Hexachloroethane	10.2 U	2.7	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Naphthalene	22.9	2.9	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Nitrobenzene	20.5 U	2.9	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	n-Nitrosodi-n-propylamine	20.5 U	3.1	20.5	UG/L
	ST106-GW-10618-10022009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Pentachlorophenol	61.5 U	2.7	61.5	UG/L
	ST106-GW-10618-10022009	WATER	N	Phenanthrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Phenol	105	8.7	51.3	UG/L
	ST106-GW-10618-10022009	WATER	N	Pyrene	10.2 U	3	10.2	UG/L
	ST106-GW-10619-23012009	WATER	N	1,2-Dichlorobenzene	9.6 U	2.5	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	1,3-Dinitrobenzene	9.6 U	2.4	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	2,4,5-Trichlorophenol	19.2 U	3.3	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	2,4,6-Trichlorophenol	19.2 U	3.5	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	2,4-Dimethylphenol	9.6 U	2.2	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	2,4-Dinitrophenol	57.7 U	5.4	57.7	UG/L
	ST106-GW-10619-23012009	WATER	N	2,4-Dinitrotoluene	19.2 U	2.7	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	2,6-Dinitrotoluene	19.2 U	2.7	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	2-Chloronaphthalene	9.6 U	2.7	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	2-Chlorophenol	9.6 U	2.8	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	2-Methylnaphthalene	9.6 U	2.7	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	2-Methylphenol	5.2 J	2.5	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	2-Nitroaniline	48.1 U	2.9	48.1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10619-23012009	WATER	N	2-Nitrophenol	19.2 U	3.3	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	3,3'-Dichlorobenzidine	19.2 U	2.6	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	3-Nitroaniline	48.1 U	2.7	48.1	UG/L
	ST106-GW-10619-23012009	WATER	N	4,6-Dinitro-2-methylphenol	57.7 U	3.2	57.7	UG/L
	ST106-GW-10619-23012009	WATER	N	4-Bromophenyl phenyl ether	9.6 U	2.2	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	4-Chloro-3-methylphenol	19.2 U	2.6	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	4-Chloroaniline	19.2 U	2.9	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	4-Chlorophenyl phenyl ether	9.6 U	2.4	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	4-Methylphenol	19.2 U	5.9	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	4-Nitroaniline	9.6 U	2.7	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	4-Nitrophenol	48.1 U	2.8	48.1	UG/L
	ST106-GW-10619-23012009	WATER	N	Acenaphthene	9.6 U	2.7	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Acenaphthylene	9.6 U	2.9	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Anthracene	9.6 U	2.7	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzidine	144 U	19.2	144	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzo (a) pyrene	9.6 U	2.7	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzo (b) fluoranthene	9.6 U	2.5	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzo (g,h,i) perylene	9.6 U	2.5	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzo(a)anthracene	9.6 U	2.5	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzo(k)fluoranthene	9.6 U	2.8	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzoic acid	57.7 U	13.5	57.7	UG/L
	ST106-GW-10619-23012009	WATER	N	Bis (2-chloroethoxy) methane	9.6 U	3.4	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Bis (2-chloroethyl) ether	9.6 U	2.9	9.6	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10619-23012009	WATER	N	Bis (2-ethylhexyl) phthalate	5.1 J	4.2	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Butyl benzylphthalate	19.2 U	2.9	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	Chrysene	9.6 U	2.8	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Dibenzo (a,h) anthracene	9.6 U	2.6	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Dibenzofuran	9.6 U	2.6	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Diethyl phthalate	9.6 U	2.7	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Dimethyl phthalate	9.6 U	2.9	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Di-n-butylphthalate	19.2 U	2.8	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	Di-n-octylphthalate	19.2 U	2.7	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	Fluoranthene	19.2 U	2.7	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	Fluorene	9.6 U	2.8	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Hexachlorobenzene	9.6 U	0.39	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Hexachlorobutadiene	9.6 U	2.4	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Hexachlorocyclopentadiene	9.6 U	2.1	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Hexachloroethane	9.6 U	2.5	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Indeno(1,2,3-cd)pyrene	9.6 U	2.5	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Naphthalene	9.6 U	2.7	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Nitrobenzene	19.2 U	2.7	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	n-Nitrosodi-n-propylamine	19.2 U	2.9	19.2	UG/L
	ST106-GW-10619-23012009	WATER	N	n-Nitrosodiphenylamine	9.6 U	3.3	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Pentachlorophenol	57.7 U	2.5	57.7	UG/L
	ST106-GW-10619-23012009	WATER	N	Phenanthrene	9.6 U	2.7	9.6	UG/L
	ST106-GW-10619-23012009	WATER	N	Phenol	9.6 U	1.6	9.6	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10619-23012009	WATER	N	Pyrene	9.6 U	2.8	9.6	UG/L
	ST106-GW-10620-22012009	WATER	N	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	2,4,5-Trichlorophenol	21 U	3.6	21	UG/L
	ST106-GW-10620-22012009	WATER	N	2,4,6-Trichlorophenol	21 U	3.8	21	UG/L
	ST106-GW-10620-22012009	WATER	N	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	2,4-Dinitrophenol	63.2 U	5.9	63.2	UG/L
	ST106-GW-10620-22012009	WATER	N	2,4-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10620-22012009	WATER	N	2,6-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10620-22012009	WATER	N	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	2-Methylnaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	2-Methylphenol	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	2-Nitroaniline	52.6 U	3.2	52.6	UG/L
	ST106-GW-10620-22012009	WATER	N	2-Nitrophenol	21 U	3.6	21	UG/L
	ST106-GW-10620-22012009	WATER	N	3,3'-Dichlorobenzidine	21 U	2.8	21	UG/L
	ST106-GW-10620-22012009	WATER	N	3-Nitroaniline	52.6 U	2.9	52.6	UG/L
	ST106-GW-10620-22012009	WATER	N	4,6-Dinitro-2-methylphenol	63.2 U	3.5	63.2	UG/L
	ST106-GW-10620-22012009	WATER	N	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	4-Chloro-3-methylphenol	21 U	2.8	21	UG/L
	ST106-GW-10620-22012009	WATER	N	4-Chloroaniline	21 U	3.2	21	UG/L
	ST106-GW-10620-22012009	WATER	N	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	4-Methylphenol	21 U	6.4	21	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10620-22012009	WATER	N	4-Nitroaniline	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	4-Nitrophenol	52.6 U	3	52.6	UG/L
	ST106-GW-10620-22012009	WATER	N	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Acenaphthylene	10.5 U	3.2	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Anthracene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzidine	158 U	21	158	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzoic acid	63.2 U	14.7	63.2	UG/L
	ST106-GW-10620-22012009	WATER	N	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Bis (2-chloroethyl) ether	10.5 U	3.2	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Bis (2-ethylhexyl) phthalate	10.5 U	4.6	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Butyl benzylphthalate	21 U	3.2	21	UG/L
	ST106-GW-10620-22012009	WATER	N	Chrysene	10.5 U	3	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Dibenzo (a,h) anthracene	10.5 U	2.8	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Dibenzofuran	10.5 U	2.8	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Diethyl phthalate	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Dimethyl phthalate	10.5 U	3.2	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Di-n-butylphthalate	21 U	3	21	UG/L
	ST106-GW-10620-22012009	WATER	N	Di-n-octylphthalate	21 U	2.9	21	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10620-22012009	WATER	N	Fluoranthene	21 U	2.9	21	UG/L
	ST106-GW-10620-22012009	WATER	N	Fluorene	10.5 U	3	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Hexachlorocyclopentadiene	10.5 U	2.3	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Hexachloroethane	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Naphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Nitrobenzene	21 U	2.9	21	UG/L
	ST106-GW-10620-22012009	WATER	N	n-Nitrosodi-n-propylamine	21 U	3.2	21	UG/L
	ST106-GW-10620-22012009	WATER	N	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Pentachlorophenol	63.2 U	2.7	63.2	UG/L
	ST106-GW-10620-22012009	WATER	N	Phenanthrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Phenol	10.5 U	1.8	10.5	UG/L
	ST106-GW-10620-22012009	WATER	N	Pyrene	10.5 U	3	10.5	UG/L
	ST106-GW-1062-20012009	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	2,4,6-Trichlorophenol	20.6 U	3.7	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-1062-20012009	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1062-20012009	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-1062-20012009	WATER	N	2-Nitrophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-1062-20012009	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	3.4	61.8	UG/L
	ST106-GW-1062-20012009	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	4-Nitroaniline	10.3 U	2.9	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	4-Nitrophenol	51.5 UJ	3	51.5	UG/L
	ST106-GW-1062-20012009	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1062-20012009	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzoic acid	61.8 U	14.4	61.8	UG/L
	ST106-GW-1062-20012009	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Dibenzo (a,h) anthracene	10.3 U	2.8	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Di-n-butylphthalate	20.6 U	3	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	Di-n-octylphthalate	20.6 U	2.9	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Hexachlorocyclopentadiene	10.3 U	2.3	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Nitrobenzene	20.6 U	2.9	20.6	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1062-20012009	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-1062-20012009	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Pentachlorophenol	61.8 U	2.7	61.8	UG/L
	ST106-GW-1062-20012009	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-1062-20012009	WATER	N	Pyrene	10.3 U	3	10.3	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2,4,5-Trichlorophenol	20.4 U	3.5	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2,4,6-Trichlorophenol	20.4 U	3.7	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2,4-Dinitrophenol	61.2 U	5.7	61.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2,4-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2,6-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2-Nitroaniline	51 U	3.1	51	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	2-Nitrophenol	20.4 U	3.5	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	3,3'-Dichlorobenzidine	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	3-Nitroaniline	51 U	2.8	51	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	4,6-Dinitro-2-methylphenol	61.2 U	3.4	61.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1062-20012009DUP	WATER	FD	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	4-Chloro-3-methylphenol	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	4-Chloroaniline	20.4 U	3.1	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	4-Methylphenol	20.4 U	6.2	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	4-Nitroaniline	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	4-Nitrophenol	51 UJ	3	51	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzidine	153 U	20.4	153	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzoic acid	61.2 U	14.3	61.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Butyl benzylphthalate	20.4 U	3.1	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Dibenzo (a,h) anthracene	10.2 U	2.8	10.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1062-20012009DUP	WATER	FD	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Di-n-butylphthalate	20.4 U	3	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Di-n-octylphthalate	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Fluoranthene	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Indeno(1,2,3-cd)pyrene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Nitrobenzene	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	n-Nitrosodi-n-propylamine	20.4 U	3.1	20.4	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Pentachlorophenol	61.2 U	2.6	61.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Pyrene	10.2 U	3	10.2	UG/L
	ST106-GW-1063-20012009	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1063-20012009	WATER	N	2,4,6-Trichlorophenol	20.6 U	3.7	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-1063-20012009	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-1063-20012009	WATER	N	2-Nitrophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-1063-20012009	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	3.4	61.8	UG/L
	ST106-GW-1063-20012009	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	4-Nitroaniline	10.3 U	2.9	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	4-Nitrophenol	51.5 UJ	3	51.5	UG/L
	ST106-GW-1063-20012009	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1063-20012009	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzoic acid	61.8 U	14.4	61.8	UG/L
	ST106-GW-1063-20012009	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Dibenzo (a,h) anthracene	10.3 U	2.8	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Di-n-butylphthalate	20.6 U	3	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	Di-n-octylphthalate	20.6 U	2.9	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1063-20012009	WATER	N	Hexachlorocyclopentadiene	10.3 U	2.3	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Nitrobenzene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-1063-20012009	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Pentachlorophenol	61.8 U	2.7	61.8	UG/L
	ST106-GW-1063-20012009	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-1063-20012009	WATER	N	Pyrene	10.3 U	3	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	2,4,6-Trichlorophenol	20.6 U	3.7	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-1064-21012009	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1064-21012009	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-1064-21012009	WATER	N	2-Nitrophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-1064-21012009	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	3.4	61.8	UG/L
	ST106-GW-1064-21012009	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	4-Nitroaniline	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	4-Nitrophenol	51.5 UJ	3	51.5	UG/L
	ST106-GW-1064-21012009	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzoic acid	61.8 U	14.4	61.8	UG/L
	ST106-GW-1064-21012009	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1064-21012009	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Dibenzo (a,h) anthracene	10.3 U	2.8	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Di-n-butylphthalate	20.6 U	3	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	Di-n-octylphthalate	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Hexachlorocyclopentadiene	10.3 U	2.3	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Nitrobenzene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-1064-21012009	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Pentachlorophenol	61.8 U	2.7	61.8	UG/L
	ST106-GW-1064-21012009	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1064-21012009	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-1064-21012009	WATER	N	Pyrene	10.3 U	3	10.3	UG/L
	ST106-GW-1067-27012009	WATER	N	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	2,4,5-Trichlorophenol	21 U	3.6	21	UG/L
	ST106-GW-1067-27012009	WATER	N	2,4,6-Trichlorophenol	21 U	3.8	21	UG/L
	ST106-GW-1067-27012009	WATER	N	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	2,4-Dinitrophenol	63.2 U	5.9	63.2	UG/L
	ST106-GW-1067-27012009	WATER	N	2,4-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-1067-27012009	WATER	N	2,6-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-1067-27012009	WATER	N	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	2-Methylnaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	2-Methylphenol	10.5 U	2.7	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	2-Nitroaniline	52.6 U	3.2	52.6	UG/L
	ST106-GW-1067-27012009	WATER	N	2-Nitrophenol	21 U	3.6	21	UG/L
	ST106-GW-1067-27012009	WATER	N	3,3'-Dichlorobenzidine	21 U	2.8	21	UG/L
	ST106-GW-1067-27012009	WATER	N	3-Nitroaniline	52.6 U	2.9	52.6	UG/L
	ST106-GW-1067-27012009	WATER	N	4,6-Dinitro-2-methylphenol	63.2 U	3.5	63.2	UG/L
	ST106-GW-1067-27012009	WATER	N	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	4-Chloro-3-methylphenol	21 U	2.8	21	UG/L
	ST106-GW-1067-27012009	WATER	N	4-Chloroaniline	21 U	3.2	21	UG/L
	ST106-GW-1067-27012009	WATER	N	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1067-27012009	WATER	N	4-Methylphenol	21 U	6.4	21	UG/L
	ST106-GW-1067-27012009	WATER	N	4-Nitroaniline	10.5 U	2.9	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	4-Nitrophenol	52.6 U	3	52.6	UG/L
	ST106-GW-1067-27012009	WATER	N	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Acenaphthylene	10.5 U	3.2	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Anthracene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzidine	158 U	21	158	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzoic acid	63.2 U	14.7	63.2	UG/L
	ST106-GW-1067-27012009	WATER	N	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Bis (2-chloroethyl) ether	10.5 U	3.2	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Bis (2-ethylhexyl) phthalate	10.5 U	4.6	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Butyl benzylphthalate	21 U	3.2	21	UG/L
	ST106-GW-1067-27012009	WATER	N	Chrysene	10.5 U	3	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Dibenzo (a,h) anthracene	10.5 U	2.8	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Dibenzofuran	10.5 U	2.8	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Diethyl phthalate	10.5 U	2.9	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Dimethyl phthalate	10.5 U	3.2	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Di-n-butylphthalate	21 U	3	21	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1067-27012009	WATER	N	Di-n-octylphthalate	21 U	2.9	21	UG/L
	ST106-GW-1067-27012009	WATER	N	Fluoranthene	21 U	2.9	21	UG/L
	ST106-GW-1067-27012009	WATER	N	Fluorene	10.5 U	3	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Hexachlorocyclopentadiene	10.5 U	2.3	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Hexachloroethane	10.5 U	2.7	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.5 U	2.7	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Naphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Nitrobenzene	21 U	2.9	21	UG/L
	ST106-GW-1067-27012009	WATER	N	n-Nitrosodi-n-propylamine	21 U	3.2	21	UG/L
	ST106-GW-1067-27012009	WATER	N	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Pentachlorophenol	63.2 U	2.7	63.2	UG/L
	ST106-GW-1067-27012009	WATER	N	Phenanthrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Phenol	10.5 U	1.8	10.5	UG/L
	ST106-GW-1067-27012009	WATER	N	Pyrene	10.5 U	3	10.5	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,2-Dichlorobenzene	9.7 U	2.5	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1,3-Dinitrobenzene	9.7 U	2.4	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2,4,5-Trichlorophenol	19.4 U	3.3	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2,4,6-Trichlorophenol	19.4 U	3.5	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2,4-Dimethylphenol	9.7 U	2.2	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2,4-Dinitrophenol	58.2 U	5.4	58.2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2,4-Dinitrotoluene	19.4 U	2.7	19.4	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1067-27012009Dup	WATER	FD	2,6-Dinitrotoluene	19.4 U	2.7	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2-Chloronaphthalene	9.7 U	2.7	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2-Chlorophenol	9.7 U	2.8	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2-Methylnaphthalene	9.7 U	2.7	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2-Methylphenol	9.7 U	2.5	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2-Nitroaniline	48.5 U	2.9	48.5	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2-Nitrophenol	19.4 U	3.3	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	3,3'-Dichlorobenzidine	19.4 U	2.6	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	3-Nitroaniline	48.5 U	2.7	48.5	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	4,6-Dinitro-2-methylphenol	58.2 U	3.2	58.2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	4-Bromophenyl phenyl ether	9.7 U	2.2	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	4-Chloro-3-methylphenol	19.4 U	2.6	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	4-Chloroaniline	19.4 U	2.9	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	4-Chlorophenyl phenyl ether	9.7 U	2.4	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	4-Methylphenol	19.4 U	5.9	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	4-Nitroaniline	9.7 U	2.7	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	4-Nitrophenol	48.5 U	2.8	48.5	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Acenaphthene	9.7 U	2.7	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Acenaphthylene	9.7 U	2.9	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Anthracene	9.7 U	2.7	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzidine	146 U	19.4	146	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzo (a) pyrene	9.7 U	2.7	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzo (b) fluoranthene	9.7 U	2.5	9.7	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1067-27012009Dup	WATER	FD	Benzo (g,h,i) perylene	9.7 U	2.5	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzo(a)anthracene	9.7 U	2.5	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzo(k)fluoranthene	9.7 U	2.8	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzoic acid	58.2 U	13.6	58.2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Bis (2-chloroethoxy) methane	9.7 U	3.4	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Bis (2-chloroethyl) ether	9.7 U	2.9	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Bis (2-ethylhexyl) phthalate	9.7 U	4.3	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Butyl benzylphthalate	19.4 U	2.9	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Chrysene	9.7 U	2.8	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Dibenzo (a,h) anthracene	9.7 U	2.6	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Dibenzofuran	9.7 U	2.6	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Diethyl phthalate	9.7 U	2.7	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Dimethyl phthalate	9.7 U	2.9	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Di-n-butylphthalate	19.4 U	2.8	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Di-n-octylphthalate	19.4 U	2.7	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Fluoranthene	19.4 U	2.7	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Fluorene	9.7 U	2.8	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Hexachlorobenzene	9.7 U	0.4	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Hexachlorobutadiene	9.7 U	2.4	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Hexachlorocyclopentadiene	9.7 U	2.1	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Hexachloroethane	9.7 U	2.5	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Indeno(1,2,3-cd)pyrene	9.7 U	2.5	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Naphthalene	9.7 U	2.7	9.7	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1067-27012009Dup	WATER	FD	Nitrobenzene	19.4 U	2.7	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	n-Nitrosodi-n-propylamine	19.4 U	2.9	19.4	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	n-Nitrosodiphenylamine	9.7 U	3.3	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Pentachlorophenol	58.2 U	2.5	58.2	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Phenanthrene	9.7 U	2.7	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Phenol	9.7 U	1.6	9.7	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Pyrene	9.7 U	2.8	9.7	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,2-Dichlorobenzene	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1,3-Dinitrobenzene	10.4 U	2.6	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2,4,5-Trichlorophenol	20.8 U	3.5	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2,4,6-Trichlorophenol	20.8 U	3.8	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2,4-Dimethylphenol	10.4 U	2.4	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2,4-Dinitrophenol	62.5 U	5.8	62.5	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2,4-Dinitrotoluene	20.8 U	2.9	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2,6-Dinitrotoluene	20.8 U	2.9	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2-Chloronaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2-Chlorophenol	10.4 U	3	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2-Methylnaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2-Methylphenol	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2-Nitroaniline	52.1 U	3.1	52.1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2-Nitrophenol	20.8 U	3.5	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	3,3'-Dichlorobenzidine	20.8 U	2.8	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	3-Nitroaniline	52.1 U	2.9	52.1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-2819RC-22012009	WATER	N	4,6-Dinitro-2-methylphenol	62.5 U	3.4	62.5	UG/L
	ST106-GW-2819RC-22012009	WATER	N	4-Bromophenyl phenyl ether	10.4 U	2.4	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	4-Chloro-3-methylphenol	20.8 U	2.8	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	4-Chloroaniline	20.8 U	3.1	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	4-Chlorophenyl phenyl ether	10.4 U	2.6	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	4-Methylphenol	20.8 U	6.4	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	4-Nitroaniline	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	4-Nitrophenol	52.1 U	3	52.1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Acenaphthene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Acenaphthylene	10.4 U	3.1	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Anthracene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzidine	156 U	20.8	156	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzo (a) pyrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzo (b) fluoranthene	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzo (g,h,i) perylene	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzo(a)anthracene	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzo(k)fluoranthene	10.4 U	3	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzoic acid	62.5 U	14.6	62.5	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Bis (2-chloroethoxy) methane	10.4 U	3.6	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Bis (2-chloroethyl) ether	10.4 U	3.1	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Bis (2-ethylhexyl) phthalate	9.7 J	4.6	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Butyl benzylphthalate	20.8 U	3.1	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Chrysene	10.4 U	3	10.4	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-2819RC-22012009	WATER	N	Dibenzo (a,h) anthracene	10.4 U	2.8	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Dibenzofuran	10.4 U	2.8	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Diethyl phthalate	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Dimethyl phthalate	10.4 U	3.1	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Di-n-butylphthalate	20.8 U	3	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Di-n-octylphthalate	20.8 U	2.9	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Fluoranthene	20.8 U	2.9	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Fluorene	10.4 U	3	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Hexachlorobenzene	10.4 U	0.43	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Hexachlorobutadiene	10.4 U	2.6	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Hexachlorocyclopentadiene	10.4 U	2.3	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Hexachloroethane	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Naphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Nitrobenzene	20.8 U	2.9	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	n-Nitrosodi-n-propylamine	20.8 U	3.1	20.8	UG/L
	ST106-GW-2819RC-22012009	WATER	N	n-Nitrosodiphenylamine	10.4 U	3.5	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Pentachlorophenol	62.5 U	2.7	62.5	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Phenanthrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Phenol	10.4 U	1.8	10.4	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Pyrene	10.4 U	3	10.4	UG/L
	ST106-GW-3411-20012009	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-3411-20012009	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	2,4,6-Trichlorophenol	20.6 U	3.7	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-3411-20012009	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-3411-20012009	WATER	N	2-Nitrophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-3411-20012009	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	3.4	61.8	UG/L
	ST106-GW-3411-20012009	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	4-Nitroaniline	10.3 U	2.9	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	4-Nitrophenol	51.5 UJ	3	51.5	UG/L
	ST106-GW-3411-20012009	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-3411-20012009	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzoic acid	61.8 U	14.4	61.8	UG/L
	ST106-GW-3411-20012009	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Dibenzo (a,h) anthracene	10.3 U	2.8	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Di-n-butylphthalate	20.6 U	3	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	Di-n-octylphthalate	20.6 U	2.9	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-3411-20012009	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Hexachlorocyclopentadiene	10.3 U	2.3	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	2.7	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Nitrobenzene	20.6 U	2.9	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-3411-20012009	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Pentachlorophenol	61.8 U	2.7	61.8	UG/L
	ST106-GW-3411-20012009	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-3411-20012009	WATER	N	Pyrene	10.3 U	3	10.3	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.7	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2,4,5-Trichlorophenol	20.5 U	3.5	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2,4,6-Trichlorophenol	20.5 U	3.7	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2,4-Dimethylphenol	10.2 U	2.4	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2,4-Dinitrophenol	61.5 U	5.7	61.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2,4-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2,6-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2-Chloronaphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2-Methylnaphthalene	10.2 U	2.9	10.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-29012009	WATER	N	2-Methylphenol	10.2 U	2.7	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2-Nitroaniline	51.3 U	3.1	51.3	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2-Nitrophenol	20.5 U	3.5	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	3,3'-Dichlorobenzidine	20.5 U	2.8	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	3-Nitroaniline	51.3 U	2.9	51.3	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	4,6-Dinitro-2-methylphenol	61.5 U	3.4	61.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.4	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	4-Chloro-3-methylphenol	20.5 U	2.8	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	4-Chloroaniline	20.5 U	3.1	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	4-Methylphenol	20.5 U	6.2	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	4-Nitroaniline	10.2 U	2.9	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	4-Nitrophenol	51.3 U	3	51.3	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Acenaphthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Anthracene	10.2 U	2.9	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzidine	154 U	20.5	154	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzo (a) pyrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.7	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.7	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzo(a)anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzoic acid	61.5 U	14.4	61.5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-29012009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Bis (2-ethylhexyl) phthalate	6.2 J	4.5	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Butyl benzylphthalate	20.5 U	3.1	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Diethyl phthalate	10.2 U	2.9	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Di-n-butylphthalate	20.5 U	3	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Di-n-octylphthalate	20.5 U	2.9	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Fluoranthene	20.5 U	2.9	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Hexachloroethane	10.2 U	2.7	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.7	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Naphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Nitrobenzene	20.5 U	2.9	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	n-Nitrosodi-n-propylamine	20.5 U	3.1	20.5	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Pentachlorophenol	61.5 U	2.7	61.5	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-29012009	WATER	N	Phenanthrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Phenol	10.2 U	1.7	10.2	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Pyrene	10.2 U	3	10.2	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2,4,6-Trichlorophenol	20.6 U	3.7	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2-Nitrophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	3.4	61.8	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB15-29012009	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	4-Nitroaniline	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	4-Nitrophenol	51.5 U	3	51.5	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzoic acid	61.8 U	14.4	61.8	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Dibenzo (a,h) anthracene	10.3 U	2.8	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB15-29012009	WATER	N	Di-n-butylphthalate	20.6 U	3	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Di-n-octylphthalate	20.6 U	2.9	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Hexachlorocyclopentadiene	10.3 U	2.3	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Nitrobenzene	20.6 U	2.9	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Pentachlorophenol	61.8 U	2.7	61.8	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Phenol	10.3 U	1.8	10.3	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Pyrene	10.3 U	3	10.3	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,2-Dichlorobenzene	10.4 U	2.7	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	1,3-Dinitrobenzene	10.4 U	2.6	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2,4,5-Trichlorophenol	20.7 U	3.5	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2,4,6-Trichlorophenol	20.7 U	3.7	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2,4-Dimethylphenol	10.4 U	2.4	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2,4-Dinitrophenol	62.2 U	5.8	62.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB16-29012009	WATER	N	2,4-Dinitrotoluene	20.7 U	2.9	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2,6-Dinitrotoluene	20.7 U	2.9	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2-Chloronaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2-Chlorophenol	10.4 U	3	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2-Methylnaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2-Methylphenol	10.4 U	2.7	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2-Nitroaniline	51.8 U	3.1	51.8	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2-Nitrophenol	20.7 U	3.5	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	3,3'-Dichlorobenzidine	20.7 U	2.8	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	3-Nitroaniline	51.8 U	2.9	51.8	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	4,6-Dinitro-2-methylphenol	62.2 U	3.4	62.2	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	4-Bromophenyl phenyl ether	10.4 U	2.4	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	4-Chloro-3-methylphenol	20.7 U	2.8	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	4-Chloroaniline	20.7 U	3.1	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	4-Chlorophenyl phenyl ether	10.4 U	2.6	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	4-Methylphenol	20.7 U	6.3	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	4-Nitroaniline	10.4 U	2.9	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	4-Nitrophenol	51.8 U	3	51.8	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Acenaphthene	10.4 U	2.9	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Acenaphthylene	10.4 U	3.1	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Anthracene	10.4 U	2.9	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzidine	155 U	20.7	155	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzo (a) pyrene	10.4 U	2.9	10.4	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB16-29012009	WATER	N	Benzo (b) fluoranthene	10.4 U	2.7	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzo (g,h,i) perylene	10.4 U	2.7	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzo(a)anthracene	10.4 U	2.7	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzo(k)fluoranthene	10.4 U	3	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzoic acid	62.2 U	14.5	62.2	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Bis (2-chloroethoxy) methane	10.4 U	3.6	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Bis (2-chloroethyl) ether	10.4 U	3.1	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Bis (2-ethylhexyl) phthalate	24.8	4.6	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Butyl benzylphthalate	20.7 U	3.1	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Chrysene	10.4 U	3	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Dibenzo (a,h) anthracene	10.4 U	2.8	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Dibenzofuran	10.4 U	2.8	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Diethyl phthalate	10.4 U	2.9	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Dimethyl phthalate	10.4 U	3.1	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Di-n-butylphthalate	20.7 U	3	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Di-n-octylphthalate	20.7 U	2.9	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Fluoranthene	20.7 U	2.9	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Fluorene	10.4 U	3	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Hexachlorobenzene	10.4 U	0.42	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Hexachlorobutadiene	10.4 U	2.6	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Hexachlorocyclopentadiene	10.4 U	2.3	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Hexachloroethane	10.4 U	2.7	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Indeno(1,2,3-cd)pyrene	10.4 U	2.7	10.4	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB16-29012009	WATER	N	Naphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Nitrobenzene	20.7 U	2.9	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	n-Nitrosodi-n-propylamine	20.7 U	3.1	20.7	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	n-Nitrosodiphenylamine	10.4 U	3.5	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Pentachlorophenol	62.2 U	2.7	62.2	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Phenanthrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Phenol	10.4 U	1.8	10.4	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Pyrene	10.4 U	3	10.4	UG/L
SW8310								
	ST106-GW-10611-26012009	WATER	N	1-Methylnaphthalene	1.1 U	0.036	1.1	UG/L
	ST106-GW-10611-26012009	WATER	N	2-Methylnaphthalene	1.1 U	0.074	1.1	UG/L
	ST106-GW-10611-26012009	WATER	N	Acenaphthene	1.1 U	0.036	1.1	UG/L
	ST106-GW-10611-26012009	WATER	N	Acenaphthylene	1.1 U	0.03	1.1	UG/L
	ST106-GW-10611-26012009	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzo (a) pyrene	0.22 U	0.036	0.22	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzo (b) fluoranthene	0.22 U	0.034	0.22	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzo (g,h,i) perylene	0.22 U	0.031	0.22	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzo(a)anthracene	0.044 U	0.032	0.22	UG/L
	ST106-GW-10611-26012009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.08	0.16	UG/L
	ST106-GW-10611-26012009	WATER	N	Chrysene	0.22 U	0.094	0.22	UG/L
	ST106-GW-10611-26012009	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.039	0.32	UG/L
	ST106-GW-10611-26012009	WATER	N	Fluoranthene	0.43 U	0.038	0.43	UG/L
	ST106-GW-10611-26012009	WATER	N	Fluorene	0.32 U	0.02	0.32	UG/L
	ST106-GW-10611-26012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.22 U	0.022	0.22	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10611-26012009	WATER	N	Naphthalene	1.1 U	0.045	1.1	UG/L
	ST106-GW-10611-26012009	WATER	N	Phenanthrene	0.32 U	0.042	0.32	UG/L
	ST106-GW-10611-26012009	WATER	N	Pyrene	0.22 U	0.041	0.22	UG/L
	ST106-GW-10612-02022009	WATER	N	1-Methylnaphthalene	0.037 J	0.034	1	UG/L
	ST106-GW-10612-02022009	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Anthracene	0.3 U	0.012	0.3	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.032	0.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.029	0.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzo(a)anthracene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.075	0.15	UG/L
	ST106-GW-10612-02022009	WATER	N	Chrysene	0.2 U	0.088	0.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.036	0.3	UG/L
	ST106-GW-10612-02022009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10612-02022009	WATER	N	Fluorene	0.3 U	0.019	0.3	UG/L
	ST106-GW-10612-02022009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10612-02022009	WATER	N	Naphthalene	0.076 J	0.043	1	UG/L
	ST106-GW-10612-02022009	WATER	N	Phenanthrene	0.3 U	0.04	0.3	UG/L
	ST106-GW-10612-02022009	WATER	N	Pyrene	0.2 U	0.038	0.2	UG/L
	ST106-GW-1061-27012009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1061-27012009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1061-27012009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-1061-27012009	WATER	N	Benzo(k)fluoranthene	0.1 U	0.076	0.1	UG/L
	ST106-GW-1061-27012009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-1061-27012009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-1061-27012009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1061-27012009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-1061-27012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-1061-27012009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-1061-27012009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-1061-27012009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10613-22012009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10613-22012009	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10613-22012009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzo(a)anthracene	0.035 U	0.031	0.2	UG/L
	ST106-GW-10613-22012009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-10613-22012009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10613-22012009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10613-22012009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10613-22012009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-10613-22012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10613-22012009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-10613-22012009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-10613-22012009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10615-26012009	WATER	N	1-Methylnaphthalene	1.1 U	0.036	1.1	UG/L
	ST106-GW-10615-26012009	WATER	N	2-Methylnaphthalene	1.1 U	0.074	1.1	UG/L
	ST106-GW-10615-26012009	WATER	N	Acenaphthene	1.1 U	0.036	1.1	UG/L
	ST106-GW-10615-26012009	WATER	N	Acenaphthylene	1.1 U	0.03	1.1	UG/L
	ST106-GW-10615-26012009	WATER	N	Anthracene	0.33 U	0.013	0.33	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzo (a) pyrene	0.22 U	0.036	0.22	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzo (b) fluoranthene	0.22 U	0.035	0.22	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzo (g,h,i) perylene	0.22 U	0.032	0.22	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzo(a)anthracene	0.22 U	0.033	0.22	UG/L
	ST106-GW-10615-26012009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.08	0.16	UG/L
	ST106-GW-10615-26012009	WATER	N	Chrysene	0.22 U	0.094	0.22	UG/L
	ST106-GW-10615-26012009	WATER	N	Dibenzo (a,h) anthracene	0.33 U	0.039	0.33	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10615-26012009	WATER	N	Fluoranthene	0.43 U	0.038	0.43	UG/L
	ST106-GW-10615-26012009	WATER	N	Fluorene	0.33 U	0.021	0.33	UG/L
	ST106-GW-10615-26012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.22 U	0.022	0.22	UG/L
	ST106-GW-10615-26012009	WATER	N	Naphthalene	1.1 U	0.046	1.1	UG/L
	ST106-GW-10615-26012009	WATER	N	Phenanthrene	0.33 U	0.042	0.33	UG/L
	ST106-GW-10615-26012009	WATER	N	Pyrene	0.22 U	0.041	0.22	UG/L
	ST106-GW-10616-27012009	WATER	N	1-Methylnaphthalene	0.078 J	0.037	1.1	UG/L
	ST106-GW-10616-27012009	WATER	N	2-Methylnaphthalene	1.1 U	0.076	1.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Acenaphthene	1.1 U	0.037	1.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Acenaphthylene	1.1 U	0.031	1.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Anthracene	0.018 J	0.013	0.33	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzo (a) pyrene	0.22 U	0.037	0.22	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzo (b) fluoranthene	0.22 U	0.036	0.22	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzo (g,h,i) perylene	0.22 U	0.032	0.22	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzo(a)anthracene	0.22 U	0.033	0.22	UG/L
	ST106-GW-10616-27012009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.082	0.16	UG/L
	ST106-GW-10616-27012009	WATER	N	Chrysene	0.22 U	0.097	0.22	UG/L
	ST106-GW-10616-27012009	WATER	N	Dibenzo (a,h) anthracene	0.33 U	0.04	0.33	UG/L
	ST106-GW-10616-27012009	WATER	N	Fluoranthene	0.052 J	0.039	0.44	UG/L
	ST106-GW-10616-27012009	WATER	N	Fluorene	0.33 U	0.021	0.33	UG/L
	ST106-GW-10616-27012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.22 U	0.022	0.22	UG/L
	ST106-GW-10616-27012009	WATER	N	Naphthalene	0.095 J	0.047	1.1	UG/L
	ST106-GW-10616-27012009	WATER	N	Phenanthrene	0.33 U	0.043	0.33	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10616-27012009	WATER	N	Pyrene	0.22 U	0.042	0.22	UG/L
	ST106-GW-10617-23012009	WATER	N	1-Methylnaphthalene	0.058 J	0.036	1.1	UG/L
	ST106-GW-10617-23012009	WATER	N	2-Methylnaphthalene	1.1 U	0.074	1.1	UG/L
	ST106-GW-10617-23012009	WATER	N	Acenaphthene	1.1 U	0.036	1.1	UG/L
	ST106-GW-10617-23012009	WATER	N	Acenaphthylene	1.1 U	0.03	1.1	UG/L
	ST106-GW-10617-23012009	WATER	N	Anthracene	0.33 U	0.013	0.33	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzo (a) pyrene	0.22 U	0.036	0.22	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzo (b) fluoranthene	0.22 U	0.035	0.22	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzo (g,h,i) perylene	0.22 U	0.032	0.22	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzo(a)anthracene	0.22 U	0.033	0.22	UG/L
	ST106-GW-10617-23012009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.08	0.16	UG/L
	ST106-GW-10617-23012009	WATER	N	Chrysene	0.22 U	0.094	0.22	UG/L
	ST106-GW-10617-23012009	WATER	N	Dibenzo (a,h) anthracene	0.33 U	0.039	0.33	UG/L
	ST106-GW-10617-23012009	WATER	N	Fluoranthene	0.43 U	0.038	0.43	UG/L
	ST106-GW-10617-23012009	WATER	N	Fluorene	0.33 U	0.021	0.33	UG/L
	ST106-GW-10617-23012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.22 U	0.022	0.22	UG/L
	ST106-GW-10617-23012009	WATER	N	Naphthalene	0.13 J	0.046	1.1	UG/L
	ST106-GW-10617-23012009	WATER	N	Phenanthrene	0.33 U	0.042	0.33	UG/L
	ST106-GW-10617-23012009	WATER	N	Pyrene	0.22 U	0.041	0.22	UG/L
	ST106-GW-10618-10022009	WATER	N	1-Methylnaphthalene	9.9	0.034	1	UG/L
	ST106-GW-10618-10022009	WATER	N	2-Methylnaphthalene	14.5	0.07	1	UG/L
	ST106-GW-10618-10022009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10618-10022009	WATER	N	Acenaphthylene	0.64 J	0.029	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10618-10022009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzo(a)anthracene	0.085 J	0.031	0.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-10618-10022009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10618-10022009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10618-10022009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-10618-10022009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10618-10022009	WATER	N	Naphthalene	21.4	0.043	1	UG/L
	ST106-GW-10618-10022009	WATER	N	Phenanthrene	1.6	0.04	0.31	UG/L
	ST106-GW-10618-10022009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10619-23012009	WATER	N	1-Methylnaphthalene	0.094 J	0.036	1.1	UG/L
	ST106-GW-10619-23012009	WATER	N	2-Methylnaphthalene	1.1 U	0.074	1.1	UG/L
	ST106-GW-10619-23012009	WATER	N	Acenaphthene	1.1 U	0.036	1.1	UG/L
	ST106-GW-10619-23012009	WATER	N	Acenaphthylene	1.1 U	0.03	1.1	UG/L
	ST106-GW-10619-23012009	WATER	N	Anthracene	0.022 U	0.013	0.32	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzo (a) pyrene	0.22 U	0.036	0.22	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzo (b) fluoranthene	0.22 U	0.034	0.22	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzo (g,h,i) perylene	0.22 U	0.031	0.22	UG/L
	ST106-GW-10619-23012009	WATER	N	Benzo(a)anthracene	0.033 U	0.032	0.22	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10619-23012009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.08	0.16	UG/L
	ST106-GW-10619-23012009	WATER	N	Chrysene	0.22 U	0.094	0.22	UG/L
	ST106-GW-10619-23012009	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.039	0.32	UG/L
	ST106-GW-10619-23012009	WATER	N	Fluoranthene	0.43 U	0.038	0.43	UG/L
	ST106-GW-10619-23012009	WATER	N	Fluorene	0.32 U	0.02	0.32	UG/L
	ST106-GW-10619-23012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.22 U	0.022	0.22	UG/L
	ST106-GW-10619-23012009	WATER	N	Naphthalene	1.1 U	0.045	1.1	UG/L
	ST106-GW-10619-23012009	WATER	N	Phenanthrene	0.32 U	0.042	0.32	UG/L
	ST106-GW-10619-23012009	WATER	N	Pyrene	0.22 U	0.041	0.22	UG/L
	ST106-GW-10620-22012009	WATER	N	1-Methylnaphthalene	1 U	0.035	1	UG/L
	ST106-GW-10620-22012009	WATER	N	2-Methylnaphthalene	1 U	0.072	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Acenaphthene	1 U	0.035	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-10620-22012009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.078	0.16	UG/L
	ST106-GW-10620-22012009	WATER	N	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-10620-22012009	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-10620-22012009	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-10620-22012009	WATER	N	Fluorene	0.32 U	0.02	0.32	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10620-22012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10620-22012009	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-10620-22012009	WATER	N	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-10620-22012009	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-1062-20012009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1062-20012009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-1062-20012009	WATER	N	Benzo(k)fluoranthene	0.1 U	0.076	0.1	UG/L
	ST106-GW-1062-20012009	WATER	N	Chrysene	0.21 U	0.09	0.21	UG/L
	ST106-GW-1062-20012009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-1062-20012009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1062-20012009	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-1062-20012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-1062-20012009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-1062-20012009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-1062-20012009	WATER	N	Pyrene	0.21 U	0.039	0.21	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	1-Methylnaphthalene	1 U	0.034	1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1062-20012009DUP	WATER	FD	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Benzo(k)fluoranthene	0.1 U	0.076	0.1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-1062-20012009DUP	WATER	FD	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-1063-20012009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1063-20012009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1063-20012009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-1063-20012009	WATER	N	Benzo(k)fluoranthene	0.1 U	0.076	0.1	UG/L
	ST106-GW-1063-20012009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-1063-20012009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-1063-20012009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1063-20012009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-1063-20012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-1063-20012009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-1063-20012009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-1063-20012009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-1064-21012009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1064-21012009	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Anthracene	0.036 U	0.012	0.31	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzo (g,h,i) perylene	0.036 J	0.03	0.2	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-1064-21012009	WATER	N	Benzo(k)fluoranthene	0.1 U	0.076	0.1	UG/L
	ST106-GW-1064-21012009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1064-21012009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-1064-21012009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1064-21012009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-1064-21012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.028 J	0.02	0.2	UG/L
	ST106-GW-1064-21012009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-1064-21012009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-1064-21012009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-1067-27012009	WATER	N	1-Methylnaphthalene	1.1 U	0.037	1.1	UG/L
	ST106-GW-1067-27012009	WATER	N	2-Methylnaphthalene	1.1 U	0.076	1.1	UG/L
	ST106-GW-1067-27012009	WATER	N	Acenaphthene	1.1 U	0.037	1.1	UG/L
	ST106-GW-1067-27012009	WATER	N	Acenaphthylene	1.1 U	0.031	1.1	UG/L
	ST106-GW-1067-27012009	WATER	N	Anthracene	0.33 U	0.013	0.33	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzo (a) pyrene	0.22 U	0.037	0.22	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzo (b) fluoranthene	0.22 U	0.036	0.22	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzo (g,h,i) perylene	0.22 U	0.032	0.22	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzo(a)anthracene	0.22 U	0.033	0.22	UG/L
	ST106-GW-1067-27012009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.082	0.16	UG/L
	ST106-GW-1067-27012009	WATER	N	Chrysene	0.22 U	0.097	0.22	UG/L
	ST106-GW-1067-27012009	WATER	N	Dibenzo (a,h) anthracene	0.33 U	0.04	0.33	UG/L
	ST106-GW-1067-27012009	WATER	N	Fluoranthene	0.44 U	0.039	0.44	UG/L
	ST106-GW-1067-27012009	WATER	N	Fluorene	0.33 U	0.021	0.33	UG/L
	ST106-GW-1067-27012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.22 U	0.022	0.22	UG/L
	ST106-GW-1067-27012009	WATER	N	Naphthalene	1.1 U	0.047	1.1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1067-27012009	WATER	N	Phenanthrene	0.33 U	0.043	0.33	UG/L
	ST106-GW-1067-27012009	WATER	N	Pyrene	0.22 U	0.042	0.22	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	1-Methylnaphthalene	1.1 U	0.035	1.1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	2-Methylnaphthalene	1.1 U	0.072	1.1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Acenaphthene	1.1 U	0.035	1.1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Acenaphthylene	1.1 U	0.03	1.1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzo (g,h,i) perylene	0.21 U	0.031	0.21	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Benzo(k)fluoranthene	0.16 U	0.079	0.16	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Fluorene	0.32 U	0.02	0.32	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Naphthalene	1.1 U	0.045	1.1	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-1067-27012009Dup	WATER	FD	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-2819RC-22012009	WATER	N	1-Methylnaphthalene	0.069 J	0.038	1.1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	2-Methylnaphthalene	1.1 U	0.077	1.1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Acenaphthene	1.1 U	0.038	1.1	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-2819RC-22012009	WATER	N	Acenaphthylene	1.1 U	0.032	1.1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Anthracene	0.34 U	0.014	0.34	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzo (a) pyrene	0.23 U	0.038	0.23	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzo (b) fluoranthene	0.23 U	0.036	0.23	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzo (g,h,i) perylene	0.23 U	0.033	0.23	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzo(a)anthracene	0.23 U	0.034	0.23	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Benzo(k)fluoranthene	0.17 U	0.084	0.17	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Chrysene	0.23 U	0.099	0.23	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Dibenzo (a,h) anthracene	0.34 U	0.041	0.34	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Fluoranthene	0.45 U	0.04	0.45	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Fluorene	0.34 U	0.022	0.34	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.23 U	0.023	0.23	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Naphthalene	1.1 U	0.048	1.1	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Phenanthrene	0.34 U	0.044	0.34	UG/L
	ST106-GW-2819RC-22012009	WATER	N	Pyrene	0.23 U	0.043	0.23	UG/L
	ST106-GW-3411-20012009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-3411-20012009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-3411-20012009	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-3411-20012009	WATER	N	Benzo(k)fluoranthene	0.1 U	0.077	0.1	UG/L
	ST106-GW-3411-20012009	WATER	N	Chrysene	0.21 U	0.09	0.21	UG/L
	ST106-GW-3411-20012009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-3411-20012009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-3411-20012009	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-3411-20012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-3411-20012009	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-3411-20012009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-3411-20012009	WATER	N	Pyrene	0.21 U	0.039	0.21	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Chrysene	0.21 U	0.09	0.21	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB03-29012009	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-KAFB03-29012009	WATER	N	Pyrene	0.21 U	0.039	0.21	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.077	0.15	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Chrysene	0.21 U	0.09	0.21	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-KAFB15-29012009	WATER	N	Pyrene	0.21 U	0.039	0.21	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB16-29012009	WATER	N	1-Methylnaphthalene	1.1 U	0.037	1.1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	2-Methylnaphthalene	1.1 U	0.076	1.1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Acenaphthene	1.1 U	0.037	1.1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Acenaphthylene	1.1 U	0.031	1.1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Anthracene	0.017 J	0.013	0.33	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzo (a) pyrene	0.22 U	0.037	0.22	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzo (b) fluoranthene	0.22 U	0.036	0.22	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzo (g,h,i) perylene	0.22 U	0.032	0.22	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzo(a)anthracene	0.22 U	0.033	0.22	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.082	0.16	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Chrysene	0.22 U	0.097	0.22	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Dibenzo (a,h) anthracene	0.33 U	0.04	0.33	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Fluoranthene	0.44 U	0.039	0.44	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Fluorene	0.33 U	0.021	0.33	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Indeno(1,2,3-cd)pyrene	0.22 U	0.022	0.22	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Naphthalene	1.1 U	0.047	1.1	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Phenanthrene	0.33 U	0.043	0.33	UG/L
	ST106-GW-KAFB16-29012009	WATER	N	Pyrene	0.22 U	0.042	0.22	UG/L

TABLE 3
Results by Location
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units

QA/QC Type

N = Normal Environmental Sample
FD = Field Duplicate

* The most severe flag for each analyte becomes the final validation flag

Qualifier Description:

J = The analyte was positively identified, the quantitation is an estimate.
U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the reporting limit (RL).
UJ = The analyte was analyzed for, but not detected. The associated numerical value is at or below the reporting limit (RL) and the the quantitation is an estimate.

TABLE 4
Holding Time
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
E300	ST106-GW-10611-260	WATER	N	1 Days - A	1/26/2009		1/27/2009
	ST106-GW-10612-020	WATER	N	Days - E	2/2/2009		2/3/2009
	ST106-GW-10612-020	WATER	N	4 Days - A	2/2/2009		2/6/2009
	ST106-GW-1061-2701	WATER	N	1 Days - A	1/27/2009		1/28/2009
	ST106-GW-10613-220	WATER	N	1 Days - A	1/22/2009		1/23/2009
	ST106-GW-10615-260	WATER	N	1 Days - A	1/26/2009		1/27/2009
	ST106-GW-10616-270	WATER	N	1 Days - A	1/27/2009		1/28/2009
	ST106-GW-10617-230	WATER	N	1 Days - A	1/23/2009		1/24/2009
	ST106-GW-10618-100	WATER	N	2 Days - A	2/10/2009		2/12/2009
	ST106-GW-10618-100	WATER	N	Days - E	2/10/2009		2/11/2009
	ST106-GW-10619-230	WATER	N	1 Days - A	1/23/2009		1/24/2009
	ST106-GW-10620-220	WATER	N	Days - E	1/22/2009		1/23/2009
	ST106-GW-10620-220	WATER	N	12 Days - A	1/22/2009		2/3/2009
	ST106-GW-1062-2001	WATER	N	1 Days - A	1/20/2009		1/21/2009
	ST106-GW-1062-2001	WATER	FD	1 Days - A	1/20/2009		1/21/2009
	ST106-GW-1063-2001	WATER	N	Days - E	1/20/2009		1/21/2009
	ST106-GW-1063-2001	WATER	N	13 Days - A	1/20/2009		2/2/2009
	ST106-GW-1064-2101	WATER	N	2 Days - A	1/21/2009		1/23/2009
	ST106-GW-1064-2101	WATER	N	Days - E	1/21/2009		1/22/2009
	ST106-GW-1067-2701	WATER	N	1 Days - A	1/27/2009		1/28/2009
	ST106-GW-1067-2701	WATER	FD	1 Days - A	1/27/2009		1/28/2009
	ST106-GW-2819RC-22	WATER	N	1 Days - A	1/22/2009		1/23/2009
	ST106-GW-3411-2001	WATER	N	Days - E	1/20/2009		1/21/2009
	ST106-GW-3411-2001	WATER	N	13 Days - A	1/20/2009		2/2/2009
	ST106-GW-KAFB03-29	WATER	N	1 Days - A	1/29/2009		1/30/2009
	ST106-GW-KAFB15-29	WATER	N	1 Days - A	1/29/2009		1/30/2009
	ST106-GW-KAFB16-29	WATER	N	Days - E	1/29/2009		1/30/2009
SW6010B	ST106-GW-10611-260	WATER	N	3 Days - E	1/26/2009	1/29/2009	2/3/2009
	ST106-GW-10612-020	WATER	N	3 Days - E	2/2/2009	2/5/2009	2/9/2009
	ST106-GW-1061-2701	WATER	N	2 Days - E	1/27/2009	1/29/2009	2/3/2009
	ST106-GW-10613-220	WATER	N	6 Days - E	1/22/2009	1/28/2009	1/29/2009
	ST106-GW-10615-260	WATER	N	3 Days - E	1/26/2009	1/29/2009	2/3/2009
	ST106-GW-10616-270	WATER	N	2 Days - E	1/27/2009	1/29/2009	2/3/2009
	ST106-GW-10617-230	WATER	N	5 Days - E	1/23/2009	1/28/2009	1/29/2009
	ST106-GW-10618-100	WATER	N	2 Days - E	2/10/2009	2/12/2009	2/13/2009
	ST106-GW-10619-230	WATER	N	5 Days - E	1/23/2009	1/28/2009	1/29/2009
	ST106-GW-10620-220	WATER	N	6 Days - E	1/22/2009	1/28/2009	1/29/2009
	ST106-GW-1062-2001	WATER	N	1 Days - E	1/20/2009	1/21/2009	1/23/2009
	ST106-GW-1062-2001	WATER	FD	1 Days - E	1/20/2009	1/21/2009	1/23/2009

TABLE 4
Holding Time
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW6010B	ST106-GW-1063-2001	WATER	N	1 Days - E	1/20/2009	1/21/2009	1/23/2009
	ST106-GW-1064-2101	WATER	N	7 Days - E	1/21/2009	1/28/2009	1/29/2009
	ST106-GW-1067-2701	WATER	N	2 Days - E	1/27/2009	1/29/2009	2/3/2009
	ST106-GW-1067-2701	WATER	FD	2 Days - E	1/27/2009	1/29/2009	2/3/2009
	ST106-GW-2819RC-22	WATER	N	6 Days - E	1/22/2009	1/28/2009	1/29/2009
	ST106-GW-3411-2001	WATER	N	1 Days - E	1/20/2009	1/21/2009	1/23/2009
	ST106-GW-KAFB03-29	WATER	N	1 Days - E	1/29/2009	1/30/2009	2/3/2009
	ST106-GW-KAFB15-29	WATER	N	1 Days - E	1/29/2009	1/30/2009	2/3/2009
	ST106-GW-KAFB16-29	WATER	N	1 Days - E	1/29/2009	1/30/2009	2/3/2009
SW8011	ST106-GW-10611-260	WATER	N	3 Days - A	1/26/2009	1/28/2009	1/29/2009
	ST106-GW-10612-020	WATER	N	2 Days - A	2/2/2009	2/3/2009	2/4/2009
	ST106-GW-1061-2701	WATER	N	2 Days - A	1/27/2009	1/28/2009	1/29/2009
	ST106-GW-10613-220	WATER	N	4 Days - A	1/22/2009	1/23/2009	1/26/2009
	ST106-GW-10615-260	WATER	N	3 Days - A	1/26/2009	1/28/2009	1/29/2009
	ST106-GW-10616-270	WATER	N	2 Days - A	1/27/2009	1/28/2009	1/29/2009
	ST106-GW-10617-230	WATER	N	7 Days - A	1/23/2009	1/28/2009	1/30/2009
	ST106-GW-10617-230	WATER	N	6 Days - A	1/23/2009	1/28/2009	1/29/2009
	ST106-GW-10618-100	WATER	N	2 Days - A	2/10/2009	2/12/2009	2/12/2009
	ST106-GW-10618-100	WATER	N	13 Days - A	2/10/2009	2/12/2009	2/23/2009
	ST106-GW-10619-230	WATER	N	7 Days - A	1/23/2009	1/28/2009	1/30/2009
	ST106-GW-10619-230	WATER	N	6 Days - A	1/23/2009	1/28/2009	1/29/2009
	ST106-GW-10620-220	WATER	N	4 Days - A	1/22/2009	1/23/2009	1/26/2009
	ST106-GW-1062-2001	WATER	N	6 Days - A	1/20/2009	1/23/2009	1/26/2009
	ST106-GW-1062-2001	WATER	FD	6 Days - A	1/20/2009	1/23/2009	1/26/2009
	ST106-GW-1063-2001	WATER	N	6 Days - A	1/20/2009	1/23/2009	1/26/2009
	ST106-GW-1064-2101	WATER	N	5 Days - A	1/21/2009	1/23/2009	1/26/2009
	ST106-GW-1067-2701	WATER	N	2 Days - A	1/27/2009	1/28/2009	1/29/2009
	ST106-GW-1067-2701	WATER	FD	2 Days - A	1/27/2009	1/28/2009	1/29/2009
	ST106-GW-2819RC-22	WATER	N	4 Days - A	1/22/2009	1/23/2009	1/26/2009
	ST106-GW-3411-2001	WATER	N	6 Days - A	1/20/2009	1/23/2009	1/26/2009
	ST106-GW-KAFB03-29	WATER	N	6 Days - A	1/29/2009	2/3/2009	2/4/2009
	ST106-GW-KAFB15-29	WATER	N	6 Days - A	1/29/2009	2/3/2009	2/4/2009
	ST106-GW-KAFB16-29	WATER	N	6 Days - A	1/29/2009	2/3/2009	2/4/2009
SW8015-E	ST106-GW-10611-260	WATER	N	2 Days - E	1/26/2009	1/28/2009	1/28/2009
	ST106-GW-10611-260	WATER	N	4 Days - E	1/26/2009	1/30/2009	1/30/2009
	ST106-GW-10612-020	WATER	N	2 Days - E	2/2/2009	2/4/2009	2/17/2009
	ST106-GW-1061-2701	WATER	N	3 Days - E	1/27/2009	1/30/2009	1/30/2009
	ST106-GW-10613-220	WATER	N	4 Days - E	1/22/2009	1/26/2009	1/27/2009
	ST106-GW-10613-220	WATER	N	8 Days - E	1/22/2009	1/30/2009	1/30/2009

TABLE 4
Holding Time
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8015-E	ST106-GW-10615-260	WATER	N	4 Days - E	1/26/2009	1/30/2009	1/30/2009
	ST106-GW-10616-270	WATER	N	3 Days - E	1/27/2009	1/30/2009	1/30/2009
	ST106-GW-10617-230	WATER	N	3 Days - E	1/23/2009	1/26/2009	1/27/2009
	ST106-GW-10618-100	WATER	N	7 Days - E	2/10/2009	2/17/2009	2/20/2009
	ST106-GW-10619-230	WATER	N	7 Days - E	1/23/2009	1/30/2009	1/30/2009
	ST106-GW-10620-220	WATER	N	4 Days - E	1/22/2009	1/26/2009	1/27/2009
	ST106-GW-10620-220	WATER	N	8 Days - E	1/22/2009	1/30/2009	1/30/2009
	ST106-GW-1062-2001	WATER	N	3 Days - E	1/20/2009	1/23/2009	1/23/2009
	ST106-GW-1062-2001	WATER	FD	3 Days - E	1/20/2009	1/23/2009	1/23/2009
	ST106-GW-1063-2001	WATER	N	3 Days - E	1/20/2009	1/23/2009	1/24/2009
	ST106-GW-1064-2101	WATER	N	2 Days - E	1/21/2009	1/23/2009	1/24/2009
	ST106-GW-1067-2701	WATER	N	3 Days - E	1/27/2009	1/30/2009	1/30/2009
	ST106-GW-1067-2701	WATER	FD	3 Days - E	1/27/2009	1/30/2009	1/30/2009
	ST106-GW-2819RC-22	WATER	N	4 Days - E	1/22/2009	1/26/2009	1/27/2009
	ST106-GW-2819RC-22	WATER	N	8 Days - E	1/22/2009	1/30/2009	1/30/2009
	ST106-GW-3411-2001	WATER	N	3 Days - E	1/20/2009	1/23/2009	1/24/2009
	ST106-GW-KAFB03-29	WATER	N	6 Days - E	1/29/2009	2/4/2009	2/17/2009
	ST106-GW-KAFB15-29	WATER	N	6 Days - E	1/29/2009	2/4/2009	2/17/2009
	ST106-GW-KAFB16-29	WATER	N	6 Days - E	1/29/2009	2/4/2009	2/17/2009
SW8015-P	ST106-GW-10611-260	WATER	N	2 Days - E	1/26/2009	1/28/2009	1/28/2009
	ST106-GW-10612-020	WATER	N	1 Days - E	2/2/2009	2/3/2009	2/3/2009
	ST106-GW-10612-020	WATER	N	1 Days - E	2/2/2009	2/3/2009	2/3/2009
	ST106-GW-1061-2701	WATER	N	2 Days - E	1/27/2009	1/29/2009	1/29/2009
	ST106-GW-10613-220	WATER	N	1 Days - E	1/22/2009	1/23/2009	1/23/2009
	ST106-GW-10615-260	WATER	N	2 Days - E	1/26/2009	1/28/2009	1/28/2009
	ST106-GW-10616-270	WATER	N	1 Days - E	1/27/2009	1/28/2009	1/28/2009
	ST106-GW-10617-230	WATER	N	3 Days - E	1/23/2009	1/26/2009	1/26/2009
	ST106-GW-10618-100	WATER	N	13 Days - E	2/10/2009	2/23/2009	2/23/2009
	ST106-GW-10618-100	WATER	N	13 Days - E	2/10/2009	2/23/2009	2/23/2009
	ST106-GW-10619-230	WATER	N	3 Days - E	1/23/2009	1/26/2009	1/26/2009
	ST106-GW-10620-220	WATER	N	1 Days - E	1/22/2009	1/23/2009	1/23/2009
	ST106-GW-1062-2001	WATER	N	6 Days - E	1/20/2009	1/26/2009	1/26/2009
	ST106-GW-1062-2001	WATER	FD	6 Days - E	1/20/2009	1/26/2009	1/26/2009
	ST106-GW-1063-2001	WATER	N	3 Days - E	1/20/2009	1/23/2009	1/23/2009
	ST106-GW-1064-2101	WATER	N	5 Days - E	1/21/2009	1/26/2009	1/26/2009
	ST106-GW-1067-2701	WATER	N	2 Days - E	1/27/2009	1/29/2009	1/29/2009
	ST106-GW-1067-2701	WATER	FD	2 Days - E	1/27/2009	1/29/2009	1/29/2009
	ST106-GW-2819RC-22	WATER	N	4 Days - E	1/22/2009	1/26/2009	1/26/2009
	ST106-GW-3411-2001	WATER	N	3 Days - E	1/20/2009	1/23/2009	1/23/2009

TABLE 4
Holding Time
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8015-P	ST106-GW-KAFB03-29	WATER	N	1 Days - E	1/29/2009	1/30/2009	1/30/2009
	ST106-GW-KAFB15-29	WATER	N	1 Days - E	1/29/2009	1/30/2009	1/30/2009
	ST106-GW-KAFB16-29	WATER	N	1 Days - E	1/29/2009	1/30/2009	1/30/2009
SW8260B	ST106-GW-10611-260	WATER	N	10 Days - A	1/26/2009	2/5/2009	2/5/2009
	ST106-GW-10612-020	WATER	N	4 Days - A	2/2/2009	2/6/2009	2/6/2009
	ST106-GW-10612-020	WATER	N	5 Days - A	2/2/2009	2/7/2009	2/7/2009
	ST106-GW-1061-2701	WATER	N	9 Days - A	1/27/2009	2/5/2009	2/5/2009
	ST106-GW-10613-220	WATER	N	13 Days - A	1/22/2009	2/4/2009	2/4/2009
	ST106-GW-10615-260	WATER	N	10 Days - A	1/26/2009	2/5/2009	2/5/2009
	ST106-GW-10616-270	WATER	N	9 Days - A	1/27/2009	2/5/2009	2/5/2009
	ST106-GW-10617-230	WATER	N	12 Days - A	1/23/2009	2/4/2009	2/4/2009
	ST106-GW-10618-100	WATER	N	9 Days - A	2/10/2009	2/19/2009	2/19/2009
	ST106-GW-10618-100	WATER	N	10 Days - A	2/10/2009	2/20/2009	2/20/2009
	ST106-GW-10619-230	WATER	N	13 Days - A	1/23/2009	2/5/2009	2/5/2009
	ST106-GW-10619-230	WATER	N	12 Days - A	1/23/2009	2/4/2009	2/4/2009
	ST106-GW-10620-220	WATER	N	13 Days - A	1/22/2009	2/4/2009	2/4/2009
	ST106-GW-1062-2001	WATER	N	13 Days - A	1/20/2009	2/2/2009	2/2/2009
	ST106-GW-1062-2001	WATER	FD	13 Days - A	1/20/2009	2/2/2009	2/2/2009
	ST106-GW-1063-2001	WATER	N	13 Days - A	1/20/2009	2/2/2009	2/2/2009
	ST106-GW-1064-2101	WATER	N	13 Days - A	1/21/2009	2/3/2009	2/3/2009
	ST106-GW-1067-2701	WATER	N	9 Days - A	1/27/2009	2/5/2009	2/5/2009
	ST106-GW-1067-2701	WATER	FD	9 Days - A	1/27/2009	2/5/2009	2/5/2009
	ST106-GW-2819RC-22	WATER	N	13 Days - A	1/22/2009	2/4/2009	2/4/2009
	ST106-GW-3411-2001	WATER	N	13 Days - A	1/20/2009	2/2/2009	2/2/2009
	ST106-GW-KAFB03-29	WATER	N	8 Days - A	1/29/2009	2/6/2009	2/6/2009
	ST106-GW-KAFB15-29	WATER	N	8 Days - A	1/29/2009	2/6/2009	2/6/2009
	ST106-GW-KAFB15-29	WATER	N	8 Days - A	1/29/2009	2/6/2009	2/6/2009
	ST106-GW-KAFB16-29	WATER	N	8 Days - A	1/29/2009	2/6/2009	2/6/2009
SW8270C	ST106-GW-10611-260	WATER	N	2 Days - E	1/26/2009	1/28/2009	1/30/2009
	ST106-GW-10612-020	WATER	N	2 Days - E	2/2/2009	2/4/2009	2/6/2009
	ST106-GW-1061-2701	WATER	N	6 Days - E	1/27/2009	2/2/2009	2/2/2009
	ST106-GW-10613-220	WATER	N	6 Days - E	1/22/2009	1/28/2009	1/29/2009
	ST106-GW-10615-260	WATER	N	2 Days - E	1/26/2009	1/28/2009	1/30/2009
	ST106-GW-10616-270	WATER	N	6 Days - E	1/27/2009	2/2/2009	2/2/2009
	ST106-GW-10617-230	WATER	N	5 Days - E	1/23/2009	1/28/2009	1/30/2009
	ST106-GW-10618-100	WATER	N	7 Days - E	2/10/2009	2/17/2009	2/21/2009
	ST106-GW-10618-100	WATER	N	7 Days - E	2/10/2009	2/17/2009	2/20/2009
	ST106-GW-10619-230	WATER	N	5 Days - E	1/23/2009	1/28/2009	1/30/2009
	ST106-GW-10620-220	WATER	N	6 Days - E	1/22/2009	1/28/2009	1/29/2009

TABLE 4
Holding Time
Sorted by Method and Sample ID

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8270C	ST106-GW-1062-2001	WATER	N	7 Days - E	1/20/2009	1/27/2009	1/28/2009
	ST106-GW-1062-2001	WATER	FD	7 Days - E	1/20/2009	1/27/2009	1/28/2009
	ST106-GW-1063-2001	WATER	N	7 Days - E	1/20/2009	1/27/2009	1/28/2009
	ST106-GW-1064-2101	WATER	N	6 Days - E	1/21/2009	1/27/2009	1/29/2009
	ST106-GW-1067-2701	WATER	N	6 Days - E	1/27/2009	2/2/2009	2/2/2009
	ST106-GW-1067-2701	WATER	FD	6 Days - E	1/27/2009	2/2/2009	2/2/2009
	ST106-GW-2819RC-22	WATER	N	6 Days - E	1/22/2009	1/28/2009	1/30/2009
	ST106-GW-3411-2001	WATER	N	7 Days - E	1/20/2009	1/27/2009	1/28/2009
	ST106-GW-KAFB03-29	WATER	N	4 Days - E	1/29/2009	2/2/2009	2/3/2009
	ST106-GW-KAFB15-29	WATER	N	4 Days - E	1/29/2009	2/2/2009	2/3/2009
	ST106-GW-KAFB16-29	WATER	N	4 Days - E	1/29/2009	2/2/2009	2/3/2009
SW8310	ST106-GW-10611-260	WATER	N	1 Days - E	1/26/2009	1/27/2009	1/27/2009
	ST106-GW-10612-020	WATER	N	3 Days - E	2/2/2009	2/5/2009	2/5/2009
	ST106-GW-1061-2701	WATER	N	2 Days - E	1/27/2009	1/29/2009	1/29/2009
	ST106-GW-10613-220	WATER	N	4 Days - E	1/22/2009	1/26/2009	1/26/2009
	ST106-GW-10615-260	WATER	N	1 Days - E	1/26/2009	1/27/2009	1/27/2009
	ST106-GW-10616-270	WATER	N	2 Days - E	1/27/2009	1/29/2009	1/29/2009
	ST106-GW-10617-230	WATER	N	3 Days - E	1/23/2009	1/26/2009	1/26/2009
	ST106-GW-10618-100	WATER	N	7 Days - E	2/10/2009	2/17/2009	2/18/2009
	ST106-GW-10619-230	WATER	N	3 Days - E	1/23/2009	1/26/2009	1/26/2009
	ST106-GW-10620-220	WATER	N	4 Days - E	1/22/2009	1/26/2009	1/26/2009
	ST106-GW-1062-2001	WATER	N	2 Days - E	1/20/2009	1/22/2009	1/23/2009
	ST106-GW-1062-2001	WATER	FD	2 Days - E	1/20/2009	1/22/2009	1/23/2009
	ST106-GW-1063-2001	WATER	N	2 Days - E	1/20/2009	1/22/2009	1/23/2009
	ST106-GW-1064-2101	WATER	N	5 Days - E	1/21/2009	1/26/2009	1/26/2009
	ST106-GW-1067-2701	WATER	N	2 Days - E	1/27/2009	1/29/2009	1/29/2009
	ST106-GW-1067-2701	WATER	FD	2 Days - E	1/27/2009	1/29/2009	1/29/2009
	ST106-GW-2819RC-22	WATER	N	4 Days - E	1/22/2009	1/26/2009	1/26/2009
	ST106-GW-3411-2001	WATER	N	2 Days - E	1/20/2009	1/22/2009	1/23/2009
	ST106-GW-KAFB03-29	WATER	N	7 Days - E	1/29/2009	2/5/2009	2/5/2009
	ST106-GW-KAFB15-29	WATER	N	5 Days - E	1/29/2009	2/3/2009	2/3/2009
	ST106-GW-KAFB16-29	WATER	N	5 Days - E	1/29/2009	2/3/2009	2/3/2009

* Holding Time - Type 'A' = Analysis holding time, 'E' = Extraction holding time

QA/QC Type

N = Normal Environmental Sample
FD = Field Duplicate

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511584										
	E300	WATER	LB	691269MB	Nitrate	2/2/2009	10	0.015	U	MG/L
			LB	687379MB	Nitrate	1/21/2009	10	0.015	U	MG/L
			LB	687379MB	Sulfate	1/21/2009	1	0.074	U	MG/L
			LB	691269MB	Sulfate	2/2/2009	1	0.074	U	MG/L
	SW6010B		LB	277130BLK	Iron, dissolved	1/23/2009	100	5.5	U	UG/L
			LB	277130BLK	Manganese, dissolved	1/23/2009	10	0.35	U	UG/L
	SW8011		LB	679MB	1,2-Dibromo-3-chloropropane	1/26/2009	0.02	0.008	U	UG/L
			LB	679MB	1,2-Dibromoethane(EDB)	1/26/2009	0.02	0.01	U	UG/L
	SW8015-E		LB	5677BLK	TPH C10-C28	1/23/2009	250	100	U	UG/L
	SW8015-P		LB	0123BLK1	TPH C6-C10	1/23/2009	64	32	U	UG/L
			LB	0126BLK1	TPH C6-C10	1/26/2009	64	32	U	UG/L
			TB	ST106-TB-20012009	TPH C6-C10	1/23/2009	64	32	U	UG/L
	SW8260B		LB	020209BLKA32	1,1,1,2-Tetrachloroethane	2/2/2009	1	0.25	U	UG/L
			LB	020209BLKA32	1,1,1-Trichloroethane	2/2/2009	1	0.16	U	UG/L
			LB	020209BLKA32	1,1,2,2-Tetrachloroethane	2/2/2009	1	0.26	U	UG/L
			LB	020209BLKA32	1,1,2-Trichloroethane	2/2/2009	1	0.28	U	UG/L
			LB	020209BLKA32	1,1-Dichloroethane	2/2/2009	1	0.22	U	UG/L
			LB	020209BLKA32	1,1-Dichloroethene	2/2/2009	1	0.24	U	UG/L
			LB	020209BLKA32	1,1-Dichloropropene	2/2/2009	1	0.19	U	UG/L
			LB	020209BLKA32	1,2,3-Trichlorobenzene	2/2/2009	1.2	0.61	U	UG/L
			LB	020209BLKA32	1,2,3-Trichloropropane	2/2/2009	1.5	0.76	U	UG/L
			LB	020209BLKA32	1,2,4-Trichlorobenzene	2/2/2009	1	0.5	U	UG/L
			LB	020209BLKA32	1,2,4-Trimethylbenzene	2/2/2009	1	0.17	U	UG/L
			LB	020209BLKA32	1,2-Dibromo-3-chloropropane	2/2/2009	5	1.4	U	UG/L
			LB	020209BLKA32	1,2-Dibromoethane(EDB)	2/2/2009	1	0.33	U	UG/L
			LB	020209BLKA32	1,2-Dichlorobenzene	2/2/2009	1	0.26	U	UG/L
			LB	020209BLKA32	1,2-Dichloroethane	2/2/2009	1	0.4	U	UG/L
			LB	020209BLKA32	1,2-Dichloropropane	2/2/2009	1	0.27	U	UG/L
			LB	020209BLKA32	1,3,5-Trimethylbenzene	2/2/2009	1	0.22	U	UG/L
			LB	020209BLKA32	1,3-Dichlorobenzene	2/2/2009	1	0.14	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511584										
	SW8260B	WATER	LB	020209BLKA32	1,3-Dichloropropane	2/2/2009	1	0.19	U	UG/L
			LB	020209BLKA32	1,4-Dichlorobenzene	2/2/2009	1	0.24	U	UG/L
			LB	020209BLKA32	2,2-Dichloropropane	2/2/2009	5	0.32	U	UG/L
			LB	020209BLKA32	2-Butanone	2/2/2009	6	1	U	UG/L
			LB	020209BLKA32	2-Chlorotoluene	2/2/2009	1	0.32	U	UG/L
			LB	020209BLKA32	2-Hexanone	2/2/2009	5	0.8	U	UG/L
			LB	020209BLKA32	4-Chlorotoluene	2/2/2009	1	0.12	U	UG/L
			LB	020209BLKA32	4-Isopropyltoluene	2/2/2009	1	0.24	U	UG/L
			LB	020209BLKA32	4-Methyl-2-pentanone	2/2/2009	5	0.61	U	UG/L
			LB	020209BLKA32	Acetone	2/2/2009	10	3.6	U	UG/L
			LB	020209BLKA32	Benzene	2/2/2009	1	0.16	U	UG/L
			LB	020209BLKA32	Bromobenzene	2/2/2009	1	0.27	U	UG/L
			LB	020209BLKA32	Bromochloromethane	2/2/2009	1	0.38	U	UG/L
			LB	020209BLKA32	Bromodichloromethane	2/2/2009	1	0.15	U	UG/L
			LB	020209BLKA32	Bromoform	2/2/2009	1	0.35	U	UG/L
			LB	020209BLKA32	Bromomethane	2/2/2009	2	0.76	U	UG/L
			LB	020209BLKA32	Carbon disulfide	2/2/2009	2	0.29	U	UG/L
			LB	020209BLKA32	Carbon tetrachloride	2/2/2009	1	0.33	U	UG/L
			LB	020209BLKA32	Chlorobenzene	2/2/2009	1	0.18	U	UG/L
			LB	020209BLKA32	Chloroethane	2/2/2009	2	0.99	U	UG/L
			LB	020209BLKA32	Chloroform	2/2/2009	1	0.29	U	UG/L
			LB	020209BLKA32	Chloromethane	2/2/2009	2	0.68	U	UG/L
			LB	020209BLKA32	cis-1,2-Dichloroethene	2/2/2009	1	0.29	U	UG/L
			LB	020209BLKA32	cis-1,3-Dichloropropene	2/2/2009	1	0.23	U	UG/L
			LB	020209BLKA32	Dibromochloromethane	2/2/2009	1	0.34	U	UG/L
			LB	020209BLKA32	Dibromomethane	2/2/2009	1.1	0.53	U	UG/L
			LB	020209BLKA32	Dichlorodifluoromethane	2/2/2009	2	0.19	U	UG/L
			LB	020209BLKA32	Ethylbenzene	2/2/2009	1	0.43	U	UG/L
			LB	020209BLKA32	Hexachlorobutadiene	2/2/2009	1	0.4	U	UG/L
			LB	020209BLKA32	Isopropylbenzene (Cumene)	2/2/2009	1	0.41	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511584										
	SW8260B	WATER	LB	020209BLKA32	Methylene chloride	2/2/2009	5	0.52	U	UG/L
			LB	020209BLKA32	MTBE	2/2/2009	5	0.26	U	UG/L
			LB	020209BLKA32	Naphthalene	2/2/2009	1	0.32	U	UG/L
			LB	020209BLKA32	n-Butylbenzene	2/2/2009	1	0.22	U	UG/L
			LB	020209BLKA32	n-Propylbenzene	2/2/2009	1	0.28	U	UG/L
			LB	020209BLKA32	o-Xylene	2/2/2009	1	0.2	U	UG/L
			LB	020209BLKA32	p,m-Xylene	2/2/2009	2	0.27	U	UG/L
			LB	020209BLKA32	sec-Butylbenzene	2/2/2009	1	0.2	U	UG/L
			LB	020209BLKA32	Styrene	2/2/2009	1	0.2	U	UG/L
			LB	020209BLKA32	tert-Butylbenzene	2/2/2009	1	0.28	U	UG/L
			LB	020209BLKA32	Tetrachloroethene	2/2/2009	1	0.35	U	UG/L
			LB	020209BLKA32	Toluene	2/2/2009	1	0.22	U	UG/L
			LB	020209BLKA32	trans-1,2-Dichloroethene	2/2/2009	1	0.23	U	UG/L
			LB	020209BLKA32	trans-1,3-Dichloropropene	2/2/2009	1	0.15	U	UG/L
			LB	020209BLKA32	Trichloroethene	2/2/2009	1	0.42	U	UG/L
			LB	020209BLKA32	Trichlorofluoromethane	2/2/2009	2	0.25	U	UG/L
			LB	020209BLKA32	Vinyl chloride	2/2/2009	1	0.28	U	UG/L
			LB	020209BLKA32	Xylene (total)	2/2/2009	2	0.27	U	UG/L
			TB	ST106-TB-20012009	1,1,1,2-Tetrachloroethane	2/2/2009	1	0.25	U	UG/L
			TB	ST106-TB-20012009	1,1,1-Trichloroethane	2/2/2009	1	0.16	U	UG/L
			TB	ST106-TB-20012009	1,1,2,2-Tetrachloroethane	2/2/2009	1	0.26	U	UG/L
			TB	ST106-TB-20012009	1,1,2-Trichloroethane	2/2/2009	1	0.28	U	UG/L
			TB	ST106-TB-20012009	1,1-Dichloroethane	2/2/2009	1	0.22	U	UG/L
			TB	ST106-TB-20012009	1,1-Dichloroethene	2/2/2009	1	0.24	U	UG/L
			TB	ST106-TB-20012009	1,1-Dichloropropene	2/2/2009	1	0.19	U	UG/L
			TB	ST106-TB-20012009	1,2,3-Trichlorobenzene	2/2/2009	1.2	0.61	U	UG/L
			TB	ST106-TB-20012009	1,2,3-Trichloropropane	2/2/2009	1.5	0.76	U	UG/L
			TB	ST106-TB-20012009	1,2,4-Trichlorobenzene	2/2/2009	1	0.5	U	UG/L
			TB	ST106-TB-20012009	1,2,4-Trimethylbenzene	2/2/2009	1	0.17	U	UG/L
			TB	ST106-TB-20012009	1,2-Dibromo-3-chloropropane	2/2/2009	5	1.4	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511584										
	SW8260B	WATER	TB	ST106-TB-20012009	1,2-Dibromoethane(EDB)	2/2/2009	1	0.33	U	UG/L
			TB	ST106-TB-20012009	1,2-Dichlorobenzene	2/2/2009	1	0.26	U	UG/L
			TB	ST106-TB-20012009	1,2-Dichloroethane	2/2/2009	1	0.4	U	UG/L
			TB	ST106-TB-20012009	1,2-Dichloropropane	2/2/2009	1	0.27	U	UG/L
			TB	ST106-TB-20012009	1,3,5-Trimethylbenzene	2/2/2009	1	0.22	U	UG/L
			TB	ST106-TB-20012009	1,3-Dichlorobenzene	2/2/2009	1	0.14	U	UG/L
			TB	ST106-TB-20012009	1,3-Dichloropropane	2/2/2009	1	0.19	U	UG/L
			TB	ST106-TB-20012009	1,4-Dichlorobenzene	2/2/2009	1	0.24	U	UG/L
			TB	ST106-TB-20012009	2,2-Dichloropropane	2/2/2009	5	0.32	U	UG/L
			TB	ST106-TB-20012009	2-Butanone	2/2/2009	6	1	U	UG/L
			TB	ST106-TB-20012009	2-Chlorotoluene	2/2/2009	1	0.32	U	UG/L
			TB	ST106-TB-20012009	2-Hexanone	2/2/2009	5	0.8	U	UG/L
			TB	ST106-TB-20012009	4-Chlorotoluene	2/2/2009	1	0.12	U	UG/L
			TB	ST106-TB-20012009	4-Isopropyltoluene	2/2/2009	1	0.24	U	UG/L
			TB	ST106-TB-20012009	4-Methyl-2-pentanone	2/2/2009	5	0.61	U	UG/L
			TB	ST106-TB-20012009	Acetone	2/2/2009	10	3.6	U	UG/L
			TB	ST106-TB-20012009	Benzene	2/2/2009	1	0.16	U	UG/L
			TB	ST106-TB-20012009	Bromobenzene	2/2/2009	1	0.27	U	UG/L
			TB	ST106-TB-20012009	Bromochloromethane	2/2/2009	1	0.38	U	UG/L
			TB	ST106-TB-20012009	Bromodichloromethane	2/2/2009	1	0.15	U	UG/L
			TB	ST106-TB-20012009	Bromoform	2/2/2009	1	0.35	U	UG/L
			TB	ST106-TB-20012009	Bromomethane	2/2/2009	2	0.76	U	UG/L
			TB	ST106-TB-20012009	Carbon disulfide	2/2/2009	2	0.29	U	UG/L
			TB	ST106-TB-20012009	Carbon tetrachloride	2/2/2009	1	0.33	U	UG/L
			TB	ST106-TB-20012009	Chlorobenzene	2/2/2009	1	0.18	U	UG/L
			TB	ST106-TB-20012009	Chloroethane	2/2/2009	2	0.99	U	UG/L
			TB	ST106-TB-20012009	Chloroform	2/2/2009	1	0.29	U	UG/L
			TB	ST106-TB-20012009	Chloromethane	2/2/2009	2	0.68	U	UG/L
			TB	ST106-TB-20012009	cis-1,2-Dichloroethene	2/2/2009	1	0.29	U	UG/L
			TB	ST106-TB-20012009	cis-1,3-Dichloropropene	2/2/2009	1	0.23	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511584										
	SW8260B	WATER	TB	ST106-TB-20012009	Dibromochloromethane	2/2/2009	1	0.34	U	UG/L
			TB	ST106-TB-20012009	Dibromomethane	2/2/2009	1.1	0.53	U	UG/L
			TB	ST106-TB-20012009	Dichlorodifluoromethane	2/2/2009	2	0.19	U	UG/L
			TB	ST106-TB-20012009	Ethylbenzene	2/2/2009	1	0.43	U	UG/L
			TB	ST106-TB-20012009	Hexachlorobutadiene	2/2/2009	1	0.4	U	UG/L
			TB	ST106-TB-20012009	Isopropylbenzene (Cumene)	2/2/2009	1	0.41	U	UG/L
			TB	ST106-TB-20012009	Methylene chloride	2/2/2009	5	0.52	U	UG/L
			TB	ST106-TB-20012009	MTBE	2/2/2009	5	0.26	U	UG/L
			TB	ST106-TB-20012009	Naphthalene	2/2/2009	1	0.32	U	UG/L
			TB	ST106-TB-20012009	n-Butylbenzene	2/2/2009	1	0.22	U	UG/L
			TB	ST106-TB-20012009	n-Propylbenzene	2/2/2009	1	0.28	U	UG/L
			TB	ST106-TB-20012009	o-Xylene	2/2/2009	1	0.2	U	UG/L
			TB	ST106-TB-20012009	p,m-Xylene	2/2/2009	2	0.27	U	UG/L
			TB	ST106-TB-20012009	sec-Butylbenzene	2/2/2009	1	0.2	U	UG/L
			TB	ST106-TB-20012009	Styrene	2/2/2009	1	0.2	U	UG/L
			TB	ST106-TB-20012009	tert-Butylbenzene	2/2/2009	1	0.28	U	UG/L
			TB	ST106-TB-20012009	Tetrachloroethene	2/2/2009	1	0.35	U	UG/L
			TB	ST106-TB-20012009	Toluene	2/2/2009	1	0.22	U	UG/L
			TB	ST106-TB-20012009	trans-1,2-Dichloroethene	2/2/2009	1	0.23	U	UG/L
			TB	ST106-TB-20012009	trans-1,3-Dichloropropene	2/2/2009	1	0.15	U	UG/L
			TB	ST106-TB-20012009	Trichloroethene	2/2/2009	1	0.42	U	UG/L
			TB	ST106-TB-20012009	Trichlorofluoromethane	2/2/2009	2	0.25	U	UG/L
			TB	ST106-TB-20012009	Vinyl chloride	2/2/2009	1	0.28	U	UG/L
			TB	ST106-TB-20012009	Xylene (total)	2/2/2009	2	0.27	U	UG/L
	SW8270C		LB	5692BLK	1,2-Dichlorobenzene	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	1,3-Dinitrobenzene	1/28/2009	10	2.5	U	UG/L
			LB	5692BLK	2,4,5-Trichlorophenol	1/28/2009	20	3.4	U	UG/L
			LB	5692BLK	2,4,6-Trichlorophenol	1/28/2009	20	3.6	U	UG/L
			LB	5692BLK	2,4-Dimethylphenol	1/28/2009	10	2.3	U	UG/L
			LB	5692BLK	2,4-Dinitrophenol	1/28/2009	60	5.6	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511584										
	SW8270C	WATER	LB	5692BLK	2,4-Dinitrotoluene	1/28/2009	20	2.8	U	UG/L
			LB	5692BLK	2,6-Dinitrotoluene	1/28/2009	20	2.8	U	UG/L
			LB	5692BLK	2-Chloronaphthalene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	2-Chlorophenol	1/28/2009	10	2.9	U	UG/L
			LB	5692BLK	2-Methyl-4,6-dinitrophenol	1/28/2009	60	3.3	U	UG/L
			LB	5692BLK	2-Methylnaphthalene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	2-Methylphenol (o-Cresol)	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	2-Nitroaniline	1/28/2009	50	3	U	UG/L
			LB	5692BLK	2-Nitrophenol	1/28/2009	20	3.4	U	UG/L
			LB	5692BLK	3,3'-Dichlorobenzidine	1/28/2009	20	2.7	U	UG/L
			LB	5692BLK	3-Nitroaniline	1/28/2009	50	2.8	U	UG/L
			LB	5692BLK	4-Bromophenyl-phenylether	1/28/2009	10	2.3	U	UG/L
			LB	5692BLK	4-Chloro-3-methylphenol	1/28/2009	20	2.7	U	UG/L
			LB	5692BLK	4-Chloroaniline	1/28/2009	20	3	U	UG/L
			LB	5692BLK	4-Chlorophenyl-phenylether	1/28/2009	10	2.5	U	UG/L
			LB	5692BLK	4-Methylphenol	1/28/2009	20	6.1	U	UG/L
			LB	5692BLK	4-Nitroaniline	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	4-Nitrophenol	1/28/2009	50	2.9	U	UG/L
			LB	5692BLK	Acenaphthene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	Acenaphthylene	1/28/2009	10	3	U	UG/L
			LB	5692BLK	Anthracene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	Benzidine	1/28/2009	150	20	U	UG/L
			LB	5692BLK	Benzo(a)anthracene	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	Benzo(a)pyrene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	Benzo(b)fluoranthene	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	Benzo(g,h,i)perylene	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	Benzo(k)fluoranthene	1/28/2009	10	2.9	U	UG/L
			LB	5692BLK	Benzoic acid	1/28/2009	60	14	U	UG/L
			LB	5692BLK	Bis(2-Chloroethoxy)methane	1/28/2009	10	3.5	U	UG/L
			LB	5692BLK	Bis(2-Chloroethyl)ether	1/28/2009	10	3	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511584										
	SW8270C	WATER	LB	5692BLK	bis(2-ethylhexyl)phthalate	1/28/2009	10	4.4	U	UG/L
			LB	5692BLK	Butylbenzylphthalate	1/28/2009	20	3	U	UG/L
			LB	5692BLK	Chrysene	1/28/2009	10	2.9	U	UG/L
			LB	5692BLK	Dibenz(a,h)anthracene	1/28/2009	10	2.7	U	UG/L
			LB	5692BLK	Dibenzofuran	1/28/2009	10	2.7	U	UG/L
			LB	5692BLK	Diethylphthalate	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	Dimethyl-phthalate	1/28/2009	10	3	U	UG/L
			LB	5692BLK	Di-n-butylphthalate	1/28/2009	20	2.9	U	UG/L
			LB	5692BLK	Di-n-octylphthalate	1/28/2009	20	2.8	U	UG/L
			LB	5692BLK	Fluoranthene	1/28/2009	20	2.8	U	UG/L
			LB	5692BLK	Fluorene	1/28/2009	10	2.9	U	UG/L
			LB	5692BLK	Hexachlorobenzene	1/28/2009	10	0.41	U	UG/L
			LB	5692BLK	Hexachlorobutadiene	1/28/2009	10	2.5	U	UG/L
			LB	5692BLK	Hexachlorocyclopentadiene	1/28/2009	10	2.2	U	UG/L
			LB	5692BLK	Hexachloroethane	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	Indeno(1,2,3-cd)pyrene	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	Naphthalene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	Nitrobenzene	1/28/2009	20	2.8	U	UG/L
			LB	5692BLK	N-Nitroso-di-n-propylamine	1/28/2009	20	3	U	UG/L
			LB	5692BLK	N-Nitrosodiphenylamine	1/28/2009	10	3.4	U	UG/L
			LB	5692BLK	Pentachlorophenol	1/28/2009	60	2.6	U	UG/L
			LB	5692BLK	Phenanthrene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	Phenol	1/28/2009	10	1.7	U	UG/L
			LB	5692BLK	Pyrene	1/28/2009	10	2.9	U	UG/L
	SW8310		LB	669MB	1-Methylnaphthalene	1/22/2009	1	0.033	U	UG/L
			LB	669MB	2-Methylnaphthalene	1/22/2009	1	0.068	U	UG/L
			LB	669MB	Acenaphthene	1/22/2009	1	0.033	U	UG/L
			LB	669MB	Acenaphthylene	1/22/2009	1	0.028	U	UG/L
			LB	669MB	Anthracene	1/22/2009	0.3	0.012	U	UG/L
			LB	669MB	Benzo(a)anthracene	1/22/2009	0.2	0.03	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511584										
	SW8310	WATER	LB	669MB	Benzo(a)pyrene	1/22/2009	0.2	0.033	U	UG/L
			LB	669MB	Benzo(b)fluoranthene	1/22/2009	0.2	0.032	U	UG/L
			LB	669MB	Benzo(g,h,i)perylene	1/22/2009	0.2	0.029	U	UG/L
			LB	669MB	Benzo(k)fluoranthene	1/22/2009	0.1	0.074	U	UG/L
			LB	669MB	Chrysene	1/22/2009	0.2	0.087	U	UG/L
			LB	669MB	Dibenz(a,h)anthracene	1/22/2009	0.3	0.036	U	UG/L
			LB	669MB	Fluoranthene	1/22/2009	0.4	0.035	U	UG/L
			LB	669MB	Fluorene	1/22/2009	0.3	0.019	U	UG/L
			LB	669MB	Indeno(1,2,3-cd)pyrene	1/22/2009	0.2	0.02	U	UG/L
			LB	669MB	Naphthalene	1/22/2009	1	0.042	U	UG/L
			LB	669MB	Phenanthrene	1/22/2009	0.3	0.039	U	UG/L
			LB	669MB	Pyrene	1/22/2009	0.2	0.038	U	UG/L
2511596										
	E300	WATER	LB	687052MB	Nitrate	1/23/2009	10	0.015	U	MG/L
			LB	687020MB	Nitrate	1/22/2009	10	0.015	U	MG/L
			LB	687052MB	Sulfate	1/23/2009	1	0.074	U	MG/L
			LB	687020MB	Sulfate	1/22/2009	0.338	0.074	J	MG/L
	SW6010B		LB	277663BLK	Iron, dissolved	1/29/2009	100	5.5	U	UG/L
			LB	277663BLK	Manganese, dissolved	1/29/2009	10	0.35	U	UG/L
	SW8011		LB	679MB	1,2-Dibromo-3-chloropropane	1/26/2009	0.02	0.008	U	UG/L
			LB	679MB	1,2-Dibromoethane(EDB)	1/26/2009	0.02	0.01	U	UG/L
	SW8015-E		LB	5677BLK	TPH C10-C28	1/23/2009	250	100	U	UG/L
	SW8015-P		LB	0123BLK1	TPH C6-C10	1/23/2009	64	32	U	UG/L
			LB	0126BLK1	TPH C6-C10	1/26/2009	64	32	U	UG/L
			TB	ST106-TB-21012009	TPH C6-C10	1/23/2009	64	32	U	UG/L
	SW8260B		LB	020309BLKA32	1,1,1,2-Tetrachloroethane	2/3/2009	1	0.25	U	UG/L
			LB	020309BLKA32	1,1,1-Trichloroethane	2/3/2009	1	0.16	U	UG/L
			LB	020309BLKA32	1,1,2,2-Tetrachloroethane	2/3/2009	1	0.26	U	UG/L
			LB	020309BLKA32	1,1,2-Trichloroethane	2/3/2009	1	0.28	U	UG/L
			LB	020309BLKA32	1,1-Dichloroethane	2/3/2009	1	0.22	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511596										
	SW8260B	WATER	LB	020309BLKA32	1,1-Dichloroethene	2/3/2009	1	0.24	U	UG/L
			LB	020309BLKA32	1,1-Dichloropropene	2/3/2009	1	0.19	U	UG/L
			LB	020309BLKA32	1,2,3-Trichlorobenzene	2/3/2009	1.2	0.61	U	UG/L
			LB	020309BLKA32	1,2,3-Trichloropropane	2/3/2009	1.5	0.76	U	UG/L
			LB	020309BLKA32	1,2,4-Trichlorobenzene	2/3/2009	1	0.5	U	UG/L
			LB	020309BLKA32	1,2,4-Trimethylbenzene	2/3/2009	1	0.17	U	UG/L
			LB	020309BLKA32	1,2-Dibromo-3-chloropropane	2/3/2009	5	1.4	U	UG/L
			LB	020309BLKA32	1,2-Dibromoethane(EDB)	2/3/2009	1	0.33	U	UG/L
			LB	020309BLKA32	1,2-Dichlorobenzene	2/3/2009	1	0.26	U	UG/L
			LB	020309BLKA32	1,2-Dichloroethane	2/3/2009	1	0.4	U	UG/L
			LB	020309BLKA32	1,2-Dichloropropane	2/3/2009	1	0.27	U	UG/L
			LB	020309BLKA32	1,3,5-Trimethylbenzene	2/3/2009	1	0.22	U	UG/L
			LB	020309BLKA32	1,3-Dichlorobenzene	2/3/2009	1	0.14	U	UG/L
			LB	020309BLKA32	1,3-Dichloropropane	2/3/2009	1	0.19	U	UG/L
			LB	020309BLKA32	1,4-Dichlorobenzene	2/3/2009	1	0.24	U	UG/L
			LB	020309BLKA32	2,2-Dichloropropane	2/3/2009	5	0.32	U	UG/L
			LB	020309BLKA32	2-Butanone	2/3/2009	6	1	U	UG/L
			LB	020309BLKA32	2-Chlorotoluene	2/3/2009	1	0.32	U	UG/L
			LB	020309BLKA32	2-Hexanone	2/3/2009	5	0.8	U	UG/L
			LB	020309BLKA32	4-Chlorotoluene	2/3/2009	1	0.12	U	UG/L
			LB	020309BLKA32	4-Isopropyltoluene	2/3/2009	1	0.24	U	UG/L
			LB	020309BLKA32	4-Methyl-2-pentanone	2/3/2009	5	0.61	U	UG/L
			LB	020309BLKA32	Acetone	2/3/2009	10	3.6	U	UG/L
			LB	020309BLKA32	Benzene	2/3/2009	1	0.16	U	UG/L
			LB	020309BLKA32	Bromobenzene	2/3/2009	1	0.27	U	UG/L
			LB	020309BLKA32	Bromochloromethane	2/3/2009	1	0.38	U	UG/L
			LB	020309BLKA32	Bromodichloromethane	2/3/2009	1	0.15	U	UG/L
			LB	020309BLKA32	Bromoform	2/3/2009	1	0.35	U	UG/L
			LB	020309BLKA32	Bromomethane	2/3/2009	2	0.76	U	UG/L
			LB	020309BLKA32	Carbon disulfide	2/3/2009	2	0.29	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511596										
	SW8260B	WATER	LB	020309BLKA32	Carbon tetrachloride	2/3/2009	1	0.33	U	UG/L
			LB	020309BLKA32	Chlorobenzene	2/3/2009	1	0.18	U	UG/L
			LB	020309BLKA32	Chloroethane	2/3/2009	2	0.99	U	UG/L
			LB	020309BLKA32	Chloroform	2/3/2009	1	0.29	U	UG/L
			LB	020309BLKA32	Chloromethane	2/3/2009	2	0.68	U	UG/L
			LB	020309BLKA32	cis-1,2-Dichloroethene	2/3/2009	1	0.29	U	UG/L
			LB	020309BLKA32	cis-1,3-Dichloropropene	2/3/2009	1	0.23	U	UG/L
			LB	020309BLKA32	Dibromochloromethane	2/3/2009	1	0.34	U	UG/L
			LB	020309BLKA32	Dibromomethane	2/3/2009	1.1	0.53	U	UG/L
			LB	020309BLKA32	Dichlorodifluoromethane	2/3/2009	2	0.19	U	UG/L
			LB	020309BLKA32	Ethylbenzene	2/3/2009	1	0.43	U	UG/L
			LB	020309BLKA32	Hexachlorobutadiene	2/3/2009	1	0.4	U	UG/L
			LB	020309BLKA32	Isopropylbenzene (Cumene)	2/3/2009	1	0.41	U	UG/L
			LB	020309BLKA32	Methylene chloride	2/3/2009	5	0.52	U	UG/L
			LB	020309BLKA32	MTBE	2/3/2009	5	0.26	U	UG/L
			LB	020309BLKA32	Naphthalene	2/3/2009	1	0.32	U	UG/L
			LB	020309BLKA32	n-Butylbenzene	2/3/2009	1	0.22	U	UG/L
			LB	020309BLKA32	n-Propylbenzene	2/3/2009	1	0.28	U	UG/L
			LB	020309BLKA32	o-Xylene	2/3/2009	1	0.2	U	UG/L
			LB	020309BLKA32	p,m-Xylene	2/3/2009	2	0.27	U	UG/L
			LB	020309BLKA32	sec-Butylbenzene	2/3/2009	1	0.2	U	UG/L
			LB	020309BLKA32	Styrene	2/3/2009	1	0.2	U	UG/L
			LB	020309BLKA32	tert-Butylbenzene	2/3/2009	1	0.28	U	UG/L
			LB	020309BLKA32	Tetrachloroethene	2/3/2009	1	0.35	U	UG/L
			LB	020309BLKA32	Toluene	2/3/2009	1	0.22	U	UG/L
			LB	020309BLKA32	trans-1,2-Dichloroethene	2/3/2009	1	0.23	U	UG/L
			LB	020309BLKA32	trans-1,3-Dichloropropene	2/3/2009	1	0.15	U	UG/L
			LB	020309BLKA32	Trichloroethene	2/3/2009	1	0.42	U	UG/L
			LB	020309BLKA32	Trichlorofluoromethane	2/3/2009	2	0.25	U	UG/L
			LB	020309BLKA32	Vinyl chloride	2/3/2009	1	0.28	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511596										
	SW8260B	WATER	LB	020309BLKA32	Xylene (total)	2/3/2009	2	0.27	U	UG/L
			TB	ST106-TB-21012009	1,1,1,2-Tetrachloroethane	2/3/2009	1	0.25	U	UG/L
			TB	ST106-TB-21012009	1,1,1-Trichloroethane	2/3/2009	1	0.16	U	UG/L
			TB	ST106-TB-21012009	1,1,2,2-Tetrachloroethane	2/3/2009	1	0.26	U	UG/L
			TB	ST106-TB-21012009	1,1,2-Trichloroethane	2/3/2009	1	0.28	U	UG/L
			TB	ST106-TB-21012009	1,1-Dichloroethane	2/3/2009	1	0.22	U	UG/L
			TB	ST106-TB-21012009	1,1-Dichloroethene	2/3/2009	1	0.24	U	UG/L
			TB	ST106-TB-21012009	1,1-Dichloropropene	2/3/2009	1	0.19	U	UG/L
			TB	ST106-TB-21012009	1,2,3-Trichlorobenzene	2/3/2009	1.2	0.61	U	UG/L
			TB	ST106-TB-21012009	1,2,3-Trichloropropane	2/3/2009	1.5	0.76	U	UG/L
			TB	ST106-TB-21012009	1,2,4-Trichlorobenzene	2/3/2009	1	0.5	U	UG/L
			TB	ST106-TB-21012009	1,2,4-Trimethylbenzene	2/3/2009	1	0.17	U	UG/L
			TB	ST106-TB-21012009	1,2-Dibromo-3-chloropropane	2/3/2009	5	1.4	U	UG/L
			TB	ST106-TB-21012009	1,2-Dibromoethane(EDB)	2/3/2009	1	0.33	U	UG/L
			TB	ST106-TB-21012009	1,2-Dichlorobenzene	2/3/2009	1	0.26	U	UG/L
			TB	ST106-TB-21012009	1,2-Dichloroethane	2/3/2009	1	0.4	U	UG/L
			TB	ST106-TB-21012009	1,2-Dichloropropane	2/3/2009	1	0.27	U	UG/L
			TB	ST106-TB-21012009	1,3,5-Trimethylbenzene	2/3/2009	1	0.22	U	UG/L
			TB	ST106-TB-21012009	1,3-Dichlorobenzene	2/3/2009	1	0.14	U	UG/L
			TB	ST106-TB-21012009	1,3-Dichloropropane	2/3/2009	1	0.19	U	UG/L
			TB	ST106-TB-21012009	1,4-Dichlorobenzene	2/3/2009	1	0.24	U	UG/L
			TB	ST106-TB-21012009	2,2-Dichloropropane	2/3/2009	5	0.32	U	UG/L
			TB	ST106-TB-21012009	2-Butanone	2/3/2009	6	1	U	UG/L
			TB	ST106-TB-21012009	2-Chlorotoluene	2/3/2009	1	0.32	U	UG/L
			TB	ST106-TB-21012009	2-Hexanone	2/3/2009	5	0.8	U	UG/L
			TB	ST106-TB-21012009	4-Chlorotoluene	2/3/2009	1	0.12	U	UG/L
			TB	ST106-TB-21012009	4-Isopropyltoluene	2/3/2009	1	0.24	U	UG/L
			TB	ST106-TB-21012009	4-Methyl-2-pentanone	2/3/2009	5	0.61	U	UG/L
			TB	ST106-TB-21012009	Acetone	2/3/2009	10	3.6	U	UG/L
			TB	ST106-TB-21012009	Benzene	2/3/2009	1	0.16	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511596										
	SW8260B	WATER	TB	ST106-TB-21012009	Bromobenzene	2/3/2009	1	0.27	U	UG/L
			TB	ST106-TB-21012009	Bromochloromethane	2/3/2009	1	0.38	U	UG/L
			TB	ST106-TB-21012009	Bromodichloromethane	2/3/2009	1	0.15	U	UG/L
			TB	ST106-TB-21012009	Bromoform	2/3/2009	1	0.35	U	UG/L
			TB	ST106-TB-21012009	Bromomethane	2/3/2009	2	0.76	U	UG/L
			TB	ST106-TB-21012009	Carbon disulfide	2/3/2009	2	0.29	U	UG/L
			TB	ST106-TB-21012009	Carbon tetrachloride	2/3/2009	1	0.33	U	UG/L
			TB	ST106-TB-21012009	Chlorobenzene	2/3/2009	1	0.18	U	UG/L
			TB	ST106-TB-21012009	Chloroethane	2/3/2009	2	0.99	U	UG/L
			TB	ST106-TB-21012009	Chloroform	2/3/2009	1	0.29	U	UG/L
			TB	ST106-TB-21012009	Chloromethane	2/3/2009	2	0.68	U	UG/L
			TB	ST106-TB-21012009	cis-1,2-Dichloroethene	2/3/2009	1	0.29	U	UG/L
			TB	ST106-TB-21012009	cis-1,3-Dichloropropene	2/3/2009	1	0.23	U	UG/L
			TB	ST106-TB-21012009	Dibromochloromethane	2/3/2009	1	0.34	U	UG/L
			TB	ST106-TB-21012009	Dibromomethane	2/3/2009	1.1	0.53	U	UG/L
			TB	ST106-TB-21012009	Dichlorodifluoromethane	2/3/2009	2	0.19	U	UG/L
			TB	ST106-TB-21012009	Ethylbenzene	2/3/2009	1	0.43	U	UG/L
			TB	ST106-TB-21012009	Hexachlorobutadiene	2/3/2009	1	0.4	U	UG/L
			TB	ST106-TB-21012009	Isopropylbenzene (Cumene)	2/3/2009	1	0.41	U	UG/L
			TB	ST106-TB-21012009	Methylene chloride	2/3/2009	5	0.52	U	UG/L
			TB	ST106-TB-21012009	MTBE	2/3/2009	5	0.26	U	UG/L
			TB	ST106-TB-21012009	Naphthalene	2/3/2009	1	0.32	U	UG/L
			TB	ST106-TB-21012009	n-Butylbenzene	2/3/2009	1	0.22	U	UG/L
			TB	ST106-TB-21012009	n-Propylbenzene	2/3/2009	1	0.28	U	UG/L
			TB	ST106-TB-21012009	o-Xylene	2/3/2009	1	0.2	U	UG/L
			TB	ST106-TB-21012009	p,m-Xylene	2/3/2009	2	0.27	U	UG/L
			TB	ST106-TB-21012009	sec-Butylbenzene	2/3/2009	1	0.2	U	UG/L
			TB	ST106-TB-21012009	Styrene	2/3/2009	1	0.2	U	UG/L
			TB	ST106-TB-21012009	tert-Butylbenzene	2/3/2009	1	0.28	U	UG/L
			TB	ST106-TB-21012009	Tetrachloroethene	2/3/2009	1	0.35	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511596										
	SW8260B	WATER	TB	ST106-TB-21012009	Toluene	2/3/2009	1	0.22	U	UG/L
			TB	ST106-TB-21012009	trans-1,2-Dichloroethene	2/3/2009	1	0.23	U	UG/L
			TB	ST106-TB-21012009	trans-1,3-Dichloropropene	2/3/2009	1	0.15	U	UG/L
			TB	ST106-TB-21012009	Trichloroethene	2/3/2009	1	0.42	U	UG/L
			TB	ST106-TB-21012009	Trichlorofluoromethane	2/3/2009	2	0.25	U	UG/L
			TB	ST106-TB-21012009	Vinyl chloride	2/3/2009	1	0.28	U	UG/L
			TB	ST106-TB-21012009	Xylene (total)	2/3/2009	2	0.27	U	UG/L
	SW8270C		LB	5692BLK	1,2-Dichlorobenzene	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	1,3-Dinitrobenzene	1/28/2009	10	2.5	U	UG/L
			LB	5692BLK	2,4,5-Trichlorophenol	1/28/2009	20	3.4	U	UG/L
			LB	5692BLK	2,4,6-Trichlorophenol	1/28/2009	20	3.6	U	UG/L
			LB	5692BLK	2,4-Dimethylphenol	1/28/2009	10	2.3	U	UG/L
			LB	5692BLK	2,4-Dinitrophenol	1/28/2009	60	5.6	U	UG/L
			LB	5692BLK	2,4-Dinitrotoluene	1/28/2009	20	2.8	U	UG/L
			LB	5692BLK	2,6-Dinitrotoluene	1/28/2009	20	2.8	U	UG/L
			LB	5692BLK	2-Chloronaphthalene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	2-Chlorophenol	1/28/2009	10	2.9	U	UG/L
			LB	5692BLK	2-Methyl-4,6-dinitrophenol	1/28/2009	60	3.3	U	UG/L
			LB	5692BLK	2-Methylnaphthalene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	2-Methylphenol (o-Cresol)	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	2-Nitroaniline	1/28/2009	50	3	U	UG/L
			LB	5692BLK	2-Nitrophenol	1/28/2009	20	3.4	U	UG/L
			LB	5692BLK	3,3'-Dichlorobenzidine	1/28/2009	20	2.7	U	UG/L
			LB	5692BLK	3-Nitroaniline	1/28/2009	50	2.8	U	UG/L
			LB	5692BLK	4-Bromophenyl-phenylether	1/28/2009	10	2.3	U	UG/L
			LB	5692BLK	4-Chloro-3-methylphenol	1/28/2009	20	2.7	U	UG/L
			LB	5692BLK	4-Chloroaniline	1/28/2009	20	3	U	UG/L
			LB	5692BLK	4-Chlorophenyl-phenylether	1/28/2009	10	2.5	U	UG/L
			LB	5692BLK	4-Methylphenol	1/28/2009	20	6.1	U	UG/L
			LB	5692BLK	4-Nitroaniline	1/28/2009	10	2.8	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511596										
	SW8270C	WATER	LB	5692BLK	4-Nitrophenol	1/28/2009	50	2.9	U	UG/L
			LB	5692BLK	Acenaphthene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	Acenaphthylene	1/28/2009	10	3	U	UG/L
			LB	5692BLK	Anthracene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	Benzidine	1/28/2009	150	20	U	UG/L
			LB	5692BLK	Benzo(a)anthracene	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	Benzo(a)pyrene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	Benzo(b)fluoranthene	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	Benzo(g,h,i)perylene	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	Benzo(k)fluoranthene	1/28/2009	10	2.9	U	UG/L
			LB	5692BLK	Benzoic acid	1/28/2009	60	14	U	UG/L
			LB	5692BLK	Bis(2-Chloroethoxy)methane	1/28/2009	10	3.5	U	UG/L
			LB	5692BLK	Bis(2-Chloroethyl)ether	1/28/2009	10	3	U	UG/L
			LB	5692BLK	bis(2-ethylhexyl)phthalate	1/28/2009	10	4.4	U	UG/L
			LB	5692BLK	Butylbenzylphthalate	1/28/2009	20	3	U	UG/L
			LB	5692BLK	Chrysene	1/28/2009	10	2.9	U	UG/L
			LB	5692BLK	Dibenz(a,h)anthracene	1/28/2009	10	2.7	U	UG/L
			LB	5692BLK	Dibenzofuran	1/28/2009	10	2.7	U	UG/L
			LB	5692BLK	Diethylphthalate	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	Dimethyl-phthalate	1/28/2009	10	3	U	UG/L
			LB	5692BLK	Di-n-butylphthalate	1/28/2009	20	2.9	U	UG/L
			LB	5692BLK	Di-n-octylphthalate	1/28/2009	20	2.8	U	UG/L
			LB	5692BLK	Fluoranthene	1/28/2009	20	2.8	U	UG/L
			LB	5692BLK	Fluorene	1/28/2009	10	2.9	U	UG/L
			LB	5692BLK	Hexachlorobenzene	1/28/2009	10	0.41	U	UG/L
			LB	5692BLK	Hexachlorobutadiene	1/28/2009	10	2.5	U	UG/L
			LB	5692BLK	Hexachlorocyclopentadiene	1/28/2009	10	2.2	U	UG/L
			LB	5692BLK	Hexachloroethane	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	Indeno(1,2,3-cd)pyrene	1/28/2009	10	2.6	U	UG/L
			LB	5692BLK	Naphthalene	1/28/2009	10	2.8	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511596										
	SW8270C	WATER	LB	5692BLK	Nitrobenzene	1/28/2009	20	2.8	U	UG/L
			LB	5692BLK	N-Nitroso-di-n-propylamine	1/28/2009	20	3	U	UG/L
			LB	5692BLK	N-Nitrosodiphenylamine	1/28/2009	10	3.4	U	UG/L
			LB	5692BLK	Pentachlorophenol	1/28/2009	60	2.6	U	UG/L
			LB	5692BLK	Phenanthrene	1/28/2009	10	2.8	U	UG/L
			LB	5692BLK	Phenol	1/28/2009	10	1.7	U	UG/L
			LB	5692BLK	Pyrene	1/28/2009	10	2.9	U	UG/L
	SW8310		LB	684MB	1-Methylnaphthalene	1/26/2009	1	0.033	U	UG/L
			LB	684MB	2-Methylnaphthalene	1/26/2009	1	0.068	U	UG/L
			LB	684MB	Acenaphthene	1/26/2009	1	0.033	U	UG/L
			LB	684MB	Acenaphthylene	1/26/2009	1	0.028	U	UG/L
			LB	684MB	Anthracene	1/26/2009	0.024	0.012	J	UG/L
			LB	684MB	Benzo(a)anthracene	1/26/2009	0.054	0.03	J	UG/L
			LB	684MB	Benzo(a)pyrene	1/26/2009	0.2	0.033	U	UG/L
			LB	684MB	Benzo(b)fluoranthene	1/26/2009	0.2	0.032	U	UG/L
			LB	684MB	Benzo(g,h,i)perylene	1/26/2009	0.2	0.029	U	UG/L
			LB	684MB	Benzo(k)fluoranthene	1/26/2009	0.1	0.074	U	UG/L
			LB	684MB	Chrysene	1/26/2009	0.2	0.087	U	UG/L
			LB	684MB	Dibenz(a,h)anthracene	1/26/2009	0.3	0.036	U	UG/L
			LB	684MB	Fluoranthene	1/26/2009	0.4	0.035	U	UG/L
			LB	684MB	Fluorene	1/26/2009	0.3	0.019	U	UG/L
			LB	684MB	Indeno(1,2,3-cd)pyrene	1/26/2009	0.2	0.02	U	UG/L
			LB	684MB	Naphthalene	1/26/2009	1	0.042	U	UG/L
			LB	684MB	Phenanthrene	1/26/2009	0.3	0.039	U	UG/L
			LB	684MB	Pyrene	1/26/2009	0.2	0.038	U	UG/L
2511607										
	E300	WATER	LB	687052MB	Nitrate	1/23/2009	10	0.015	U	MG/L
			LB	691269MB	Nitrate	2/2/2009	10	0.015	U	MG/L
			LB	687052MB	Sulfate	1/23/2009	1	0.074	U	MG/L
			LB	691269MB	Sulfate	2/2/2009	1	0.074	U	MG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511607										
	SW6010B	WATER	LB	277663BLK	Iron, dissolved	1/29/2009	0.1	0.006	U	MG/L
			LB	277663BLK	Manganese, dissolved	1/29/2009	0.01	0.0004	U	MG/L
	SW8011		LB	679MB	1,2-Dibromo-3-chloropropane	1/26/2009	0.02	0.008	U	UG/L
			LB	679MB	1,2-Dibromoethane(EDB)	1/26/2009	0.02	0.01	U	UG/L
	SW8015-E		LB	5683BLK	TPH C10-C28	1/28/2009	250	100	U	UG/L
			LB	5712BLK	TPH C10-C28	1/30/2009	250	100	U	UG/L
	SW8015-P		LB	0123BLK1	TPH C6-C10	1/23/2009	64	32	U	UG/L
			TB	ST106-TB-22012009B	TPH C6-C10	1/23/2009	64	32	U	UG/L
	SW8260B		LB	020409BLKA32	1,1,1,2-Tetrachloroethane	2/4/2009	1	0.25	U	UG/L
			LB	020409BLKA32	1,1,1-Trichloroethane	2/4/2009	1	0.16	U	UG/L
			LB	020409BLKA32	1,1,2,2-Tetrachloroethane	2/4/2009	1	0.26	U	UG/L
			LB	020409BLKA32	1,1,2-Trichloroethane	2/4/2009	1	0.28	U	UG/L
			LB	020409BLKA32	1,1-Dichloroethane	2/4/2009	1	0.22	U	UG/L
			LB	020409BLKA32	1,1-Dichloroethene	2/4/2009	1	0.24	U	UG/L
			LB	020409BLKA32	1,1-Dichloropropene	2/4/2009	1	0.19	U	UG/L
			LB	020409BLKA32	1,2,3-Trichlorobenzene	2/4/2009	1.2	0.61	U	UG/L
			LB	020409BLKA32	1,2,3-Trichloropropane	2/4/2009	1.5	0.76	U	UG/L
			LB	020409BLKA32	1,2,4-Trichlorobenzene	2/4/2009	1	0.5	U	UG/L
			LB	020409BLKA32	1,2,4-Trimethylbenzene	2/4/2009	1	0.17	U	UG/L
			LB	020409BLKA32	1,2-Dibromo-3-chloropropane	2/4/2009	5	1.4	U	UG/L
			LB	020409BLKA32	1,2-Dibromoethane(EDB)	2/4/2009	1	0.33	U	UG/L
			LB	020409BLKA32	1,2-Dichlorobenzene	2/4/2009	1	0.26	U	UG/L
			LB	020409BLKA32	1,2-Dichloroethane	2/4/2009	1	0.4	U	UG/L
			LB	020409BLKA32	1,2-Dichloropropane	2/4/2009	1	0.27	U	UG/L
			LB	020409BLKA32	1,3,5-Trimethylbenzene	2/4/2009	1	0.22	U	UG/L
			LB	020409BLKA32	1,3-Dichlorobenzene	2/4/2009	1	0.14	U	UG/L
			LB	020409BLKA32	1,3-Dichloropropane	2/4/2009	1	0.19	U	UG/L
			LB	020409BLKA32	1,4-Dichlorobenzene	2/4/2009	1	0.24	U	UG/L
			LB	020409BLKA32	2,2-Dichloropropane	2/4/2009	5	0.32	U	UG/L
			LB	020409BLKA32	2-Butanone	2/4/2009	6	1	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511607										
	SW8260B	WATER	LB	020409BLKA32	2-Chlorotoluene	2/4/2009	1	0.32	U	UG/L
			LB	020409BLKA32	2-Hexanone	2/4/2009	5	0.8	U	UG/L
			LB	020409BLKA32	4-Chlorotoluene	2/4/2009	1	0.12	U	UG/L
			LB	020409BLKA32	4-Isopropyltoluene	2/4/2009	1	0.24	U	UG/L
			LB	020409BLKA32	4-Methyl-2-pentanone	2/4/2009	5	0.61	U	UG/L
			LB	020409BLKA32	Acetone	2/4/2009	10	3.6	U	UG/L
			LB	020409BLKA32	Benzene	2/4/2009	1	0.16	U	UG/L
			LB	020409BLKA32	Bromobenzene	2/4/2009	1	0.27	U	UG/L
			LB	020409BLKA32	Bromochloromethane	2/4/2009	1	0.38	U	UG/L
			LB	020409BLKA32	Bromodichloromethane	2/4/2009	1	0.15	U	UG/L
			LB	020409BLKA32	Bromoform	2/4/2009	1	0.35	U	UG/L
			LB	020409BLKA32	Bromomethane	2/4/2009	2	0.76	U	UG/L
			LB	020409BLKA32	Carbon disulfide	2/4/2009	2	0.29	U	UG/L
			LB	020409BLKA32	Carbon tetrachloride	2/4/2009	1	0.33	U	UG/L
			LB	020409BLKA32	Chlorobenzene	2/4/2009	1	0.18	U	UG/L
			LB	020409BLKA32	Chloroethane	2/4/2009	2	0.99	U	UG/L
			LB	020409BLKA32	Chloroform	2/4/2009	1	0.29	U	UG/L
			LB	020409BLKA32	Chloromethane	2/4/2009	2	0.68	U	UG/L
			LB	020409BLKA32	cis-1,2-Dichloroethene	2/4/2009	1	0.29	U	UG/L
			LB	020409BLKA32	cis-1,3-Dichloropropene	2/4/2009	1	0.23	U	UG/L
			LB	020409BLKA32	Dibromochloromethane	2/4/2009	1	0.34	U	UG/L
			LB	020409BLKA32	Dibromomethane	2/4/2009	1.1	0.53	U	UG/L
			LB	020409BLKA32	Dichlorodifluoromethane	2/4/2009	2	0.19	U	UG/L
			LB	020409BLKA32	Ethylbenzene	2/4/2009	1	0.43	U	UG/L
			LB	020409BLKA32	Hexachlorobutadiene	2/4/2009	1	0.4	U	UG/L
			LB	020409BLKA32	Isopropylbenzene (Cumene)	2/4/2009	1	0.41	U	UG/L
			LB	020409BLKA32	Methylene chloride	2/4/2009	5	0.52	U	UG/L
			LB	020409BLKA32	MTBE	2/4/2009	5	0.26	U	UG/L
			LB	020409BLKA32	Naphthalene	2/4/2009	1	0.32	U	UG/L
			LB	020409BLKA32	n-Butylbenzene	2/4/2009	1	0.22	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511607										
	SW8260B	WATER	LB	020409BLKA32	n-Propylbenzene	2/4/2009	1	0.28	U	UG/L
			LB	020409BLKA32	o-Xylene	2/4/2009	1	0.2	U	UG/L
			LB	020409BLKA32	p,m-Xylene	2/4/2009	2	0.27	U	UG/L
			LB	020409BLKA32	sec-Butylbenzene	2/4/2009	1	0.2	U	UG/L
			LB	020409BLKA32	Styrene	2/4/2009	1	0.2	U	UG/L
			LB	020409BLKA32	tert-Butylbenzene	2/4/2009	1	0.28	U	UG/L
			LB	020409BLKA32	Tetrachloroethene	2/4/2009	1	0.35	U	UG/L
			LB	020409BLKA32	Toluene	2/4/2009	1	0.22	U	UG/L
			LB	020409BLKA32	trans-1,2-Dichloroethene	2/4/2009	1	0.23	U	UG/L
			LB	020409BLKA32	trans-1,3-Dichloropropene	2/4/2009	1	0.15	U	UG/L
			LB	020409BLKA32	Trichloroethene	2/4/2009	1	0.42	U	UG/L
			LB	020409BLKA32	Trichlorofluoromethane	2/4/2009	2	0.25	U	UG/L
			LB	020409BLKA32	Vinyl chloride	2/4/2009	1	0.28	U	UG/L
			LB	020409BLKA32	Xylene (total)	2/4/2009	3	0.27	U	UG/L
			TB	ST106-TB-22012009B	1,1,1,2-Tetrachloroethane	2/4/2009	1	0.25	U	UG/L
			TB	ST106-TB-22012009B	1,1,1-Trichloroethane	2/4/2009	1	0.16	U	UG/L
			TB	ST106-TB-22012009B	1,1,2,2-Tetrachloroethane	2/4/2009	1	0.26	U	UG/L
			TB	ST106-TB-22012009B	1,1,2-Trichloroethane	2/4/2009	1	0.28	U	UG/L
			TB	ST106-TB-22012009B	1,1-Dichloroethane	2/4/2009	1	0.22	U	UG/L
			TB	ST106-TB-22012009B	1,1-Dichloroethene	2/4/2009	1	0.24	U	UG/L
			TB	ST106-TB-22012009B	1,1-Dichloropropene	2/4/2009	1	0.19	U	UG/L
			TB	ST106-TB-22012009B	1,2,3-Trichlorobenzene	2/4/2009	1.2	0.61	U	UG/L
			TB	ST106-TB-22012009B	1,2,3-Trichloropropane	2/4/2009	1.5	0.76	U	UG/L
			TB	ST106-TB-22012009B	1,2,4-Trichlorobenzene	2/4/2009	1	0.5	U	UG/L
			TB	ST106-TB-22012009B	1,2,4-Trimethylbenzene	2/4/2009	1	0.17	U	UG/L
			TB	ST106-TB-22012009B	1,2-Dibromo-3-chloropropane	2/4/2009	5	1.4	U	UG/L
			TB	ST106-TB-22012009B	1,2-Dibromoethane(EDB)	2/4/2009	1	0.33	U	UG/L
			TB	ST106-TB-22012009B	1,2-Dichlorobenzene	2/4/2009	1	0.26	U	UG/L
			TB	ST106-TB-22012009B	1,2-Dichloroethane	2/4/2009	1	0.4	U	UG/L
			TB	ST106-TB-22012009B	1,2-Dichloropropane	2/4/2009	1	0.27	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511607										
	SW8260B	WATER	TB	ST106-TB-22012009B	1,3,5-Trimethylbenzene	2/4/2009	1	0.22	U	UG/L
			TB	ST106-TB-22012009B	1,3-Dichlorobenzene	2/4/2009	1	0.14	U	UG/L
			TB	ST106-TB-22012009B	1,3-Dichloropropane	2/4/2009	1	0.19	U	UG/L
			TB	ST106-TB-22012009B	1,4-Dichlorobenzene	2/4/2009	1	0.24	U	UG/L
			TB	ST106-TB-22012009B	2,2-Dichloropropane	2/4/2009	5	0.32	U	UG/L
			TB	ST106-TB-22012009B	2-Butanone	2/4/2009	6	1	U	UG/L
			TB	ST106-TB-22012009B	2-Chlorotoluene	2/4/2009	1	0.32	U	UG/L
			TB	ST106-TB-22012009B	2-Hexanone	2/4/2009	5	0.8	U	UG/L
			TB	ST106-TB-22012009B	4-Chlorotoluene	2/4/2009	1	0.12	U	UG/L
			TB	ST106-TB-22012009B	4-Isopropyltoluene	2/4/2009	1	0.24	U	UG/L
			TB	ST106-TB-22012009B	4-Methyl-2-pentanone	2/4/2009	5	0.61	U	UG/L
			TB	ST106-TB-22012009B	Acetone	2/4/2009	10	3.6	U	UG/L
			TB	ST106-TB-22012009B	Benzene	2/4/2009	1	0.16	U	UG/L
			TB	ST106-TB-22012009B	Bromobenzene	2/4/2009	1	0.27	U	UG/L
			TB	ST106-TB-22012009B	Bromochloromethane	2/4/2009	1	0.38	U	UG/L
			TB	ST106-TB-22012009B	Bromodichloromethane	2/4/2009	1	0.15	U	UG/L
			TB	ST106-TB-22012009B	Bromoform	2/4/2009	1	0.35	U	UG/L
			TB	ST106-TB-22012009B	Bromomethane	2/4/2009	2	0.76	U	UG/L
			TB	ST106-TB-22012009B	Carbon disulfide	2/4/2009	2	0.29	U	UG/L
			TB	ST106-TB-22012009B	Carbon tetrachloride	2/4/2009	1	0.33	U	UG/L
			TB	ST106-TB-22012009B	Chlorobenzene	2/4/2009	1	0.18	U	UG/L
			TB	ST106-TB-22012009B	Chloroethane	2/4/2009	2	0.99	U	UG/L
			TB	ST106-TB-22012009B	Chloroform	2/4/2009	1	0.29	U	UG/L
			TB	ST106-TB-22012009B	Chloromethane	2/4/2009	2	0.68	U	UG/L
			TB	ST106-TB-22012009B	cis-1,2-Dichloroethene	2/4/2009	1	0.29	U	UG/L
			TB	ST106-TB-22012009B	cis-1,3-Dichloropropene	2/4/2009	1	0.23	U	UG/L
			TB	ST106-TB-22012009B	Dibromochloromethane	2/4/2009	1	0.34	U	UG/L
			TB	ST106-TB-22012009B	Dibromomethane	2/4/2009	1.1	0.53	U	UG/L
			TB	ST106-TB-22012009B	Dichlorodifluoromethane	2/4/2009	2	0.19	U	UG/L
			TB	ST106-TB-22012009B	Ethylbenzene	2/4/2009	1	0.43	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511607										
	SW8260B	WATER	TB	ST106-TB-22012009B	Hexachlorobutadiene	2/4/2009	1	0.4	U	UG/L
			TB	ST106-TB-22012009B	Isopropylbenzene (Cumene)	2/4/2009	1	0.41	U	UG/L
			TB	ST106-TB-22012009B	Methylene chloride	2/4/2009	5	0.52	U	UG/L
			TB	ST106-TB-22012009B	MTBE	2/4/2009	5	0.26	U	UG/L
			TB	ST106-TB-22012009B	Naphthalene	2/4/2009	1	0.32	U	UG/L
			TB	ST106-TB-22012009B	n-Butylbenzene	2/4/2009	1	0.22	U	UG/L
			TB	ST106-TB-22012009B	n-Propylbenzene	2/4/2009	1	0.28	U	UG/L
			TB	ST106-TB-22012009B	o-Xylene	2/4/2009	1	0.2	U	UG/L
			TB	ST106-TB-22012009B	p,m-Xylene	2/4/2009	2	0.27	U	UG/L
			TB	ST106-TB-22012009B	sec-Butylbenzene	2/4/2009	1	0.2	U	UG/L
			TB	ST106-TB-22012009B	Styrene	2/4/2009	1	0.2	U	UG/L
			TB	ST106-TB-22012009B	tert-Butylbenzene	2/4/2009	1	0.28	U	UG/L
			TB	ST106-TB-22012009B	Tetrachloroethene	2/4/2009	1	0.35	U	UG/L
			TB	ST106-TB-22012009B	Toluene	2/4/2009	1	0.22	U	UG/L
			TB	ST106-TB-22012009B	trans-1,2-Dichloroethene	2/4/2009	1	0.23	U	UG/L
			TB	ST106-TB-22012009B	trans-1,3-Dichloropropene	2/4/2009	1	0.15	U	UG/L
			TB	ST106-TB-22012009B	Trichloroethene	2/4/2009	1	0.42	U	UG/L
			TB	ST106-TB-22012009B	Trichlorofluoromethane	2/4/2009	2	0.25	U	UG/L
			TB	ST106-TB-22012009B	Vinyl chloride	2/4/2009	1	0.28	U	UG/L
			TB	ST106-TB-22012009B	Xylene (total)	2/4/2009	3	0.27	U	UG/L
	SW8270C		LB	5697BLK	1,2-Dichlorobenzene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	1,3-Dinitrobenzene	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	2,4,5-Trichlorophenol	1/29/2009	20	3.4	U	UG/L
			LB	5697BLK	2,4,6-Trichlorophenol	1/29/2009	20	3.6	U	UG/L
			LB	5697BLK	2,4-Dimethylphenol	1/29/2009	10	2.3	U	UG/L
			LB	5697BLK	2,4-Dinitrophenol	1/29/2009	60	5.6	U	UG/L
			LB	5697BLK	2,4-Dinitrotoluene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	2,6-Dinitrotoluene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	2-Chloronaphthalene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	2-Chlorophenol	1/29/2009	10	2.9	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511607										
	SW8270C	WATER	LB	5697BLK	2-Methyl-4,6-dinitrophenol	1/29/2009	60	3.3	U	UG/L
			LB	5697BLK	2-Methylnaphthalene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	2-Methylphenol (o-Cresol)	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	2-Nitroaniline	1/29/2009	50	3	U	UG/L
			LB	5697BLK	2-Nitrophenol	1/29/2009	20	3.4	U	UG/L
			LB	5697BLK	3,3'-Dichlorobenzidine	1/29/2009	20	2.7	U	UG/L
			LB	5697BLK	3-Nitroaniline	1/29/2009	50	2.8	U	UG/L
			LB	5697BLK	4-Bromophenyl-phenylether	1/29/2009	10	2.3	U	UG/L
			LB	5697BLK	4-Chloro-3-methylphenol	1/29/2009	20	2.7	U	UG/L
			LB	5697BLK	4-Chloroaniline	1/29/2009	20	3	U	UG/L
			LB	5697BLK	4-Chlorophenyl-phenylether	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	4-Methylphenol	1/29/2009	20	6.1	U	UG/L
			LB	5697BLK	4-Nitroaniline	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	4-Nitrophenol	1/29/2009	50	2.9	U	UG/L
			LB	5697BLK	Acenaphthene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Acenaphthylene	1/29/2009	10	3	U	UG/L
			LB	5697BLK	Anthracene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Benzidine	1/29/2009	150	20	U	UG/L
			LB	5697BLK	Benzo(a)anthracene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Benzo(a)pyrene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Benzo(b)fluoranthene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Benzo(g,h,i)perylene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Benzo(k)fluoranthene	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	Benzoic acid	1/29/2009	60	14	U	UG/L
			LB	5697BLK	Bis(2-Chloroethoxy)methane	1/29/2009	10	3.5	U	UG/L
			LB	5697BLK	Bis(2-Chloroethyl)ether	1/29/2009	10	3	U	UG/L
			LB	5697BLK	bis(2-ethylhexyl)phthalate	1/29/2009	10	4.4	U	UG/L
			LB	5697BLK	Butylbenzylphthalate	1/29/2009	20	3	U	UG/L
			LB	5697BLK	Chrysene	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	Dibenz(a,h)anthracene	1/29/2009	10	2.7	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511607										
	SW8270C	WATER	LB	5697BLK	Dibenzofuran	1/29/2009	10	2.7	U	UG/L
			LB	5697BLK	Diethylphthalate	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Dimethyl-phthalate	1/29/2009	10	3	U	UG/L
			LB	5697BLK	Di-n-butylphthalate	1/29/2009	20	2.9	U	UG/L
			LB	5697BLK	Di-n-octylphthalate	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	Fluoranthene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	Fluorene	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	Hexachlorobenzene	1/29/2009	10	0.41	U	UG/L
			LB	5697BLK	Hexachlorobutadiene	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	Hexachlorocyclopentadiene	1/29/2009	10	2.2	U	UG/L
			LB	5697BLK	Hexachloroethane	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Indeno(1,2,3-cd)pyrene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Naphthalene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Nitrobenzene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	N-Nitroso-di-n-propylamine	1/29/2009	20	3	U	UG/L
			LB	5697BLK	N-Nitrosodiphenylamine	1/29/2009	10	3.4	U	UG/L
			LB	5697BLK	Pentachlorophenol	1/29/2009	60	2.6	U	UG/L
			LB	5697BLK	Phenanthrene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Phenol	1/29/2009	10	1.7	U	UG/L
			LB	5697BLK	Pyrene	1/29/2009	10	2.9	U	UG/L
	SW8310		LB	684MB	1-Methylnaphthalene	1/26/2009	1	0.033	U	UG/L
			LB	684MB	2-Methylnaphthalene	1/26/2009	1	0.068	U	UG/L
			LB	684MB	Acenaphthene	1/26/2009	1	0.033	U	UG/L
			LB	684MB	Acenaphthylene	1/26/2009	1	0.028	U	UG/L
			LB	684MB	Anthracene	1/26/2009	0.024	0.012	J	UG/L
			LB	684MB	Benzo(a)anthracene	1/26/2009	0.054	0.03	J	UG/L
			LB	684MB	Benzo(a)pyrene	1/26/2009	0.2	0.033	U	UG/L
			LB	684MB	Benzo(b)fluoranthene	1/26/2009	0.2	0.032	U	UG/L
			LB	684MB	Benzo(g,h,i)perylene	1/26/2009	0.2	0.029	U	UG/L
			LB	684MB	Benzo(k)fluoranthene	1/26/2009	0.15	0.074	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511607										
	SW8310	WATER	LB	684MB	Chrysene	1/26/2009	0.2	0.087	U	UG/L
			LB	684MB	Dibenz(a,h)anthracene	1/26/2009	0.3	0.036	U	UG/L
			LB	684MB	Fluoranthene	1/26/2009	0.4	0.035	U	UG/L
			LB	684MB	Fluorene	1/26/2009	0.3	0.019	U	UG/L
			LB	684MB	Indeno(1,2,3-cd)pyrene	1/26/2009	0.2	0.02	U	UG/L
			LB	684MB	Naphthalene	1/26/2009	1	0.042	U	UG/L
			LB	684MB	Phenanthrene	1/26/2009	0.3	0.039	U	UG/L
			LB	684MB	Pyrene	1/26/2009	0.2	0.038	U	UG/L
2511612										
	E300	WATER	LB	687052MB	Nitrate	1/23/2009	10	0.015	U	MG/L
			LB	687052MB	Sulfate	1/23/2009	1	0.074	U	MG/L
	SW6010B		LB	277663BLK	Iron, dissolved	1/29/2009	100	5.5	U	UG/L
			LB	277663BLK	Manganese, dissolved	1/29/2009	10	0.35	U	UG/L
	SW8011		LB	679MB	1,2-Dibromo-3-chloropropane	1/26/2009	0.02	0.008	U	UG/L
			LB	679MB	1,2-Dibromoethane(EDB)	1/26/2009	0.02	0.01	U	UG/L
	SW8015-E		LB	5712BLK	TPH C10-C28	1/30/2009	0.25	0.1	U	MG/L
			LB	5683BLK	TPH C10-C28	1/28/2009	0.25	0.1	U	MG/L
	SW8015-P		LB	0126BLK1	TPH C6-C10	1/26/2009	0.064	0.032	U	MG/L
			TB	ST106-TB-22012009A	TPH C6-C10	1/26/2009	0.064	0.032	U	MG/L
	SW8260B		LB	020409BLKA32	1,1,1,2-Tetrachloroethane	2/4/2009	1	0.25	U	UG/L
			LB	020409BLKA32	1,1,1-Trichloroethane	2/4/2009	1	0.16	U	UG/L
			LB	020409BLKA32	1,1,2,2-Tetrachloroethane	2/4/2009	1	0.26	U	UG/L
			LB	020409BLKA32	1,1,2-Trichloroethane	2/4/2009	1	0.28	U	UG/L
			LB	020409BLKA32	1,1-Dichloroethane	2/4/2009	1	0.22	U	UG/L
			LB	020409BLKA32	1,1-Dichloroethene	2/4/2009	1	0.24	U	UG/L
			LB	020409BLKA32	1,1-Dichloropropene	2/4/2009	1	0.19	U	UG/L
			LB	020409BLKA32	1,2,3-Trichlorobenzene	2/4/2009	1.2	0.61	U	UG/L
			LB	020409BLKA32	1,2,3-Trichloropropane	2/4/2009	1.5	0.76	U	UG/L
			LB	020409BLKA32	1,2,4-Trichlorobenzene	2/4/2009	1	0.5	U	UG/L
			LB	020409BLKA32	1,2,4-Trimethylbenzene	2/4/2009	1	0.17	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511612										
	SW8260B	WATER	LB	020409BLKA32	1,2-Dibromo-3-chloropropane	2/4/2009	5	1.4	U	UG/L
			LB	020409BLKA32	1,2-Dibromoethane(EDB)	2/4/2009	1	0.33	U	UG/L
			LB	020409BLKA32	1,2-Dichlorobenzene	2/4/2009	1	0.26	U	UG/L
			LB	020409BLKA32	1,2-Dichloroethane	2/4/2009	1	0.4	U	UG/L
			LB	020409BLKA32	1,2-Dichloropropane	2/4/2009	1	0.27	U	UG/L
			LB	020409BLKA32	1,3,5-Trimethylbenzene	2/4/2009	1	0.22	U	UG/L
			LB	020409BLKA32	1,3-Dichlorobenzene	2/4/2009	1	0.14	U	UG/L
			LB	020409BLKA32	1,3-Dichloropropane	2/4/2009	1	0.19	U	UG/L
			LB	020409BLKA32	1,4-Dichlorobenzene	2/4/2009	1	0.24	U	UG/L
			LB	020409BLKA32	2,2-Dichloropropane	2/4/2009	5	0.32	U	UG/L
			LB	020409BLKA32	2-Butanone	2/4/2009	6	1	U	UG/L
			LB	020409BLKA32	2-Chlorotoluene	2/4/2009	1	0.32	U	UG/L
			LB	020409BLKA32	2-Hexanone	2/4/2009	5	0.8	U	UG/L
			LB	020409BLKA32	4-Chlorotoluene	2/4/2009	1	0.12	U	UG/L
			LB	020409BLKA32	4-Isopropyltoluene	2/4/2009	1	0.24	U	UG/L
			LB	020409BLKA32	4-Methyl-2-pentanone	2/4/2009	5	0.61	U	UG/L
			LB	020409BLKA32	Acetone	2/4/2009	10	3.6	U	UG/L
			LB	020409BLKA32	Benzene	2/4/2009	1	0.16	U	UG/L
			LB	020409BLKA32	Bromobenzene	2/4/2009	1	0.27	U	UG/L
			LB	020409BLKA32	Bromochloromethane	2/4/2009	1	0.38	U	UG/L
			LB	020409BLKA32	Bromodichloromethane	2/4/2009	1	0.15	U	UG/L
			LB	020409BLKA32	Bromoform	2/4/2009	1	0.35	U	UG/L
			LB	020409BLKA32	Bromomethane	2/4/2009	2	0.76	U	UG/L
			LB	020409BLKA32	Carbon disulfide	2/4/2009	2	0.29	U	UG/L
			LB	020409BLKA32	Carbon tetrachloride	2/4/2009	1	0.33	U	UG/L
			LB	020409BLKA32	Chlorobenzene	2/4/2009	1	0.18	U	UG/L
			LB	020409BLKA32	Chloroethane	2/4/2009	2	0.99	U	UG/L
			LB	020409BLKA32	Chloroform	2/4/2009	1	0.29	U	UG/L
			LB	020409BLKA32	Chloromethane	2/4/2009	2	0.68	U	UG/L
			LB	020409BLKA32	cis-1,2-Dichloroethene	2/4/2009	1	0.29	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511612										
	SW8260B	WATER	LB	020409BLKA32	cis-1,3-Dichloropropene	2/4/2009	1	0.23	U	UG/L
			LB	020409BLKA32	Dibromochloromethane	2/4/2009	1	0.34	U	UG/L
			LB	020409BLKA32	Dibromomethane	2/4/2009	1.1	0.53	U	UG/L
			LB	020409BLKA32	Dichlorodifluoromethane	2/4/2009	2	0.19	U	UG/L
			LB	020409BLKA32	Ethylbenzene	2/4/2009	1	0.43	U	UG/L
			LB	020409BLKA32	Hexachlorobutadiene	2/4/2009	1	0.4	U	UG/L
			LB	020409BLKA32	Isopropylbenzene (Cumene)	2/4/2009	1	0.41	U	UG/L
			LB	020409BLKA32	Methylene chloride	2/4/2009	5	0.52	U	UG/L
			LB	020409BLKA32	MTBE	2/4/2009	5	0.26	U	UG/L
			LB	020409BLKA32	Naphthalene	2/4/2009	1	0.32	U	UG/L
			LB	020409BLKA32	n-Butylbenzene	2/4/2009	1	0.22	U	UG/L
			LB	020409BLKA32	n-Propylbenzene	2/4/2009	1	0.28	U	UG/L
			LB	020409BLKA32	o-Xylene	2/4/2009	1	0.2	U	UG/L
			LB	020409BLKA32	p,m-Xylene	2/4/2009	2	0.27	U	UG/L
			LB	020409BLKA32	sec-Butylbenzene	2/4/2009	1	0.2	U	UG/L
			LB	020409BLKA32	Styrene	2/4/2009	1	0.2	U	UG/L
			LB	020409BLKA32	tert-Butylbenzene	2/4/2009	1	0.28	U	UG/L
			LB	020409BLKA32	Tetrachloroethene	2/4/2009	1	0.35	U	UG/L
			LB	020409BLKA32	Toluene	2/4/2009	1	0.22	U	UG/L
			LB	020409BLKA32	trans-1,2-Dichloroethene	2/4/2009	1	0.23	U	UG/L
			LB	020409BLKA32	trans-1,3-Dichloropropene	2/4/2009	1	0.15	U	UG/L
			LB	020409BLKA32	Trichloroethene	2/4/2009	1	0.42	U	UG/L
			LB	020409BLKA32	Trichlorofluoromethane	2/4/2009	2	0.25	U	UG/L
			LB	020409BLKA32	Vinyl chloride	2/4/2009	1	0.28	U	UG/L
			LB	020409BLKA32	Xylene (total)	2/4/2009	3	0.27	U	UG/L
			TB	ST106-TB-22012009A	1,1,1,2-Tetrachloroethane	2/4/2009	1	0.25	U	UG/L
			TB	ST106-TB-22012009A	1,1,1-Trichloroethane	2/4/2009	1	0.16	U	UG/L
			TB	ST106-TB-22012009A	1,1,2,2-Tetrachloroethane	2/4/2009	1	0.26	U	UG/L
			TB	ST106-TB-22012009A	1,1,2-Trichloroethane	2/4/2009	1	0.28	U	UG/L
			TB	ST106-TB-22012009A	1,1-Dichloroethane	2/4/2009	1	0.22	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511612										
	SW8260B	WATER	TB	ST106-TB-22012009A	1,1-Dichloroethene	2/4/2009	1	0.24	U	UG/L
			TB	ST106-TB-22012009A	1,1-Dichloropropene	2/4/2009	1	0.19	U	UG/L
			TB	ST106-TB-22012009A	1,2,3-Trichlorobenzene	2/4/2009	1.2	0.61	U	UG/L
			TB	ST106-TB-22012009A	1,2,3-Trichloropropane	2/4/2009	1.5	0.76	U	UG/L
			TB	ST106-TB-22012009A	1,2,4-Trichlorobenzene	2/4/2009	1	0.5	U	UG/L
			TB	ST106-TB-22012009A	1,2,4-Trimethylbenzene	2/4/2009	1	0.17	U	UG/L
			TB	ST106-TB-22012009A	1,2-Dibromo-3-chloropropane	2/4/2009	5	1.4	U	UG/L
			TB	ST106-TB-22012009A	1,2-Dibromoethane(EDB)	2/4/2009	1	0.33	U	UG/L
			TB	ST106-TB-22012009A	1,2-Dichlorobenzene	2/4/2009	1	0.26	U	UG/L
			TB	ST106-TB-22012009A	1,2-Dichloroethane	2/4/2009	1	0.4	U	UG/L
			TB	ST106-TB-22012009A	1,2-Dichloropropane	2/4/2009	1	0.27	U	UG/L
			TB	ST106-TB-22012009A	1,3,5-Trimethylbenzene	2/4/2009	1	0.22	U	UG/L
			TB	ST106-TB-22012009A	1,3-Dichlorobenzene	2/4/2009	1	0.14	U	UG/L
			TB	ST106-TB-22012009A	1,3-Dichloropropane	2/4/2009	1	0.19	U	UG/L
			TB	ST106-TB-22012009A	1,4-Dichlorobenzene	2/4/2009	1	0.24	U	UG/L
			TB	ST106-TB-22012009A	2,2-Dichloropropane	2/4/2009	5	0.32	U	UG/L
			TB	ST106-TB-22012009A	2-Butanone	2/4/2009	6	1	U	UG/L
			TB	ST106-TB-22012009A	2-Chlorotoluene	2/4/2009	1	0.32	U	UG/L
			TB	ST106-TB-22012009A	2-Hexanone	2/4/2009	5	0.8	U	UG/L
			TB	ST106-TB-22012009A	4-Chlorotoluene	2/4/2009	1	0.12	U	UG/L
			TB	ST106-TB-22012009A	4-Isopropyltoluene	2/4/2009	1	0.24	U	UG/L
			TB	ST106-TB-22012009A	4-Methyl-2-pentanone	2/4/2009	5	0.61	U	UG/L
			TB	ST106-TB-22012009A	Acetone	2/4/2009	10	3.6	U	UG/L
			TB	ST106-TB-22012009A	Benzene	2/4/2009	1	0.16	U	UG/L
			TB	ST106-TB-22012009A	Bromobenzene	2/4/2009	1	0.27	U	UG/L
			TB	ST106-TB-22012009A	Bromochloromethane	2/4/2009	1	0.38	U	UG/L
			TB	ST106-TB-22012009A	Bromodichloromethane	2/4/2009	1	0.15	U	UG/L
			TB	ST106-TB-22012009A	Bromoform	2/4/2009	1	0.35	U	UG/L
			TB	ST106-TB-22012009A	Bromomethane	2/4/2009	2	0.76	U	UG/L
			TB	ST106-TB-22012009A	Carbon disulfide	2/4/2009	2	0.29	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511612										
	SW8260B	WATER	TB	ST106-TB-22012009A	Carbon tetrachloride	2/4/2009	1	0.33	U	UG/L
			TB	ST106-TB-22012009A	Chlorobenzene	2/4/2009	1	0.18	U	UG/L
			TB	ST106-TB-22012009A	Chloroethane	2/4/2009	2	0.99	U	UG/L
			TB	ST106-TB-22012009A	Chloroform	2/4/2009	1	0.29	U	UG/L
			TB	ST106-TB-22012009A	Chloromethane	2/4/2009	2	0.68	U	UG/L
			TB	ST106-TB-22012009A	cis-1,2-Dichloroethene	2/4/2009	1	0.29	U	UG/L
			TB	ST106-TB-22012009A	cis-1,3-Dichloropropene	2/4/2009	1	0.23	U	UG/L
			TB	ST106-TB-22012009A	Dibromochloromethane	2/4/2009	1	0.34	U	UG/L
			TB	ST106-TB-22012009A	Dibromomethane	2/4/2009	1.1	0.53	U	UG/L
			TB	ST106-TB-22012009A	Dichlorodifluoromethane	2/4/2009	2	0.19	U	UG/L
			TB	ST106-TB-22012009A	Ethylbenzene	2/4/2009	1	0.43	U	UG/L
			TB	ST106-TB-22012009A	Hexachlorobutadiene	2/4/2009	1	0.4	U	UG/L
			TB	ST106-TB-22012009A	Isopropylbenzene (Cumene)	2/4/2009	1	0.41	U	UG/L
			TB	ST106-TB-22012009A	Methylene chloride	2/4/2009	5	0.52	U	UG/L
			TB	ST106-TB-22012009A	MTBE	2/4/2009	5	0.26	U	UG/L
			TB	ST106-TB-22012009A	Naphthalene	2/4/2009	1	0.32	U	UG/L
			TB	ST106-TB-22012009A	n-Butylbenzene	2/4/2009	1	0.22	U	UG/L
			TB	ST106-TB-22012009A	n-Propylbenzene	2/4/2009	1	0.28	U	UG/L
			TB	ST106-TB-22012009A	o-Xylene	2/4/2009	1	0.2	U	UG/L
			TB	ST106-TB-22012009A	p,m-Xylene	2/4/2009	2	0.27	U	UG/L
			TB	ST106-TB-22012009A	sec-Butylbenzene	2/4/2009	1	0.2	U	UG/L
			TB	ST106-TB-22012009A	Styrene	2/4/2009	1	0.2	U	UG/L
			TB	ST106-TB-22012009A	tert-Butylbenzene	2/4/2009	1	0.28	U	UG/L
			TB	ST106-TB-22012009A	Tetrachloroethene	2/4/2009	1	0.35	U	UG/L
			TB	ST106-TB-22012009A	Toluene	2/4/2009	1	0.22	U	UG/L
			TB	ST106-TB-22012009A	trans-1,2-Dichloroethene	2/4/2009	1	0.23	U	UG/L
			TB	ST106-TB-22012009A	trans-1,3-Dichloropropene	2/4/2009	1	0.15	U	UG/L
			TB	ST106-TB-22012009A	Trichloroethene	2/4/2009	1	0.42	U	UG/L
			TB	ST106-TB-22012009A	Trichlorofluoromethane	2/4/2009	2	0.25	U	UG/L
			TB	ST106-TB-22012009A	Vinyl chloride	2/4/2009	1	0.28	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511612										
	SW8260B	WATER	TB	ST106-TB-22012009A	Xylene (total)	2/4/2009	3	0.27	U	UG/L
	SW8270C		LB	5697BLK	1,2-Dichlorobenzene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	1,3-Dinitrobenzene	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	2,4,5-Trichlorophenol	1/29/2009	20	3.4	U	UG/L
			LB	5697BLK	2,4,6-Trichlorophenol	1/29/2009	20	3.6	U	UG/L
			LB	5697BLK	2,4-Dimethylphenol	1/29/2009	10	2.3	U	UG/L
			LB	5697BLK	2,4-Dinitrophenol	1/29/2009	60	5.6	U	UG/L
			LB	5697BLK	2,4-Dinitrotoluene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	2,6-Dinitrotoluene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	2-Chloronaphthalene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	2-Chlorophenol	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	2-Methyl-4,6-dinitrophenol	1/29/2009	60	3.3	U	UG/L
			LB	5697BLK	2-Methylnaphthalene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	2-Methylphenol (o-Cresol)	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	2-Nitroaniline	1/29/2009	50	3	U	UG/L
			LB	5697BLK	2-Nitrophenol	1/29/2009	20	3.4	U	UG/L
			LB	5697BLK	3,3'-Dichlorobenzidine	1/29/2009	20	2.7	U	UG/L
			LB	5697BLK	3-Nitroaniline	1/29/2009	50	2.8	U	UG/L
			LB	5697BLK	4-Bromophenyl-phenylether	1/29/2009	10	2.3	U	UG/L
			LB	5697BLK	4-Chloro-3-methylphenol	1/29/2009	20	2.7	U	UG/L
			LB	5697BLK	4-Chloroaniline	1/29/2009	20	3	U	UG/L
			LB	5697BLK	4-Chlorophenyl-phenylether	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	4-Methylphenol	1/29/2009	20	6.1	U	UG/L
			LB	5697BLK	4-Nitroaniline	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	4-Nitrophenol	1/29/2009	50	2.9	U	UG/L
			LB	5697BLK	Acenaphthene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Acenaphthylene	1/29/2009	10	3	U	UG/L
			LB	5697BLK	Anthracene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Benzidine	1/29/2009	150	20	U	UG/L
			LB	5697BLK	Benzo(a)anthracene	1/29/2009	10	2.6	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511612										
	SW8270C	WATER	LB	5697BLK	Benzo(a)pyrene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Benzo(b)fluoranthene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Benzo(g,h,i)perylene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Benzo(k)fluoranthene	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	Benzoic acid	1/29/2009	60	14	U	UG/L
			LB	5697BLK	Bis(2-Chloroethoxy)methane	1/29/2009	10	3.5	U	UG/L
			LB	5697BLK	Bis(2-Chloroethyl)ether	1/29/2009	10	3	U	UG/L
			LB	5697BLK	bis(2-ethylhexyl)phthalate	1/29/2009	10	4.4	U	UG/L
			LB	5697BLK	Butylbenzylphthalate	1/29/2009	20	3	U	UG/L
			LB	5697BLK	Chrysene	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	Dibenz(a,h)anthracene	1/29/2009	10	2.7	U	UG/L
			LB	5697BLK	Dibenzofuran	1/29/2009	10	2.7	U	UG/L
			LB	5697BLK	Diethylphthalate	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Dimethyl-phthalate	1/29/2009	10	3	U	UG/L
			LB	5697BLK	Di-n-butylphthalate	1/29/2009	20	2.9	U	UG/L
			LB	5697BLK	Di-n-octylphthalate	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	Fluoranthene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	Fluorene	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	Hexachlorobenzene	1/29/2009	10	0.41	U	UG/L
			LB	5697BLK	Hexachlorobutadiene	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	Hexachlorocyclopentadiene	1/29/2009	10	2.2	U	UG/L
			LB	5697BLK	Hexachloroethane	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Indeno(1,2,3-cd)pyrene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Naphthalene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Nitrobenzene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	N-Nitroso-di-n-propylamine	1/29/2009	20	3	U	UG/L
			LB	5697BLK	N-Nitrosodiphenylamine	1/29/2009	10	3.4	U	UG/L
			LB	5697BLK	Pentachlorophenol	1/29/2009	60	2.6	U	UG/L
			LB	5697BLK	Phenanthrene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Phenol	1/29/2009	10	1.7	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511612										
	SW8270C	WATER	LB	5697BLK	Pyrene	1/29/2009	10	2.9	U	UG/L
	SW8310		LB	684MB	1-Methylnaphthalene	1/26/2009	1	0.033	U	UG/L
			LB	684MB	2-Methylnaphthalene	1/26/2009	1	0.068	U	UG/L
			LB	684MB	Acenaphthene	1/26/2009	1	0.033	U	UG/L
			LB	684MB	Acenaphthylene	1/26/2009	1	0.028	U	UG/L
			LB	684MB	Anthracene	1/26/2009	0.024	0.012	J	UG/L
			LB	684MB	Benzo(a)anthracene	1/26/2009	0.054	0.03	J	UG/L
			LB	684MB	Benzo(a)pyrene	1/26/2009	0.2	0.033	U	UG/L
			LB	684MB	Benzo(b)fluoranthene	1/26/2009	0.2	0.032	U	UG/L
			LB	684MB	Benzo(g,h,i)perylene	1/26/2009	0.2	0.029	U	UG/L
			LB	684MB	Benzo(k)fluoranthene	1/26/2009	0.15	0.074	U	UG/L
			LB	684MB	Chrysene	1/26/2009	0.2	0.087	U	UG/L
			LB	684MB	Dibenz(a,h)anthracene	1/26/2009	0.3	0.036	U	UG/L
			LB	684MB	Fluoranthene	1/26/2009	0.4	0.035	U	UG/L
			LB	684MB	Fluorene	1/26/2009	0.3	0.019	U	UG/L
			LB	684MB	Indeno(1,2,3-cd)pyrene	1/26/2009	0.2	0.02	U	UG/L
			LB	684MB	Naphthalene	1/26/2009	1	0.042	U	UG/L
			LB	684MB	Phenanthrene	1/26/2009	0.3	0.039	U	UG/L
			LB	684MB	Pyrene	1/26/2009	0.2	0.038	U	UG/L
2511616										
	E300	WATER	LB	686846MB	Nitrate	1/24/2009	10	0.015	U	MG/L
			LB	686846MB	Sulfate	1/24/2009	1	0.074	U	MG/L
	SW6010B		LB	277663BLK	Iron, dissolved	1/29/2009	0.1	0.006	U	MG/L
			LB	277663BLK	Manganese, dissolved	1/29/2009	0.01	0.0004	U	MG/L
	SW8011		LB	703BLK	1,2-Dibromo-3-chloropropane	1/29/2009	0.0199	0.008	U	UG/L
			LB	703BLK	1,2-Dibromoethane(EDB)	1/29/2009	0.0199	0.01	U	UG/L
	SW8015-E		LB	5712BLK	TPH C10-C28	1/30/2009	250	100	U	UG/L
			LB	5683BLK	TPH C10-C28	1/28/2009	250	100	U	UG/L
	SW8015-P		LB	0126BLK1	TPH C6-C10	1/26/2009	64	32	U	UG/L
			TB	ST106-TB-23012009	TPH C6-C10	1/26/2009	64	32	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511616										
	SW8260B	WATER	LB	020509BLKA32	1,1,1,2-Tetrachloroethane	2/5/2009	1	0.25	U	UG/L
			LB	020409BLKA32	1,1,1,2-Tetrachloroethane	2/4/2009	1	0.25	U	UG/L
			LB	020509BLKA32	1,1,1-Trichloroethane	2/5/2009	1	0.16	U	UG/L
			LB	020409BLKA32	1,1,1-Trichloroethane	2/4/2009	1	0.16	U	UG/L
			LB	020509BLKA32	1,1,2,2-Tetrachloroethane	2/5/2009	1	0.26	U	UG/L
			LB	020409BLKA32	1,1,2,2-Tetrachloroethane	2/4/2009	1	0.26	U	UG/L
			LB	020409BLKA32	1,1,2-Trichloroethane	2/4/2009	1	0.28	U	UG/L
			LB	020509BLKA32	1,1,2-Trichloroethane	2/5/2009	1	0.28	U	UG/L
			LB	020409BLKA32	1,1-Dichloroethane	2/4/2009	1	0.22	U	UG/L
			LB	020509BLKA32	1,1-Dichloroethane	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	1,1-Dichloroethene	2/5/2009	1	0.24	U	UG/L
			LB	020409BLKA32	1,1-Dichloroethene	2/4/2009	1	0.24	U	UG/L
			LB	020409BLKA32	1,1-Dichloropropene	2/4/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,1-Dichloropropene	2/5/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,2,3-Trichlorobenzene	2/5/2009	1.2	0.61	U	UG/L
			LB	020409BLKA32	1,2,3-Trichlorobenzene	2/4/2009	1.2	0.61	U	UG/L
			LB	020509BLKA32	1,2,3-Trichloropropane	2/5/2009	1.5	0.76	U	UG/L
			LB	020409BLKA32	1,2,3-Trichloropropane	2/4/2009	1.5	0.76	U	UG/L
			LB	020409BLKA32	1,2,4-Trichlorobenzene	2/4/2009	1	0.5	U	UG/L
			LB	020509BLKA32	1,2,4-Trichlorobenzene	2/5/2009	1	0.5	U	UG/L
			LB	020409BLKA32	1,2,4-Trimethylbenzene	2/4/2009	1	0.17	U	UG/L
			LB	020509BLKA32	1,2,4-Trimethylbenzene	2/5/2009	1	0.17	U	UG/L
			LB	020509BLKA32	1,2-Dibromo-3-chloropropane	2/5/2009	5	1.4	U	UG/L
			LB	020409BLKA32	1,2-Dibromo-3-chloropropane	2/4/2009	5	1.4	U	UG/L
			LB	020409BLKA32	1,2-Dibromoethane(EDB)	2/4/2009	1	0.33	U	UG/L
			LB	020509BLKA32	1,2-Dibromoethane(EDB)	2/5/2009	1	0.33	U	UG/L
			LB	020409BLKA32	1,2-Dichlorobenzene	2/4/2009	1	0.26	U	UG/L
			LB	020509BLKA32	1,2-Dichlorobenzene	2/5/2009	1	0.26	U	UG/L
			LB	020409BLKA32	1,2-Dichloroethane	2/4/2009	1	0.4	U	UG/L
			LB	020509BLKA32	1,2-Dichloroethane	2/5/2009	1	0.4	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511616										
	SW8260B	WATER	LB	020409BLKA32	1,2-Dichloropropane	2/4/2009	1	0.27	U	UG/L
			LB	020509BLKA32	1,2-Dichloropropane	2/5/2009	1	0.27	U	UG/L
			LB	020509BLKA32	1,3,5-Trimethylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020409BLKA32	1,3,5-Trimethylbenzene	2/4/2009	1	0.22	U	UG/L
			LB	020509BLKA32	1,3-Dichlorobenzene	2/5/2009	1	0.14	U	UG/L
			LB	020409BLKA32	1,3-Dichlorobenzene	2/4/2009	1	0.14	U	UG/L
			LB	020409BLKA32	1,3-Dichloropropane	2/4/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,3-Dichloropropane	2/5/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,4-Dichlorobenzene	2/5/2009	1	0.24	U	UG/L
			LB	020409BLKA32	1,4-Dichlorobenzene	2/4/2009	1	0.24	U	UG/L
			LB	020409BLKA32	2,2-Dichloropropane	2/4/2009	5	0.32	U	UG/L
			LB	020509BLKA32	2,2-Dichloropropane	2/5/2009	5	0.32	U	UG/L
			LB	020509BLKA32	2-Butanone	2/5/2009	6	1	U	UG/L
			LB	020409BLKA32	2-Butanone	2/4/2009	6	1	U	UG/L
			LB	020509BLKA32	2-Chlorotoluene	2/5/2009	1	0.32	U	UG/L
			LB	020409BLKA32	2-Chlorotoluene	2/4/2009	1	0.32	U	UG/L
			LB	020409BLKA32	2-Hexanone	2/4/2009	5	0.8	U	UG/L
			LB	020509BLKA32	2-Hexanone	2/5/2009	5	0.8	U	UG/L
			LB	020409BLKA32	4-Chlorotoluene	2/4/2009	1	0.12	U	UG/L
			LB	020509BLKA32	4-Chlorotoluene	2/5/2009	1	0.12	U	UG/L
			LB	020409BLKA32	4-Isopropyltoluene	2/4/2009	1	0.24	U	UG/L
			LB	020509BLKA32	4-Isopropyltoluene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	4-Methyl-2-pentanone	2/5/2009	5	0.61	U	UG/L
			LB	020409BLKA32	4-Methyl-2-pentanone	2/4/2009	5	0.61	U	UG/L
			LB	020409BLKA32	Acetone	2/4/2009	10	3.6	U	UG/L
			LB	020509BLKA32	Acetone	2/5/2009	10	3.6	U	UG/L
			LB	020409BLKA32	Benzene	2/4/2009	1	0.16	U	UG/L
			LB	020509BLKA32	Benzene	2/5/2009	1	0.16	U	UG/L
			LB	020509BLKA32	Bromobenzene	2/5/2009	1	0.27	U	UG/L
			LB	020409BLKA32	Bromobenzene	2/4/2009	1	0.27	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511616										
	SW8260B	WATER	LB	020509BLKA32	Bromochloromethane	2/5/2009	1	0.38	U	UG/L
			LB	020409BLKA32	Bromochloromethane	2/4/2009	1	0.38	U	UG/L
			LB	020409BLKA32	Bromodichloromethane	2/4/2009	1	0.15	U	UG/L
			LB	020509BLKA32	Bromodichloromethane	2/5/2009	1	0.15	U	UG/L
			LB	020409BLKA32	Bromoform	2/4/2009	1	0.35	U	UG/L
			LB	020509BLKA32	Bromoform	2/5/2009	1	0.35	U	UG/L
			LB	020409BLKA32	Bromomethane	2/4/2009	2	0.76	U	UG/L
			LB	020509BLKA32	Bromomethane	2/5/2009	2	0.76	U	UG/L
			LB	020509BLKA32	Carbon disulfide	2/5/2009	2	0.29	U	UG/L
			LB	020409BLKA32	Carbon disulfide	2/4/2009	2	0.29	U	UG/L
			LB	020509BLKA32	Carbon tetrachloride	2/5/2009	1	0.33	U	UG/L
			LB	020409BLKA32	Carbon tetrachloride	2/4/2009	1	0.33	U	UG/L
			LB	020409BLKA32	Chlorobenzene	2/4/2009	1	0.18	U	UG/L
			LB	020509BLKA32	Chlorobenzene	2/5/2009	1	0.18	U	UG/L
			LB	020509BLKA32	Chloroethane	2/5/2009	2	0.99	U	UG/L
			LB	020409BLKA32	Chloroethane	2/4/2009	2	0.99	U	UG/L
			LB	020509BLKA32	Chloroform	2/5/2009	1	0.29	U	UG/L
			LB	020409BLKA32	Chloroform	2/4/2009	1	0.29	U	UG/L
			LB	020409BLKA32	Chloromethane	2/4/2009	2	0.68	U	UG/L
			LB	020509BLKA32	Chloromethane	2/5/2009	2	0.68	U	UG/L
			LB	020509BLKA32	cis-1,2-Dichloroethene	2/5/2009	1	0.29	U	UG/L
			LB	020409BLKA32	cis-1,2-Dichloroethene	2/4/2009	1	0.29	U	UG/L
			LB	020509BLKA32	cis-1,3-Dichloropropene	2/5/2009	1	0.23	U	UG/L
			LB	020409BLKA32	cis-1,3-Dichloropropene	2/4/2009	1	0.23	U	UG/L
			LB	020409BLKA32	Dibromochloromethane	2/4/2009	1	0.34	U	UG/L
			LB	020509BLKA32	Dibromochloromethane	2/5/2009	1	0.34	U	UG/L
			LB	020409BLKA32	Dibromomethane	2/4/2009	1.1	0.53	U	UG/L
			LB	020509BLKA32	Dibromomethane	2/5/2009	1.1	0.53	U	UG/L
			LB	020509BLKA32	Dichlorodifluoromethane	2/5/2009	2	0.19	U	UG/L
			LB	020409BLKA32	Dichlorodifluoromethane	2/4/2009	2	0.19	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511616										
	SW8260B	WATER	LB	020509BLKA32	Ethylbenzene	2/5/2009	1	0.43	U	UG/L
			LB	020409BLKA32	Ethylbenzene	2/4/2009	1	0.43	U	UG/L
			LB	020509BLKA32	Hexachlorobutadiene	2/5/2009	1	0.4	U	UG/L
			LB	020409BLKA32	Hexachlorobutadiene	2/4/2009	1	0.4	U	UG/L
			LB	020509BLKA32	Isopropylbenzene (Cumene)	2/5/2009	1	0.41	U	UG/L
			LB	020409BLKA32	Isopropylbenzene (Cumene)	2/4/2009	1	0.41	U	UG/L
			LB	020509BLKA32	Methylene chloride	2/5/2009	5	0.52	U	UG/L
			LB	020409BLKA32	Methylene chloride	2/4/2009	5	0.52	U	UG/L
			LB	020509BLKA32	MTBE	2/5/2009	5	0.26	U	UG/L
			LB	020409BLKA32	MTBE	2/4/2009	5	0.26	U	UG/L
			LB	020509BLKA32	Naphthalene	2/5/2009	1	0.32	U	UG/L
			LB	020409BLKA32	Naphthalene	2/4/2009	1	0.32	U	UG/L
			LB	020409BLKA32	n-Butylbenzene	2/4/2009	1	0.22	U	UG/L
			LB	020509BLKA32	n-Butylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	n-Propylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020409BLKA32	n-Propylbenzene	2/4/2009	1	0.28	U	UG/L
			LB	020409BLKA32	o-Xylene	2/4/2009	1	0.2	U	UG/L
			LB	020509BLKA32	o-Xylene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	p,m-Xylene	2/5/2009	2	0.27	U	UG/L
			LB	020409BLKA32	p,m-Xylene	2/4/2009	2	0.27	U	UG/L
			LB	020509BLKA32	sec-Butylbenzene	2/5/2009	1	0.2	U	UG/L
			LB	020409BLKA32	sec-Butylbenzene	2/4/2009	1	0.2	U	UG/L
			LB	020409BLKA32	Styrene	2/4/2009	1	0.2	U	UG/L
			LB	020509BLKA32	Styrene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	tert-Butylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020409BLKA32	tert-Butylbenzene	2/4/2009	1	0.28	U	UG/L
			LB	020509BLKA32	Tetrachloroethene	2/5/2009	1	0.35	U	UG/L
			LB	020409BLKA32	Tetrachloroethene	2/4/2009	1	0.35	U	UG/L
			LB	020509BLKA32	Toluene	2/5/2009	1	0.22	U	UG/L
			LB	020409BLKA32	Toluene	2/4/2009	1	0.22	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511616										
	SW8260B	WATER	LB	020509BLKA32	trans-1,2-Dichloroethene	2/5/2009	1	0.23	U	UG/L
			LB	020409BLKA32	trans-1,2-Dichloroethene	2/4/2009	1	0.23	U	UG/L
			LB	020509BLKA32	trans-1,3-Dichloropropene	2/5/2009	1	0.15	U	UG/L
			LB	020409BLKA32	trans-1,3-Dichloropropene	2/4/2009	1	0.15	U	UG/L
			LB	020409BLKA32	Trichloroethene	2/4/2009	1	0.42	U	UG/L
			LB	020509BLKA32	Trichloroethene	2/5/2009	1	0.42	U	UG/L
			LB	020409BLKA32	Trichlorofluoromethane	2/4/2009	2	0.25	U	UG/L
			LB	020509BLKA32	Trichlorofluoromethane	2/5/2009	2	0.25	U	UG/L
			LB	020509BLKA32	Vinyl chloride	2/5/2009	1	0.28	U	UG/L
			LB	020409BLKA32	Vinyl chloride	2/4/2009	1	0.28	U	UG/L
			LB	020409BLKA32	Xylene (total)	2/4/2009	3	0.27	U	UG/L
			LB	020509BLKA32	Xylene (total)	2/5/2009	3	0.27	U	UG/L
			TB	ST106-TB-23012009	1,1,1,2-Tetrachloroethane	2/4/2009	1	0.25	U	UG/L
			TB	ST106-TB-23012009	1,1,1-Trichloroethane	2/4/2009	1	0.16	U	UG/L
			TB	ST106-TB-23012009	1,1,2,2-Tetrachloroethane	2/4/2009	1	0.26	U	UG/L
			TB	ST106-TB-23012009	1,1,2-Trichloroethane	2/4/2009	1	0.28	U	UG/L
			TB	ST106-TB-23012009	1,1-Dichloroethane	2/4/2009	1	0.22	U	UG/L
			TB	ST106-TB-23012009	1,1-Dichloroethene	2/4/2009	1	0.24	U	UG/L
			TB	ST106-TB-23012009	1,1-Dichloropropene	2/4/2009	1	0.19	U	UG/L
			TB	ST106-TB-23012009	1,2,3-Trichlorobenzene	2/4/2009	1.2	0.61	U	UG/L
			TB	ST106-TB-23012009	1,2,3-Trichloropropane	2/4/2009	1.5	0.76	U	UG/L
			TB	ST106-TB-23012009	1,2,4-Trichlorobenzene	2/4/2009	1	0.5	U	UG/L
			TB	ST106-TB-23012009	1,2,4-Trimethylbenzene	2/4/2009	1	0.17	U	UG/L
			TB	ST106-TB-23012009	1,2-Dibromo-3-chloropropane	2/4/2009	5	1.4	U	UG/L
			TB	ST106-TB-23012009	1,2-Dibromoethane(EDB)	2/4/2009	1	0.33	U	UG/L
			TB	ST106-TB-23012009	1,2-Dichlorobenzene	2/4/2009	1	0.26	U	UG/L
			TB	ST106-TB-23012009	1,2-Dichloroethane	2/4/2009	1	0.4	U	UG/L
			TB	ST106-TB-23012009	1,2-Dichloropropane	2/4/2009	1	0.27	U	UG/L
			TB	ST106-TB-23012009	1,3,5-Trimethylbenzene	2/4/2009	1	0.22	U	UG/L
			TB	ST106-TB-23012009	1,3-Dichlorobenzene	2/4/2009	1	0.14	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511616										
	SW8260B	WATER	TB	ST106-TB-23012009	1,3-Dichloropropane	2/4/2009	1	0.19	U	UG/L
			TB	ST106-TB-23012009	1,4-Dichlorobenzene	2/4/2009	1	0.24	U	UG/L
			TB	ST106-TB-23012009	2,2-Dichloropropane	2/4/2009	5	0.32	U	UG/L
			TB	ST106-TB-23012009	2-Butanone	2/4/2009	6	1	U	UG/L
			TB	ST106-TB-23012009	2-Chlorotoluene	2/4/2009	1	0.32	U	UG/L
			TB	ST106-TB-23012009	2-Hexanone	2/4/2009	5	0.8	U	UG/L
			TB	ST106-TB-23012009	4-Chlorotoluene	2/4/2009	1	0.12	U	UG/L
			TB	ST106-TB-23012009	4-Isopropyltoluene	2/4/2009	1	0.24	U	UG/L
			TB	ST106-TB-23012009	4-Methyl-2-pentanone	2/4/2009	5	0.61	U	UG/L
			TB	ST106-TB-23012009	Acetone	2/4/2009	10	3.6	U	UG/L
			TB	ST106-TB-23012009	Benzene	2/4/2009	1	0.16	U	UG/L
			TB	ST106-TB-23012009	Bromobenzene	2/4/2009	1	0.27	U	UG/L
			TB	ST106-TB-23012009	Bromochloromethane	2/4/2009	1	0.38	U	UG/L
			TB	ST106-TB-23012009	Bromodichloromethane	2/4/2009	1	0.15	U	UG/L
			TB	ST106-TB-23012009	Bromoform	2/4/2009	1	0.35	U	UG/L
			TB	ST106-TB-23012009	Bromomethane	2/4/2009	2	0.76	U	UG/L
			TB	ST106-TB-23012009	Carbon disulfide	2/4/2009	2	0.29	U	UG/L
			TB	ST106-TB-23012009	Carbon tetrachloride	2/4/2009	1	0.33	U	UG/L
			TB	ST106-TB-23012009	Chlorobenzene	2/4/2009	1	0.18	U	UG/L
			TB	ST106-TB-23012009	Chloroethane	2/4/2009	2	0.99	U	UG/L
			TB	ST106-TB-23012009	Chloroform	2/4/2009	1	0.29	U	UG/L
			TB	ST106-TB-23012009	Chloromethane	2/4/2009	2	0.68	U	UG/L
			TB	ST106-TB-23012009	cis-1,2-Dichloroethene	2/4/2009	1	0.29	U	UG/L
			TB	ST106-TB-23012009	cis-1,3-Dichloropropene	2/4/2009	1	0.23	U	UG/L
			TB	ST106-TB-23012009	Dibromochloromethane	2/4/2009	1	0.34	U	UG/L
			TB	ST106-TB-23012009	Dibromomethane	2/4/2009	1.1	0.53	U	UG/L
			TB	ST106-TB-23012009	Dichlorodifluoromethane	2/4/2009	2	0.19	U	UG/L
			TB	ST106-TB-23012009	Ethylbenzene	2/4/2009	1	0.43	U	UG/L
			TB	ST106-TB-23012009	Hexachlorobutadiene	2/4/2009	1	0.4	U	UG/L
			TB	ST106-TB-23012009	Isopropylbenzene (Cumene)	2/4/2009	1	0.41	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511616										
	SW8260B	WATER	TB	ST106-TB-23012009	Methylene chloride	2/4/2009	5	0.52	U	UG/L
			TB	ST106-TB-23012009	MTBE	2/4/2009	5	0.26	U	UG/L
			TB	ST106-TB-23012009	Naphthalene	2/4/2009	1	0.32	U	UG/L
			TB	ST106-TB-23012009	n-Butylbenzene	2/4/2009	1	0.22	U	UG/L
			TB	ST106-TB-23012009	n-Propylbenzene	2/4/2009	1	0.28	U	UG/L
			TB	ST106-TB-23012009	o-Xylene	2/4/2009	1	0.2	U	UG/L
			TB	ST106-TB-23012009	p,m-Xylene	2/4/2009	2	0.27	U	UG/L
			TB	ST106-TB-23012009	sec-Butylbenzene	2/4/2009	1	0.2	U	UG/L
			TB	ST106-TB-23012009	Styrene	2/4/2009	1	0.2	U	UG/L
			TB	ST106-TB-23012009	tert-Butylbenzene	2/4/2009	1	0.28	U	UG/L
			TB	ST106-TB-23012009	Tetrachloroethene	2/4/2009	1	0.35	U	UG/L
			TB	ST106-TB-23012009	Toluene	2/4/2009	1	0.22	U	UG/L
			TB	ST106-TB-23012009	trans-1,2-Dichloroethene	2/4/2009	1	0.23	U	UG/L
			TB	ST106-TB-23012009	trans-1,3-Dichloropropene	2/4/2009	1	0.15	U	UG/L
			TB	ST106-TB-23012009	Trichloroethene	2/4/2009	1	0.42	U	UG/L
			TB	ST106-TB-23012009	Trichlorofluoromethane	2/4/2009	2	0.25	U	UG/L
			TB	ST106-TB-23012009	Vinyl chloride	2/4/2009	1	0.28	U	UG/L
			TB	ST106-TB-23012009	Xylene (total)	2/4/2009	3	0.27	U	UG/L
	SW8270C		LB	5697BLK	1,2-Dichlorobenzene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	1,3-Dinitrobenzene	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	2,4,5-Trichlorophenol	1/29/2009	20	3.4	U	UG/L
			LB	5697BLK	2,4,6-Trichlorophenol	1/29/2009	20	3.6	U	UG/L
			LB	5697BLK	2,4-Dimethylphenol	1/29/2009	10	2.3	U	UG/L
			LB	5697BLK	2,4-Dinitrophenol	1/29/2009	60	5.6	U	UG/L
			LB	5697BLK	2,4-Dinitrotoluene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	2,6-Dinitrotoluene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	2-Chloronaphthalene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	2-Chlorophenol	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	2-Methyl-4,6-dinitrophenol	1/29/2009	60	3.3	U	UG/L
			LB	5697BLK	2-Methylnaphthalene	1/29/2009	10	2.8	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511616										
	SW8270C	WATER	LB	5697BLK	2-Methylphenol (o-Cresol)	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	2-Nitroaniline	1/29/2009	50	3	U	UG/L
			LB	5697BLK	2-Nitrophenol	1/29/2009	20	3.4	U	UG/L
			LB	5697BLK	3,3'-Dichlorobenzidine	1/29/2009	20	2.7	U	UG/L
			LB	5697BLK	3-Nitroaniline	1/29/2009	50	2.8	U	UG/L
			LB	5697BLK	4-Bromophenyl-phenylether	1/29/2009	10	2.3	U	UG/L
			LB	5697BLK	4-Chloro-3-methylphenol	1/29/2009	20	2.7	U	UG/L
			LB	5697BLK	4-Chloroaniline	1/29/2009	20	3	U	UG/L
			LB	5697BLK	4-Chlorophenyl-phenylether	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	4-Methylphenol	1/29/2009	20	6.1	U	UG/L
			LB	5697BLK	4-Nitroaniline	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	4-Nitrophenol	1/29/2009	50	2.9	U	UG/L
			LB	5697BLK	Acenaphthene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Acenaphthylene	1/29/2009	10	3	U	UG/L
			LB	5697BLK	Anthracene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Benzidine	1/29/2009	150	20	U	UG/L
			LB	5697BLK	Benzo(a)anthracene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Benzo(a)pyrene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Benzo(b)fluoranthene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Benzo(g,h,i)perylene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Benzo(k)fluoranthene	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	Benzoic acid	1/29/2009	60	14	U	UG/L
			LB	5697BLK	Bis(2-Chloroethoxy)methane	1/29/2009	10	3.5	U	UG/L
			LB	5697BLK	Bis(2-Chloroethyl)ether	1/29/2009	10	3	U	UG/L
			LB	5697BLK	bis(2-ethylhexyl)phthalate	1/29/2009	10	4.4	U	UG/L
			LB	5697BLK	Butylbenzylphthalate	1/29/2009	20	3	U	UG/L
			LB	5697BLK	Chrysene	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	Dibenz(a,h)anthracene	1/29/2009	10	2.7	U	UG/L
			LB	5697BLK	Dibenzofuran	1/29/2009	10	2.7	U	UG/L
			LB	5697BLK	Diethylphthalate	1/29/2009	10	2.8	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511616										
	SW8270C	WATER	LB	5697BLK	Dimethyl-phthalate	1/29/2009	10	3	U	UG/L
			LB	5697BLK	Di-n-butylphthalate	1/29/2009	20	2.9	U	UG/L
			LB	5697BLK	Di-n-octylphthalate	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	Fluoranthene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	Fluorene	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	Hexachlorobenzene	1/29/2009	10	0.41	U	UG/L
			LB	5697BLK	Hexachlorobutadiene	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	Hexachlorocyclopentadiene	1/29/2009	10	2.2	U	UG/L
			LB	5697BLK	Hexachloroethane	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Indeno(1,2,3-cd)pyrene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Naphthalene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Nitrobenzene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	N-Nitroso-di-n-propylamine	1/29/2009	20	3	U	UG/L
			LB	5697BLK	N-Nitrosodiphenylamine	1/29/2009	10	3.4	U	UG/L
			LB	5697BLK	Pentachlorophenol	1/29/2009	60	2.6	U	UG/L
			LB	5697BLK	Phenanthrene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Phenol	1/29/2009	10	1.7	U	UG/L
			LB	5697BLK	Pyrene	1/29/2009	10	2.9	U	UG/L
	SW8310		LB	684MB	1-Methylnaphthalene	1/26/2009	1	0.033	U	UG/L
			LB	684MB	2-Methylnaphthalene	1/26/2009	1	0.068	U	UG/L
			LB	684MB	Acenaphthene	1/26/2009	1	0.033	U	UG/L
			LB	684MB	Acenaphthylene	1/26/2009	1	0.028	U	UG/L
			LB	684MB	Anthracene	1/26/2009	0.024	0.012	J	UG/L
			LB	684MB	Benzo(a)anthracene	1/26/2009	0.054	0.03	J	UG/L
			LB	684MB	Benzo(a)pyrene	1/26/2009	0.2	0.033	U	UG/L
			LB	684MB	Benzo(b)fluoranthene	1/26/2009	0.2	0.032	U	UG/L
			LB	684MB	Benzo(g,h,i)perylene	1/26/2009	0.2	0.029	U	UG/L
			LB	684MB	Benzo(k)fluoranthene	1/26/2009	0.15	0.074	U	UG/L
			LB	684MB	Chrysene	1/26/2009	0.2	0.087	U	UG/L
			LB	684MB	Dibenz(a,h)anthracene	1/26/2009	0.3	0.036	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511616										
	SW8310	WATER	LB	684MB	Fluoranthene	1/26/2009	0.4	0.035	U	UG/L
			LB	684MB	Fluorene	1/26/2009	0.3	0.019	U	UG/L
			LB	684MB	Indeno(1,2,3-cd)pyrene	1/26/2009	0.2	0.02	U	UG/L
			LB	684MB	Naphthalene	1/26/2009	1	0.042	U	UG/L
			LB	684MB	Phenanthrene	1/26/2009	0.3	0.039	U	UG/L
			LB	684MB	Pyrene	1/26/2009	0.2	0.038	U	UG/L
2511628										
	E300	WATER	EB	ST106-EB-26012009	Nitrate	1/27/2009	0.0353	0.015	J	MG/L
			EB	ST106-EB-26012009	Sulfate	1/27/2009	0.463	0.074	J	MG/L
			LB	690525MB	Nitrate	1/27/2009	10	0.015	U	MG/L
			LB	690525MB	Sulfate	1/27/2009	1	0.074	U	MG/L
	SW6010B		EB	ST106-EB-26012009	Iron, dissolved	2/3/2009	0.00598	0.006	J	MG/L
			EB	ST106-EB-26012009	Manganese, dissolved	2/3/2009	0.000534	0.0004	J	MG/L
			LB	277795BLK	Iron, dissolved	2/3/2009	0.0104	0.006	J	MG/L
			LB	277795BLK	Manganese, dissolved	2/3/2009	0.01	0.0004	U	MG/L
	SW8011		EB	ST106-EB-26012009	1,2-Dibromo-3-chloropropane	1/29/2009	0.02	0.008	U	UG/L
			EB	ST106-EB-26012009	1,2-Dibromoethane(EDB)	1/29/2009	0.02	0.01	U	UG/L
			LB	703BLK	1,2-Dibromo-3-chloropropane	1/29/2009	0.0199	0.008	U	UG/L
			LB	703BLK	1,2-Dibromoethane(EDB)	1/29/2009	0.0199	0.01	U	UG/L
	SW8015-E		EB	ST106-EB-26012009	TPH C10-C28	1/30/2009	318	127	U	UG/L
			LB	5699BLK	TPH C10-C28	1/28/2009	250	100	U	UG/L
			LB	5712BLK	TPH C10-C28	1/30/2009	250	100	U	UG/L
	SW8015-P		EB	ST106-EB-26012009	TPH C6-C10	1/28/2009	64	32	U	UG/L
			LB	0128BLK1	TPH C6-C10	1/28/2009	64	32	U	UG/L
			TB	ST106-TB-26012009	TPH C6-C10	1/28/2009	64	32	U	UG/L
	SW8260B		EB	ST106-EB-26012009	1,1,1,2-Tetrachloroethane	2/5/2009	1	0.25	U	UG/L
			EB	ST106-EB-26012009	1,1,1-Trichloroethane	2/5/2009	1	0.16	U	UG/L
			EB	ST106-EB-26012009	1,1,2,2-Tetrachloroethane	2/5/2009	1	0.26	U	UG/L
			EB	ST106-EB-26012009	1,1,2-Trichloroethane	2/5/2009	1	0.28	U	UG/L
			EB	ST106-EB-26012009	1,1-Dichloroethane	2/5/2009	1	0.22	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8260B	WATER	EB	ST106-EB-26012009	1,1-Dichloroethene	2/5/2009	1	0.24	U	UG/L
			EB	ST106-EB-26012009	1,1-Dichloropropene	2/5/2009	1	0.19	U	UG/L
			EB	ST106-EB-26012009	1,2,3-Trichlorobenzene	2/5/2009	1.2	0.61	U	UG/L
			EB	ST106-EB-26012009	1,2,3-Trichloropropane	2/5/2009	1.5	0.76	U	UG/L
			EB	ST106-EB-26012009	1,2,4-Trichlorobenzene	2/5/2009	1	0.5	U	UG/L
			EB	ST106-EB-26012009	1,2,4-Trimethylbenzene	2/5/2009	1	0.17	U	UG/L
			EB	ST106-EB-26012009	1,2-Dibromo-3-chloropropane	2/5/2009	5	1.4	U	UG/L
			EB	ST106-EB-26012009	1,2-Dibromoethane(EDB)	2/5/2009	1	0.33	U	UG/L
			EB	ST106-EB-26012009	1,2-Dichlorobenzene	2/5/2009	1	0.26	U	UG/L
			EB	ST106-EB-26012009	1,2-Dichloroethane	2/5/2009	1	0.4	U	UG/L
			EB	ST106-EB-26012009	1,2-Dichloropropane	2/5/2009	1	0.27	U	UG/L
			EB	ST106-EB-26012009	1,3,5-Trimethylbenzene	2/5/2009	1	0.22	U	UG/L
			EB	ST106-EB-26012009	1,3-Dichlorobenzene	2/5/2009	1	0.14	U	UG/L
			EB	ST106-EB-26012009	1,3-Dichloropropane	2/5/2009	1	0.19	U	UG/L
			EB	ST106-EB-26012009	1,4-Dichlorobenzene	2/5/2009	1	0.24	U	UG/L
			EB	ST106-EB-26012009	2,2-Dichloropropane	2/5/2009	5	0.32	U	UG/L
			EB	ST106-EB-26012009	2-Butanone	2/5/2009	6	1	U	UG/L
			EB	ST106-EB-26012009	2-Chlorotoluene	2/5/2009	1	0.32	U	UG/L
			EB	ST106-EB-26012009	2-Hexanone	2/5/2009	5	0.8	U	UG/L
			EB	ST106-EB-26012009	4-Chlorotoluene	2/5/2009	1	0.12	U	UG/L
			EB	ST106-EB-26012009	4-Isopropyltoluene	2/5/2009	1	0.24	U	UG/L
			EB	ST106-EB-26012009	4-Methyl-2-pentanone	2/5/2009	5	0.61	U	UG/L
			EB	ST106-EB-26012009	Acetone	2/5/2009	10	3.6	U	UG/L
			EB	ST106-EB-26012009	Benzene	2/5/2009	1	0.16	U	UG/L
			EB	ST106-EB-26012009	Bromobenzene	2/5/2009	1	0.27	U	UG/L
			EB	ST106-EB-26012009	Bromochloromethane	2/5/2009	1	0.38	U	UG/L
			EB	ST106-EB-26012009	Bromodichloromethane	2/5/2009	1	0.15	U	UG/L
			EB	ST106-EB-26012009	Bromoform	2/5/2009	1	0.35	U	UG/L
			EB	ST106-EB-26012009	Bromomethane	2/5/2009	2	0.76	U	UG/L
			EB	ST106-EB-26012009	Carbon disulfide	2/5/2009	2	0.29	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8260B	WATER	EB	ST106-EB-26012009	Carbon tetrachloride	2/5/2009	1	0.33	U	UG/L
			EB	ST106-EB-26012009	Chlorobenzene	2/5/2009	1	0.18	U	UG/L
			EB	ST106-EB-26012009	Chloroethane	2/5/2009	2	0.99	U	UG/L
			EB	ST106-EB-26012009	Chloroform	2/5/2009	1	0.29	U	UG/L
			EB	ST106-EB-26012009	Chloromethane	2/5/2009	2	0.68	U	UG/L
			EB	ST106-EB-26012009	cis-1,2-Dichloroethene	2/5/2009	1	0.29	U	UG/L
			EB	ST106-EB-26012009	cis-1,3-Dichloropropene	2/5/2009	1	0.23	U	UG/L
			EB	ST106-EB-26012009	Dibromochloromethane	2/5/2009	1	0.34	U	UG/L
			EB	ST106-EB-26012009	Dibromomethane	2/5/2009	1.1	0.53	U	UG/L
			EB	ST106-EB-26012009	Dichlorodifluoromethane	2/5/2009	2	0.19	U	UG/L
			EB	ST106-EB-26012009	Ethylbenzene	2/5/2009	1	0.43	U	UG/L
			EB	ST106-EB-26012009	Hexachlorobutadiene	2/5/2009	1	0.4	U	UG/L
			EB	ST106-EB-26012009	Isopropylbenzene (Cumene)	2/5/2009	1	0.41	U	UG/L
			EB	ST106-EB-26012009	Methylene chloride	2/5/2009	5	0.52	U	UG/L
			EB	ST106-EB-26012009	MTBE	2/5/2009	5	0.26	U	UG/L
			EB	ST106-EB-26012009	Naphthalene	2/5/2009	1	0.32	U	UG/L
			EB	ST106-EB-26012009	n-Butylbenzene	2/5/2009	1	0.22	U	UG/L
			EB	ST106-EB-26012009	n-Propylbenzene	2/5/2009	1	0.28	U	UG/L
			EB	ST106-EB-26012009	o-Xylene	2/5/2009	1	0.2	U	UG/L
			EB	ST106-EB-26012009	p,m-Xylene	2/5/2009	2	0.27	U	UG/L
			EB	ST106-EB-26012009	sec-Butylbenzene	2/5/2009	1	0.2	U	UG/L
			EB	ST106-EB-26012009	Styrene	2/5/2009	1	0.2	U	UG/L
			EB	ST106-EB-26012009	tert-Butylbenzene	2/5/2009	1	0.28	U	UG/L
			EB	ST106-EB-26012009	Tetrachloroethene	2/5/2009	1	0.35	U	UG/L
			EB	ST106-EB-26012009	Toluene	2/5/2009	1	0.22	U	UG/L
			EB	ST106-EB-26012009	trans-1,2-Dichloroethene	2/5/2009	1	0.23	U	UG/L
			EB	ST106-EB-26012009	trans-1,3-Dichloropropene	2/5/2009	1	0.15	U	UG/L
			EB	ST106-EB-26012009	Trichloroethene	2/5/2009	1	0.42	U	UG/L
			EB	ST106-EB-26012009	Trichlorofluoromethane	2/5/2009	2	0.25	U	UG/L
			EB	ST106-EB-26012009	Vinyl chloride	2/5/2009	1	0.28	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8260B	WATER	EB	ST106-EB-26012009	Xylene (total)	2/5/2009	3	0.27	U	UG/L
			LB	020509BLKA32	1,1,1,2-Tetrachloroethane	2/5/2009	1	0.25	U	UG/L
			LB	020509BLKA32	1,1,1-Trichloroethane	2/5/2009	1	0.16	U	UG/L
			LB	020509BLKA32	1,1,2,2-Tetrachloroethane	2/5/2009	1	0.26	U	UG/L
			LB	020509BLKA32	1,1,2-Trichloroethane	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	1,1-Dichloroethane	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	1,1-Dichloroethene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	1,1-Dichloropropene	2/5/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,2,3-Trichlorobenzene	2/5/2009	1.2	0.61	U	UG/L
			LB	020509BLKA32	1,2,3-Trichloropropane	2/5/2009	1.5	0.76	U	UG/L
			LB	020509BLKA32	1,2,4-Trichlorobenzene	2/5/2009	1	0.5	U	UG/L
			LB	020509BLKA32	1,2,4-Trimethylbenzene	2/5/2009	1	0.17	U	UG/L
			LB	020509BLKA32	1,2-Dibromo-3-chloropropane	2/5/2009	5	1.4	U	UG/L
			LB	020509BLKA32	1,2-Dibromoethane(EDB)	2/5/2009	1	0.33	U	UG/L
			LB	020509BLKA32	1,2-Dichlorobenzene	2/5/2009	1	0.26	U	UG/L
			LB	020509BLKA32	1,2-Dichloroethane	2/5/2009	1	0.4	U	UG/L
			LB	020509BLKA32	1,2-Dichloropropane	2/5/2009	1	0.27	U	UG/L
			LB	020509BLKA32	1,3,5-Trimethylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	1,3-Dichlorobenzene	2/5/2009	1	0.14	U	UG/L
			LB	020509BLKA32	1,3-Dichloropropane	2/5/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,4-Dichlorobenzene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	2,2-Dichloropropane	2/5/2009	5	0.32	U	UG/L
			LB	020509BLKA32	2-Butanone	2/5/2009	6	1	U	UG/L
			LB	020509BLKA32	2-Chlorotoluene	2/5/2009	1	0.32	U	UG/L
			LB	020509BLKA32	2-Hexanone	2/5/2009	5	0.8	U	UG/L
			LB	020509BLKA32	4-Chlorotoluene	2/5/2009	1	0.12	U	UG/L
			LB	020509BLKA32	4-Isopropyltoluene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	4-Methyl-2-pentanone	2/5/2009	5	0.61	U	UG/L
			LB	020509BLKA32	Acetone	2/5/2009	10	3.6	U	UG/L
			LB	020509BLKA32	Benzene	2/5/2009	1	0.16	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8260B	WATER	LB	020509BLKA32	Bromobenzene	2/5/2009	1	0.27	U	UG/L
			LB	020509BLKA32	Bromochloromethane	2/5/2009	1	0.38	U	UG/L
			LB	020509BLKA32	Bromodichloromethane	2/5/2009	1	0.15	U	UG/L
			LB	020509BLKA32	Bromoform	2/5/2009	1	0.35	U	UG/L
			LB	020509BLKA32	Bromomethane	2/5/2009	2	0.76	U	UG/L
			LB	020509BLKA32	Carbon disulfide	2/5/2009	2	0.29	U	UG/L
			LB	020509BLKA32	Carbon tetrachloride	2/5/2009	1	0.33	U	UG/L
			LB	020509BLKA32	Chlorobenzene	2/5/2009	1	0.18	U	UG/L
			LB	020509BLKA32	Chloroethane	2/5/2009	2	0.99	U	UG/L
			LB	020509BLKA32	Chloroform	2/5/2009	1	0.29	U	UG/L
			LB	020509BLKA32	Chloromethane	2/5/2009	2	0.68	U	UG/L
			LB	020509BLKA32	cis-1,2-Dichloroethene	2/5/2009	1	0.29	U	UG/L
			LB	020509BLKA32	cis-1,3-Dichloropropene	2/5/2009	1	0.23	U	UG/L
			LB	020509BLKA32	Dibromochloromethane	2/5/2009	1	0.34	U	UG/L
			LB	020509BLKA32	Dibromomethane	2/5/2009	1.1	0.53	U	UG/L
			LB	020509BLKA32	Dichlorodifluoromethane	2/5/2009	2	0.19	U	UG/L
			LB	020509BLKA32	Ethylbenzene	2/5/2009	1	0.43	U	UG/L
			LB	020509BLKA32	Hexachlorobutadiene	2/5/2009	1	0.4	U	UG/L
			LB	020509BLKA32	Isopropylbenzene (Cumene)	2/5/2009	1	0.41	U	UG/L
			LB	020509BLKA32	Methylene chloride	2/5/2009	5	0.52	U	UG/L
			LB	020509BLKA32	MTBE	2/5/2009	5	0.26	U	UG/L
			LB	020509BLKA32	Naphthalene	2/5/2009	1	0.32	U	UG/L
			LB	020509BLKA32	n-Butylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	n-Propylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	o-Xylene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	p,m-Xylene	2/5/2009	2	0.27	U	UG/L
			LB	020509BLKA32	sec-Butylbenzene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	Styrene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	tert-Butylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	Tetrachloroethene	2/5/2009	1	0.35	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8260B	WATER	LB	020509BLKA32	Toluene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	trans-1,2-Dichloroethene	2/5/2009	1	0.23	U	UG/L
			LB	020509BLKA32	trans-1,3-Dichloropropene	2/5/2009	1	0.15	U	UG/L
			LB	020509BLKA32	Trichloroethene	2/5/2009	1	0.42	U	UG/L
			LB	020509BLKA32	Trichlorofluoromethane	2/5/2009	2	0.25	U	UG/L
			LB	020509BLKA32	Vinyl chloride	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	Xylene (total)	2/5/2009	3	0.27	U	UG/L
			TB	ST106-TB-26012009	1,1,1,2-Tetrachloroethane	2/5/2009	1	0.25	U	UG/L
			TB	ST106-TB-26012009	1,1,1-Trichloroethane	2/5/2009	1	0.16	U	UG/L
			TB	ST106-TB-26012009	1,1,2,2-Tetrachloroethane	2/5/2009	1	0.26	U	UG/L
			TB	ST106-TB-26012009	1,1,2-Trichloroethane	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-26012009	1,1-Dichloroethane	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-26012009	1,1-Dichloroethene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-26012009	1,1-Dichloropropene	2/5/2009	1	0.19	U	UG/L
			TB	ST106-TB-26012009	1,2,3-Trichlorobenzene	2/5/2009	1.2	0.61	U	UG/L
			TB	ST106-TB-26012009	1,2,3-Trichloropropane	2/5/2009	1.5	0.76	U	UG/L
			TB	ST106-TB-26012009	1,2,4-Trichlorobenzene	2/5/2009	1	0.5	U	UG/L
			TB	ST106-TB-26012009	1,2,4-Trimethylbenzene	2/5/2009	1	0.17	U	UG/L
			TB	ST106-TB-26012009	1,2-Dibromo-3-chloropropane	2/5/2009	5	1.4	U	UG/L
			TB	ST106-TB-26012009	1,2-Dibromoethane(EDB)	2/5/2009	1	0.33	U	UG/L
			TB	ST106-TB-26012009	1,2-Dichlorobenzene	2/5/2009	1	0.26	U	UG/L
			TB	ST106-TB-26012009	1,2-Dichloroethane	2/5/2009	1	0.4	U	UG/L
			TB	ST106-TB-26012009	1,2-Dichloropropane	2/5/2009	1	0.27	U	UG/L
			TB	ST106-TB-26012009	1,3,5-Trimethylbenzene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-26012009	1,3-Dichlorobenzene	2/5/2009	1	0.14	U	UG/L
			TB	ST106-TB-26012009	1,3-Dichloropropane	2/5/2009	1	0.19	U	UG/L
			TB	ST106-TB-26012009	1,4-Dichlorobenzene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-26012009	2,2-Dichloropropane	2/5/2009	5	0.32	U	UG/L
			TB	ST106-TB-26012009	2-Butanone	2/5/2009	6	1	U	UG/L
			TB	ST106-TB-26012009	2-Chlorotoluene	2/5/2009	1	0.32	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8260B	WATER	TB	ST106-TB-26012009	2-Hexanone	2/5/2009	5	0.8	U	UG/L
			TB	ST106-TB-26012009	4-Chlorotoluene	2/5/2009	1	0.12	U	UG/L
			TB	ST106-TB-26012009	4-Isopropyltoluene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-26012009	4-Methyl-2-pentanone	2/5/2009	5	0.61	U	UG/L
			TB	ST106-TB-26012009	Acetone	2/5/2009	10	3.6	U	UG/L
			TB	ST106-TB-26012009	Benzene	2/5/2009	1	0.16	U	UG/L
			TB	ST106-TB-26012009	Bromobenzene	2/5/2009	1	0.27	U	UG/L
			TB	ST106-TB-26012009	Bromochloromethane	2/5/2009	1	0.38	U	UG/L
			TB	ST106-TB-26012009	Bromodichloromethane	2/5/2009	1	0.15	U	UG/L
			TB	ST106-TB-26012009	Bromoform	2/5/2009	1	0.35	U	UG/L
			TB	ST106-TB-26012009	Bromomethane	2/5/2009	2	0.76	U	UG/L
			TB	ST106-TB-26012009	Carbon disulfide	2/5/2009	2	0.29	U	UG/L
			TB	ST106-TB-26012009	Carbon tetrachloride	2/5/2009	1	0.33	U	UG/L
			TB	ST106-TB-26012009	Chlorobenzene	2/5/2009	1	0.18	U	UG/L
			TB	ST106-TB-26012009	Chloroethane	2/5/2009	2	0.99	U	UG/L
			TB	ST106-TB-26012009	Chloroform	2/5/2009	1	0.29	U	UG/L
			TB	ST106-TB-26012009	Chloromethane	2/5/2009	2	0.68	U	UG/L
			TB	ST106-TB-26012009	cis-1,2-Dichloroethene	2/5/2009	1	0.29	U	UG/L
			TB	ST106-TB-26012009	cis-1,3-Dichloropropene	2/5/2009	1	0.23	U	UG/L
			TB	ST106-TB-26012009	Dibromochloromethane	2/5/2009	1	0.34	U	UG/L
			TB	ST106-TB-26012009	Dibromomethane	2/5/2009	1.1	0.53	U	UG/L
			TB	ST106-TB-26012009	Dichlorodifluoromethane	2/5/2009	2	0.19	U	UG/L
			TB	ST106-TB-26012009	Ethylbenzene	2/5/2009	1	0.43	U	UG/L
			TB	ST106-TB-26012009	Hexachlorobutadiene	2/5/2009	1	0.4	U	UG/L
			TB	ST106-TB-26012009	Isopropylbenzene (Cumene)	2/5/2009	1	0.41	U	UG/L
			TB	ST106-TB-26012009	Methylene chloride	2/5/2009	5	0.52	U	UG/L
			TB	ST106-TB-26012009	MTBE	2/5/2009	5	0.26	U	UG/L
			TB	ST106-TB-26012009	Naphthalene	2/5/2009	1	0.32	U	UG/L
			TB	ST106-TB-26012009	n-Butylbenzene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-26012009	n-Propylbenzene	2/5/2009	1	0.28	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8260B	WATER	TB	ST106-TB-26012009	o-Xylene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-26012009	p,m-Xylene	2/5/2009	2	0.27	U	UG/L
			TB	ST106-TB-26012009	sec-Butylbenzene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-26012009	Styrene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-26012009	tert-Butylbenzene	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-26012009	Tetrachloroethene	2/5/2009	1	0.35	U	UG/L
			TB	ST106-TB-26012009	Toluene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-26012009	trans-1,2-Dichloroethene	2/5/2009	1	0.23	U	UG/L
			TB	ST106-TB-26012009	trans-1,3-Dichloropropene	2/5/2009	1	0.15	U	UG/L
			TB	ST106-TB-26012009	Trichloroethene	2/5/2009	1	0.42	U	UG/L
			TB	ST106-TB-26012009	Trichlorofluoromethane	2/5/2009	2	0.25	U	UG/L
			TB	ST106-TB-26012009	Vinyl chloride	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-26012009	Xylene (total)	2/5/2009	3	0.27	U	UG/L
	SW8270C		EB	ST106-EB-26012009	1,2-Dichlorobenzene	1/30/2009	11.5	3	U	UG/L
			EB	ST106-EB-26012009	1,3-Dinitrobenzene	1/30/2009	11.5	2.9	U	UG/L
			EB	ST106-EB-26012009	2,4,5-Trichlorophenol	1/30/2009	23	3.9	U	UG/L
			EB	ST106-EB-26012009	2,4,6-Trichlorophenol	1/30/2009	23	4.1	U	UG/L
			EB	ST106-EB-26012009	2,4-Dimethylphenol	1/30/2009	11.5	2.6	U	UG/L
			EB	ST106-EB-26012009	2,4-Dinitrophenol	1/30/2009	69	6.4	U	UG/L
			EB	ST106-EB-26012009	2,4-Dinitrotoluene	1/30/2009	23	3.2	U	UG/L
			EB	ST106-EB-26012009	2,6-Dinitrotoluene	1/30/2009	23	3.2	U	UG/L
			EB	ST106-EB-26012009	2-Chloronaphthalene	1/30/2009	11.5	3.2	U	UG/L
			EB	ST106-EB-26012009	2-Chlorophenol	1/30/2009	11.5	3.3	U	UG/L
			EB	ST106-EB-26012009	2-Methyl-4,6-dinitrophenol	1/30/2009	69	3.8	U	UG/L
			EB	ST106-EB-26012009	2-Methylnaphthalene	1/30/2009	11.5	3.2	U	UG/L
			EB	ST106-EB-26012009	2-Methylphenol (o-Cresol)	1/30/2009	11.5	3	U	UG/L
			EB	ST106-EB-26012009	2-Nitroaniline	1/30/2009	57.5	3.4	U	UG/L
			EB	ST106-EB-26012009	2-Nitrophenol	1/30/2009	23	3.9	U	UG/L
			EB	ST106-EB-26012009	3,3'-Dichlorobenzidine	1/30/2009	23	3.1	U	UG/L
			EB	ST106-EB-26012009	3-Nitroaniline	1/30/2009	57.5	3.2	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8270C	WATER	EB	ST106-EB-26012009	4-Bromophenyl-phenylether	1/30/2009	11.5	2.6	U	UG/L
			EB	ST106-EB-26012009	4-Chloro-3-methylphenol	1/30/2009	23	3.1	U	UG/L
			EB	ST106-EB-26012009	4-Chloroaniline	1/30/2009	23	3.4	U	UG/L
			EB	ST106-EB-26012009	4-Chlorophenyl-phenylether	1/30/2009	11.5	2.9	U	UG/L
			EB	ST106-EB-26012009	4-Methylphenol	1/30/2009	23	7	U	UG/L
			EB	ST106-EB-26012009	4-Nitroaniline	1/30/2009	11.5	3.2	U	UG/L
			EB	ST106-EB-26012009	4-Nitrophenol	1/30/2009	57.5	3.3	U	UG/L
			EB	ST106-EB-26012009	Acenaphthene	1/30/2009	11.5	3.2	U	UG/L
			EB	ST106-EB-26012009	Acenaphthylene	1/30/2009	11.5	3.4	U	UG/L
			EB	ST106-EB-26012009	Anthracene	1/30/2009	11.5	3.2	U	UG/L
			EB	ST106-EB-26012009	Benzidine	1/30/2009	172	23	U	UG/L
			EB	ST106-EB-26012009	Benzo(a)anthracene	1/30/2009	11.5	3	U	UG/L
			EB	ST106-EB-26012009	Benzo(a)pyrene	1/30/2009	11.5	3.2	U	UG/L
			EB	ST106-EB-26012009	Benzo(b)fluoranthene	1/30/2009	11.5	3	U	UG/L
			EB	ST106-EB-26012009	Benzo(g,h,i)perylene	1/30/2009	11.5	3	U	UG/L
			EB	ST106-EB-26012009	Benzo(k)fluoranthene	1/30/2009	11.5	3.3	U	UG/L
			EB	ST106-EB-26012009	Benzoic acid	1/30/2009	69	16.1	U	UG/L
			EB	ST106-EB-26012009	Bis(2-Chloroethoxy)methane	1/30/2009	11.5	4	U	UG/L
			EB	ST106-EB-26012009	Bis(2-Chloroethyl)ether	1/30/2009	11.5	3.4	U	UG/L
			EB	ST106-EB-26012009	bis(2-ethylhexyl)phthalate	1/30/2009	11.5	5	U	UG/L
			EB	ST106-EB-26012009	Butylbenzylphthalate	1/30/2009	23	3.4	U	UG/L
			EB	ST106-EB-26012009	Chrysene	1/30/2009	11.5	3.3	U	UG/L
			EB	ST106-EB-26012009	Dibenz(a,h)anthracene	1/30/2009	11.5	3.1	U	UG/L
			EB	ST106-EB-26012009	Dibenzofuran	1/30/2009	11.5	3.1	U	UG/L
			EB	ST106-EB-26012009	Diethylphthalate	1/30/2009	11.5	3.2	U	UG/L
			EB	ST106-EB-26012009	Dimethyl-phthalate	1/30/2009	11.5	3.4	U	UG/L
			EB	ST106-EB-26012009	Di-n-butylphthalate	1/30/2009	23	3.3	U	UG/L
			EB	ST106-EB-26012009	Di-n-octylphthalate	1/30/2009	23	3.2	U	UG/L
			EB	ST106-EB-26012009	Fluoranthene	1/30/2009	23	3.2	U	UG/L
			EB	ST106-EB-26012009	Fluorene	1/30/2009	11.5	3.3	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8270C	WATER	EB	ST106-EB-26012009	Hexachlorobenzene	1/30/2009	11.5	0.47	U	UG/L
			EB	ST106-EB-26012009	Hexachlorobutadiene	1/30/2009	11.5	2.9	U	UG/L
			EB	ST106-EB-26012009	Hexachlorocyclopentadiene	1/30/2009	11.5	2.5	U	UG/L
			EB	ST106-EB-26012009	Hexachloroethane	1/30/2009	11.5	3	U	UG/L
			EB	ST106-EB-26012009	Indeno(1,2,3-cd)pyrene	1/30/2009	11.5	3	U	UG/L
			EB	ST106-EB-26012009	Naphthalene	1/30/2009	11.5	3.2	U	UG/L
			EB	ST106-EB-26012009	Nitrobenzene	1/30/2009	23	3.2	U	UG/L
			EB	ST106-EB-26012009	N-Nitroso-di-n-propylamine	1/30/2009	23	3.4	U	UG/L
			EB	ST106-EB-26012009	N-Nitrosodiphenylamine	1/30/2009	11.5	3.9	U	UG/L
			EB	ST106-EB-26012009	Pentachlorophenol	1/30/2009	69	3	U	UG/L
			EB	ST106-EB-26012009	Phenanthrene	1/30/2009	11.5	3.2	U	UG/L
			EB	ST106-EB-26012009	Phenol	1/30/2009	11.5	2	U	UG/L
			EB	ST106-EB-26012009	Pyrene	1/30/2009	11.5	3.3	U	UG/L
			LB	5697BLK	1,2-Dichlorobenzene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	1,3-Dinitrobenzene	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	2,4,5-Trichlorophenol	1/29/2009	20	3.4	U	UG/L
			LB	5697BLK	2,4,6-Trichlorophenol	1/29/2009	20	3.6	U	UG/L
			LB	5697BLK	2,4-Dimethylphenol	1/29/2009	10	2.3	U	UG/L
			LB	5697BLK	2,4-Dinitrophenol	1/29/2009	60	5.6	U	UG/L
			LB	5697BLK	2,4-Dinitrotoluene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	2,6-Dinitrotoluene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	2-Chloronaphthalene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	2-Chlorophenol	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	2-Methyl-4,6-dinitrophenol	1/29/2009	60	3.3	U	UG/L
			LB	5697BLK	2-Methylnaphthalene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	2-Methylphenol (o-Cresol)	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	2-Nitroaniline	1/29/2009	50	3	U	UG/L
			LB	5697BLK	2-Nitrophenol	1/29/2009	20	3.4	U	UG/L
			LB	5697BLK	3,3'-Dichlorobenzidine	1/29/2009	20	2.7	U	UG/L
			LB	5697BLK	3-Nitroaniline	1/29/2009	50	2.8	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8270C	WATER	LB	5697BLK	4-Bromophenyl-phenylether	1/29/2009	10	2.3	U	UG/L
			LB	5697BLK	4-Chloro-3-methylphenol	1/29/2009	20	2.7	U	UG/L
			LB	5697BLK	4-Chloroaniline	1/29/2009	20	3	U	UG/L
			LB	5697BLK	4-Chlorophenyl-phenylether	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	4-Methylphenol	1/29/2009	20	6.1	U	UG/L
			LB	5697BLK	4-Nitroaniline	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	4-Nitrophenol	1/29/2009	50	2.9	U	UG/L
			LB	5697BLK	Acenaphthene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Acenaphthylene	1/29/2009	10	3	U	UG/L
			LB	5697BLK	Anthracene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Benzidine	1/29/2009	150	20	U	UG/L
			LB	5697BLK	Benzo(a)anthracene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Benzo(a)pyrene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Benzo(b)fluoranthene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Benzo(g,h,i)perylene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Benzo(k)fluoranthene	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	Benzoic acid	1/29/2009	60	14	U	UG/L
			LB	5697BLK	Bis(2-Chloroethoxy)methane	1/29/2009	10	3.5	U	UG/L
			LB	5697BLK	Bis(2-Chloroethyl)ether	1/29/2009	10	3	U	UG/L
			LB	5697BLK	bis(2-ethylhexyl)phthalate	1/29/2009	10	4.4	U	UG/L
			LB	5697BLK	Butylbenzylphthalate	1/29/2009	20	3	U	UG/L
			LB	5697BLK	Chrysene	1/29/2009	10	2.9	U	UG/L
			LB	5697BLK	Dibenz(a,h)anthracene	1/29/2009	10	2.7	U	UG/L
			LB	5697BLK	Dibenzofuran	1/29/2009	10	2.7	U	UG/L
			LB	5697BLK	Diethylphthalate	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Dimethyl-phthalate	1/29/2009	10	3	U	UG/L
			LB	5697BLK	Di-n-butylphthalate	1/29/2009	20	2.9	U	UG/L
			LB	5697BLK	Di-n-octylphthalate	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	Fluoranthene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	Fluorene	1/29/2009	10	2.9	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8270C	WATER	LB	5697BLK	Hexachlorobenzene	1/29/2009	10	0.41	U	UG/L
			LB	5697BLK	Hexachlorobutadiene	1/29/2009	10	2.5	U	UG/L
			LB	5697BLK	Hexachlorocyclopentadiene	1/29/2009	10	2.2	U	UG/L
			LB	5697BLK	Hexachloroethane	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Indeno(1,2,3-cd)pyrene	1/29/2009	10	2.6	U	UG/L
			LB	5697BLK	Naphthalene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Nitrobenzene	1/29/2009	20	2.8	U	UG/L
			LB	5697BLK	N-Nitroso-di-n-propylamine	1/29/2009	20	3	U	UG/L
			LB	5697BLK	N-Nitrosodiphenylamine	1/29/2009	10	3.4	U	UG/L
			LB	5697BLK	Pentachlorophenol	1/29/2009	60	2.6	U	UG/L
			LB	5697BLK	Phenanthrene	1/29/2009	10	2.8	U	UG/L
			LB	5697BLK	Phenol	1/29/2009	10	1.7	U	UG/L
			LB	5697BLK	Pyrene	1/29/2009	10	2.9	U	UG/L
	SW8310		EB	ST106-EB-26012009	1-Methylnaphthalene	1/27/2009	1.2	0.04	U	UG/L
			EB	ST106-EB-26012009	2-Methylnaphthalene	1/27/2009	1.2	0.082	U	UG/L
			EB	ST106-EB-26012009	Acenaphthene	1/27/2009	1.2	0.04	U	UG/L
			EB	ST106-EB-26012009	Acenaphthylene	1/27/2009	1.2	0.034	U	UG/L
			EB	ST106-EB-26012009	Anthracene	1/27/2009	0.36	0.014	U	UG/L
			EB	ST106-EB-26012009	Benzo(a)anthracene	1/27/2009	0.056	0.036	J	UG/L
			EB	ST106-EB-26012009	Benzo(a)pyrene	1/27/2009	0.24	0.04	U	UG/L
			EB	ST106-EB-26012009	Benzo(b)fluoranthene	1/27/2009	0.24	0.038	U	UG/L
			EB	ST106-EB-26012009	Benzo(g,h,i)perylene	1/27/2009	0.24	0.035	U	UG/L
			EB	ST106-EB-26012009	Benzo(k)fluoranthene	1/27/2009	0.18	0.089	U	UG/L
			EB	ST106-EB-26012009	Chrysene	1/27/2009	0.24	0.1	U	UG/L
			EB	ST106-EB-26012009	Dibenz(a,h)anthracene	1/27/2009	0.36	0.043	U	UG/L
			EB	ST106-EB-26012009	Fluoranthene	1/27/2009	0.48	0.042	U	UG/L
			EB	ST106-EB-26012009	Fluorene	1/27/2009	0.045	0.023	J	UG/L
			EB	ST106-EB-26012009	Indeno(1,2,3-cd)pyrene	1/27/2009	0.24	0.024	U	UG/L
			EB	ST106-EB-26012009	Naphthalene	1/27/2009	1.2	0.051	U	UG/L
			EB	ST106-EB-26012009	Phenanthrene	1/27/2009	0.36	0.047	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511628										
	SW8310	WATER	EB	ST106-EB-26012009	Pyrene	1/27/2009	0.24	0.046	U	UG/L
			LB	693MB	1-Methylnaphthalene	1/27/2009	1	0.033	U	UG/L
			LB	693MB	2-Methylnaphthalene	1/27/2009	1	0.068	U	UG/L
			LB	693MB	Acenaphthene	1/27/2009	1	0.033	U	UG/L
			LB	693MB	Acenaphthylene	1/27/2009	1	0.028	U	UG/L
			LB	693MB	Anthracene	1/27/2009	0.3	0.012	U	UG/L
			LB	693MB	Benzo(a)anthracene	1/27/2009	0.2	0.03	U	UG/L
			LB	693MB	Benzo(a)pyrene	1/27/2009	0.2	0.033	U	UG/L
			LB	693MB	Benzo(b)fluoranthene	1/27/2009	0.2	0.032	U	UG/L
			LB	693MB	Benzo(g,h,i)perylene	1/27/2009	0.2	0.029	U	UG/L
			LB	693MB	Benzo(k)fluoranthene	1/27/2009	0.15	0.074	U	UG/L
			LB	693MB	Chrysene	1/27/2009	0.2	0.087	U	UG/L
			LB	693MB	Dibenz(a,h)anthracene	1/27/2009	0.3	0.036	U	UG/L
			LB	693MB	Fluoranthene	1/27/2009	0.4	0.035	U	UG/L
			LB	693MB	Fluorene	1/27/2009	0.3	0.019	U	UG/L
			LB	693MB	Indeno(1,2,3-cd)pyrene	1/27/2009	0.2	0.02	U	UG/L
			LB	693MB	Naphthalene	1/27/2009	1	0.042	U	UG/L
			LB	693MB	Phenanthrene	1/27/2009	0.3	0.039	U	UG/L
			LB	693MB	Pyrene	1/27/2009	0.2	0.038	U	UG/L
2511632										
	E300	WATER	LB	690580MB	Nitrate	1/28/2009	10	0.015	U	MG/L
			LB	690580MB	Sulfate	1/28/2009	1	0.074	U	MG/L
	SW6010B		LB	277795BLK	Iron, dissolved	2/3/2009	0.0104	0.006	J	MG/L
			LB	277795BLK	Manganese, dissolved	2/3/2009	0.01	0.0004	U	MG/L
	SW8011		LB	703BLK	1,2-Dibromo-3-chloropropane	1/29/2009	0.0199	0.008	U	UG/L
			LB	703BLK	1,2-Dibromoethane(EDB)	1/29/2009	0.0199	0.01	U	UG/L
	SW8015-E		LB	5712BLK	TPH C10-C28	1/30/2009	250	100	U	UG/L
	SW8015-P		LB	0128BLK1	TPH C6-C10	1/28/2009	64	32	U	UG/L
			TB	ST106-TB-27012009A	TPH C6-C10	1/28/2009	64	32	U	UG/L
	SW8260B		LB	020509BLKA32	1,1,1,2-Tetrachloroethane	2/5/2009	1	0.25	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511632										
	SW8260B	WATER	LB	020509BLKA32	1,1,1-Trichloroethane	2/5/2009	1	0.16	U	UG/L
			LB	020509BLKA32	1,1,2,2-Tetrachloroethane	2/5/2009	1	0.26	U	UG/L
			LB	020509BLKA32	1,1,2-Trichloroethane	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	1,1-Dichloroethane	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	1,1-Dichloroethene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	1,1-Dichloropropene	2/5/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,2,3-Trichlorobenzene	2/5/2009	1.2	0.61	U	UG/L
			LB	020509BLKA32	1,2,3-Trichloropropane	2/5/2009	1.5	0.76	U	UG/L
			LB	020509BLKA32	1,2,4-Trichlorobenzene	2/5/2009	1	0.5	U	UG/L
			LB	020509BLKA32	1,2,4-Trimethylbenzene	2/5/2009	1	0.17	U	UG/L
			LB	020509BLKA32	1,2-Dibromo-3-chloropropane	2/5/2009	5	1.4	U	UG/L
			LB	020509BLKA32	1,2-Dibromoethane(EDB)	2/5/2009	1	0.33	U	UG/L
			LB	020509BLKA32	1,2-Dichlorobenzene	2/5/2009	1	0.26	U	UG/L
			LB	020509BLKA32	1,2-Dichloroethane	2/5/2009	1	0.4	U	UG/L
			LB	020509BLKA32	1,2-Dichloropropane	2/5/2009	1	0.27	U	UG/L
			LB	020509BLKA32	1,3,5-Trimethylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	1,3-Dichlorobenzene	2/5/2009	1	0.14	U	UG/L
			LB	020509BLKA32	1,3-Dichloropropane	2/5/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,4-Dichlorobenzene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	2,2-Dichloropropane	2/5/2009	5	0.32	U	UG/L
			LB	020509BLKA32	2-Butanone	2/5/2009	6	1	U	UG/L
			LB	020509BLKA32	2-Chlorotoluene	2/5/2009	1	0.32	U	UG/L
			LB	020509BLKA32	2-Hexanone	2/5/2009	5	0.8	U	UG/L
			LB	020509BLKA32	4-Chlorotoluene	2/5/2009	1	0.12	U	UG/L
			LB	020509BLKA32	4-Isopropyltoluene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	4-Methyl-2-pentanone	2/5/2009	5	0.61	U	UG/L
			LB	020509BLKA32	Acetone	2/5/2009	10	3.6	U	UG/L
			LB	020509BLKA32	Benzene	2/5/2009	1	0.16	U	UG/L
			LB	020509BLKA32	Bromobenzene	2/5/2009	1	0.27	U	UG/L
			LB	020509BLKA32	Bromochloromethane	2/5/2009	1	0.38	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511632										
	SW8260B	WATER	LB	020509BLKA32	Bromodichloromethane	2/5/2009	1	0.15	U	UG/L
			LB	020509BLKA32	Bromoform	2/5/2009	1	0.35	U	UG/L
			LB	020509BLKA32	Bromomethane	2/5/2009	2	0.76	U	UG/L
			LB	020509BLKA32	Carbon disulfide	2/5/2009	2	0.29	U	UG/L
			LB	020509BLKA32	Carbon tetrachloride	2/5/2009	1	0.33	U	UG/L
			LB	020509BLKA32	Chlorobenzene	2/5/2009	1	0.18	U	UG/L
			LB	020509BLKA32	Chloroethane	2/5/2009	2	0.99	U	UG/L
			LB	020509BLKA32	Chloroform	2/5/2009	1	0.29	U	UG/L
			LB	020509BLKA32	Chloromethane	2/5/2009	2	0.68	U	UG/L
			LB	020509BLKA32	cis-1,2-Dichloroethene	2/5/2009	1	0.29	U	UG/L
			LB	020509BLKA32	cis-1,3-Dichloropropene	2/5/2009	1	0.23	U	UG/L
			LB	020509BLKA32	Dibromochloromethane	2/5/2009	1	0.34	U	UG/L
			LB	020509BLKA32	Dibromomethane	2/5/2009	1.1	0.53	U	UG/L
			LB	020509BLKA32	Dichlorodifluoromethane	2/5/2009	2	0.19	U	UG/L
			LB	020509BLKA32	Ethylbenzene	2/5/2009	1	0.43	U	UG/L
			LB	020509BLKA32	Hexachlorobutadiene	2/5/2009	1	0.4	U	UG/L
			LB	020509BLKA32	Isopropylbenzene (Cumene)	2/5/2009	1	0.41	U	UG/L
			LB	020509BLKA32	Methylene chloride	2/5/2009	5	0.52	U	UG/L
			LB	020509BLKA32	MTBE	2/5/2009	5	0.26	U	UG/L
			LB	020509BLKA32	Naphthalene	2/5/2009	1	0.32	U	UG/L
			LB	020509BLKA32	n-Butylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	n-Propylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	o-Xylene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	p,m-Xylene	2/5/2009	2	0.27	U	UG/L
			LB	020509BLKA32	sec-Butylbenzene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	Styrene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	tert-Butylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	Tetrachloroethene	2/5/2009	1	0.35	U	UG/L
			LB	020509BLKA32	Toluene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	trans-1,2-Dichloroethene	2/5/2009	1	0.23	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511632										
	SW8260B	WATER	LB	020509BLKA32	trans-1,3-Dichloropropene	2/5/2009	1	0.15	U	UG/L
			LB	020509BLKA32	Trichloroethene	2/5/2009	1	0.42	U	UG/L
			LB	020509BLKA32	Trichlorofluoromethane	2/5/2009	2	0.25	U	UG/L
			LB	020509BLKA32	Vinyl chloride	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	Xylene (total)	2/5/2009	3	0.27	U	UG/L
			TB	ST106-TB-27012009A	1,1,1,2-Tetrachloroethane	2/5/2009	1	0.25	U	UG/L
			TB	ST106-TB-27012009A	1,1,1-Trichloroethane	2/5/2009	1	0.16	U	UG/L
			TB	ST106-TB-27012009A	1,1,2,2-Tetrachloroethane	2/5/2009	1	0.26	U	UG/L
			TB	ST106-TB-27012009A	1,1,2-Trichloroethane	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-27012009A	1,1-Dichloroethane	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-27012009A	1,1-Dichloroethene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-27012009A	1,1-Dichloropropene	2/5/2009	1	0.19	U	UG/L
			TB	ST106-TB-27012009A	1,2,3-Trichlorobenzene	2/5/2009	1.2	0.61	U	UG/L
			TB	ST106-TB-27012009A	1,2,3-Trichloropropane	2/5/2009	1.5	0.76	U	UG/L
			TB	ST106-TB-27012009A	1,2,4-Trichlorobenzene	2/5/2009	1	0.5	U	UG/L
			TB	ST106-TB-27012009A	1,2,4-Trimethylbenzene	2/5/2009	1	0.17	U	UG/L
			TB	ST106-TB-27012009A	1,2-Dibromo-3-chloropropane	2/5/2009	5	1.4	U	UG/L
			TB	ST106-TB-27012009A	1,2-Dibromoethane(EDB)	2/5/2009	1	0.33	U	UG/L
			TB	ST106-TB-27012009A	1,2-Dichlorobenzene	2/5/2009	1	0.26	U	UG/L
			TB	ST106-TB-27012009A	1,2-Dichloroethane	2/5/2009	1	0.4	U	UG/L
			TB	ST106-TB-27012009A	1,2-Dichloropropane	2/5/2009	1	0.27	U	UG/L
			TB	ST106-TB-27012009A	1,3,5-Trimethylbenzene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-27012009A	1,3-Dichlorobenzene	2/5/2009	1	0.14	U	UG/L
			TB	ST106-TB-27012009A	1,3-Dichloropropane	2/5/2009	1	0.19	U	UG/L
			TB	ST106-TB-27012009A	1,4-Dichlorobenzene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-27012009A	2,2-Dichloropropane	2/5/2009	5	0.32	U	UG/L
			TB	ST106-TB-27012009A	2-Butanone	2/5/2009	6	1	U	UG/L
			TB	ST106-TB-27012009A	2-Chlorotoluene	2/5/2009	1	0.32	U	UG/L
			TB	ST106-TB-27012009A	2-Hexanone	2/5/2009	5	0.8	U	UG/L
			TB	ST106-TB-27012009A	4-Chlorotoluene	2/5/2009	1	0.12	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511632										
	SW8260B	WATER	TB	ST106-TB-27012009A	4-Isopropyltoluene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-27012009A	4-Methyl-2-pentanone	2/5/2009	5	0.61	U	UG/L
			TB	ST106-TB-27012009A	Acetone	2/5/2009	10	3.6	U	UG/L
			TB	ST106-TB-27012009A	Benzene	2/5/2009	1	0.16	U	UG/L
			TB	ST106-TB-27012009A	Bromobenzene	2/5/2009	1	0.27	U	UG/L
			TB	ST106-TB-27012009A	Bromochloromethane	2/5/2009	1	0.38	U	UG/L
			TB	ST106-TB-27012009A	Bromodichloromethane	2/5/2009	1	0.15	U	UG/L
			TB	ST106-TB-27012009A	Bromoform	2/5/2009	1	0.35	U	UG/L
			TB	ST106-TB-27012009A	Bromomethane	2/5/2009	2	0.76	U	UG/L
			TB	ST106-TB-27012009A	Carbon disulfide	2/5/2009	2	0.29	U	UG/L
			TB	ST106-TB-27012009A	Carbon tetrachloride	2/5/2009	1	0.33	U	UG/L
			TB	ST106-TB-27012009A	Chlorobenzene	2/5/2009	1	0.18	U	UG/L
			TB	ST106-TB-27012009A	Chloroethane	2/5/2009	2	0.99	U	UG/L
			TB	ST106-TB-27012009A	Chloroform	2/5/2009	1	0.29	U	UG/L
			TB	ST106-TB-27012009A	Chloromethane	2/5/2009	2	0.68	U	UG/L
			TB	ST106-TB-27012009A	cis-1,2-Dichloroethene	2/5/2009	1	0.29	U	UG/L
			TB	ST106-TB-27012009A	cis-1,3-Dichloropropene	2/5/2009	1	0.23	U	UG/L
			TB	ST106-TB-27012009A	Dibromochloromethane	2/5/2009	1	0.34	U	UG/L
			TB	ST106-TB-27012009A	Dibromomethane	2/5/2009	1.1	0.53	U	UG/L
			TB	ST106-TB-27012009A	Dichlorodifluoromethane	2/5/2009	2	0.19	U	UG/L
			TB	ST106-TB-27012009A	Ethylbenzene	2/5/2009	1	0.43	U	UG/L
			TB	ST106-TB-27012009A	Hexachlorobutadiene	2/5/2009	1	0.4	U	UG/L
			TB	ST106-TB-27012009A	Isopropylbenzene (Cumene)	2/5/2009	1	0.41	U	UG/L
			TB	ST106-TB-27012009A	Methylene chloride	2/5/2009	5	0.52	U	UG/L
			TB	ST106-TB-27012009A	MTBE	2/5/2009	5	0.26	U	UG/L
			TB	ST106-TB-27012009A	Naphthalene	2/5/2009	1	0.32	U	UG/L
			TB	ST106-TB-27012009A	n-Butylbenzene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-27012009A	n-Propylbenzene	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-27012009A	o-Xylene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-27012009A	p,m-Xylene	2/5/2009	2	0.27	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511632										
	SW8260B	WATER	TB	ST106-TB-27012009A	sec-Butylbenzene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-27012009A	Styrene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-27012009A	tert-Butylbenzene	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-27012009A	Tetrachloroethene	2/5/2009	1	0.35	U	UG/L
			TB	ST106-TB-27012009A	Toluene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-27012009A	trans-1,2-Dichloroethene	2/5/2009	1	0.23	U	UG/L
			TB	ST106-TB-27012009A	trans-1,3-Dichloropropene	2/5/2009	1	0.15	U	UG/L
			TB	ST106-TB-27012009A	Trichloroethene	2/5/2009	1	0.42	U	UG/L
			TB	ST106-TB-27012009A	Trichlorofluoromethane	2/5/2009	2	0.25	U	UG/L
			TB	ST106-TB-27012009A	Vinyl chloride	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-27012009A	Xylene (total)	2/5/2009	3	0.27	U	UG/L
	SW8270C		LB	5719BLK	1,2-Dichlorobenzene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	1,3-Dinitrobenzene	2/2/2009	10	2.5	U	UG/L
			LB	5719BLK	2,4,5-Trichlorophenol	2/2/2009	20	3.4	U	UG/L
			LB	5719BLK	2,4,6-Trichlorophenol	2/2/2009	20	3.6	U	UG/L
			LB	5719BLK	2,4-Dimethylphenol	2/2/2009	10	2.3	U	UG/L
			LB	5719BLK	2,4-Dinitrophenol	2/2/2009	60	5.6	U	UG/L
			LB	5719BLK	2,4-Dinitrotoluene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	2,6-Dinitrotoluene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	2-Chloronaphthalene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	2-Chlorophenol	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	2-Methyl-4,6-dinitrophenol	2/2/2009	60	3.3	U	UG/L
			LB	5719BLK	2-Methylnaphthalene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	2-Methylphenol (o-Cresol)	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	2-Nitroaniline	2/2/2009	50	3	U	UG/L
			LB	5719BLK	2-Nitrophenol	2/2/2009	20	3.4	U	UG/L
			LB	5719BLK	3,3'-Dichlorobenzidine	2/2/2009	20	2.7	U	UG/L
			LB	5719BLK	3-Nitroaniline	2/2/2009	50	2.8	U	UG/L
			LB	5719BLK	4-Bromophenyl-phenylether	2/2/2009	10	2.3	U	UG/L
			LB	5719BLK	4-Chloro-3-methylphenol	2/2/2009	20	2.7	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511632										
	SW8270C	WATER	LB	5719BLK	4-Chloroaniline	2/2/2009	20	3	U	UG/L
			LB	5719BLK	4-Chlorophenyl-phenylether	2/2/2009	10	2.5	U	UG/L
			LB	5719BLK	4-Methylphenol	2/2/2009	20	6.1	U	UG/L
			LB	5719BLK	4-Nitroaniline	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	4-Nitrophenol	2/2/2009	50	2.9	U	UG/L
			LB	5719BLK	Acenaphthene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Acenaphthylene	2/2/2009	10	3	U	UG/L
			LB	5719BLK	Anthracene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Benzidine	2/2/2009	150	20	U	UG/L
			LB	5719BLK	Benzo(a)anthracene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Benzo(a)pyrene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Benzo(b)fluoranthene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Benzo(g,h,i)perylene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Benzo(k)fluoranthene	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	Benzoic acid	2/2/2009	60	14	U	UG/L
			LB	5719BLK	Bis(2-Chloroethoxy)methane	2/2/2009	10	3.5	U	UG/L
			LB	5719BLK	Bis(2-Chloroethyl)ether	2/2/2009	10	3	U	UG/L
			LB	5719BLK	bis(2-ethylhexyl)phthalate	2/2/2009	10	4.4	U	UG/L
			LB	5719BLK	Butylbenzylphthalate	2/2/2009	20	3	U	UG/L
			LB	5719BLK	Chrysene	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	Dibenz(a,h)anthracene	2/2/2009	10	2.7	U	UG/L
			LB	5719BLK	Dibenzofuran	2/2/2009	10	2.7	U	UG/L
			LB	5719BLK	Diethylphthalate	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Dimethyl-phthalate	2/2/2009	10	3	U	UG/L
			LB	5719BLK	Di-n-butylphthalate	2/2/2009	20	2.9	U	UG/L
			LB	5719BLK	Di-n-octylphthalate	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	Fluoranthene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	Fluorene	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	Hexachlorobenzene	2/2/2009	10	0.41	U	UG/L
			LB	5719BLK	Hexachlorobutadiene	2/2/2009	10	2.5	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511632										
	SW8270C	WATER	LB	5719BLK	Hexachlorocyclopentadiene	2/2/2009	10	2.2	U	UG/L
			LB	5719BLK	Hexachloroethane	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Indeno(1,2,3-cd)pyrene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Naphthalene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Nitrobenzene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	N-Nitroso-di-n-propylamine	2/2/2009	20	3	U	UG/L
			LB	5719BLK	N-Nitrosodiphenylamine	2/2/2009	10	3.4	U	UG/L
			LB	5719BLK	Pentachlorophenol	2/2/2009	60	2.6	U	UG/L
			LB	5719BLK	Phenanthrene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Phenol	2/2/2009	10	1.7	U	UG/L
			LB	5719BLK	Pyrene	2/2/2009	10	2.9	U	UG/L
	SW8310		LB	709MB	1-Methylnaphthalene	1/29/2009	1	0.033	U	UG/L
			LB	709MB	2-Methylnaphthalene	1/29/2009	1	0.068	U	UG/L
			LB	709MB	Acenaphthene	1/29/2009	1	0.033	U	UG/L
			LB	709MB	Acenaphthylene	1/29/2009	1	0.028	U	UG/L
			LB	709MB	Anthracene	1/29/2009	0.3	0.012	U	UG/L
			LB	709MB	Benzo(a)anthracene	1/29/2009	0.2	0.03	U	UG/L
			LB	709MB	Benzo(a)pyrene	1/29/2009	0.2	0.033	U	UG/L
			LB	709MB	Benzo(b)fluoranthene	1/29/2009	0.2	0.032	U	UG/L
			LB	709MB	Benzo(g,h,i)perylene	1/29/2009	0.2	0.029	U	UG/L
			LB	709MB	Benzo(k)fluoranthene	1/29/2009	0.15	0.074	U	UG/L
			LB	709MB	Chrysene	1/29/2009	0.2	0.087	U	UG/L
			LB	709MB	Dibenz(a,h)anthracene	1/29/2009	0.3	0.036	U	UG/L
			LB	709MB	Fluoranthene	1/29/2009	0.4	0.035	U	UG/L
			LB	709MB	Fluorene	1/29/2009	0.3	0.019	U	UG/L
			LB	709MB	Indeno(1,2,3-cd)pyrene	1/29/2009	0.2	0.02	U	UG/L
			LB	709MB	Naphthalene	1/29/2009	1	0.042	U	UG/L
			LB	709MB	Phenanthrene	1/29/2009	0.3	0.039	U	UG/L
			LB	709MB	Pyrene	1/29/2009	0.2	0.038	U	UG/L
2511633										

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511633										
	E300	WATER	LB	690580MB	Nitrate	1/28/2009	10	0.015	U	MG/L
			LB	690580MB	Sulfate	1/28/2009	1	0.074	U	MG/L
	SW6010B		LB	277795BLK	Iron, dissolved	2/3/2009	10.4	5.5	J	UG/L
			LB	277795BLK	Manganese, dissolved	2/3/2009	10	0.35	U	UG/L
	SW8011		LB	703BLK	1,2-Dibromo-3-chloropropane	1/29/2009	0.0199	0.008	U	UG/L
			LB	703BLK	1,2-Dibromoethane(EDB)	1/29/2009	0.0199	0.01	U	UG/L
	SW8015-E		LB	5712BLK	TPH C10-C28	1/30/2009	250	100	U	UG/L
	SW8015-P		LB	0129BLK1	TPH C6-C10	1/29/2009	64	32	U	UG/L
			TB	ST106-TB-27012009C	TPH C6-C10	1/29/2009	64	32	U	UG/L
	SW8260B		LB	020509BLKA32	1,1,1,2-Tetrachloroethane	2/5/2009	1	0.25	U	UG/L
			LB	020509BLKA32	1,1,1-Trichloroethane	2/5/2009	1	0.16	U	UG/L
			LB	020509BLKA32	1,1,2,2-Tetrachloroethane	2/5/2009	1	0.26	U	UG/L
			LB	020509BLKA32	1,1,2-Trichloroethane	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	1,1-Dichloroethane	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	1,1-Dichloroethene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	1,1-Dichloropropene	2/5/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,2,3-Trichlorobenzene	2/5/2009	1.2	0.61	U	UG/L
			LB	020509BLKA32	1,2,3-Trichloropropane	2/5/2009	1.5	0.76	U	UG/L
			LB	020509BLKA32	1,2,4-Trichlorobenzene	2/5/2009	1	0.5	U	UG/L
			LB	020509BLKA32	1,2,4-Trimethylbenzene	2/5/2009	1	0.17	U	UG/L
			LB	020509BLKA32	1,2-Dibromo-3-chloropropane	2/5/2009	5	1.4	U	UG/L
			LB	020509BLKA32	1,2-Dibromoethane(EDB)	2/5/2009	1	0.33	U	UG/L
			LB	020509BLKA32	1,2-Dichlorobenzene	2/5/2009	1	0.26	U	UG/L
			LB	020509BLKA32	1,2-Dichloroethane	2/5/2009	1	0.4	U	UG/L
			LB	020509BLKA32	1,2-Dichloropropane	2/5/2009	1	0.27	U	UG/L
			LB	020509BLKA32	1,3,5-Trimethylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	1,3-Dichlorobenzene	2/5/2009	1	0.14	U	UG/L
			LB	020509BLKA32	1,3-Dichloropropane	2/5/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,4-Dichlorobenzene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	2,2-Dichloropropane	2/5/2009	5	0.32	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511633										
	SW8260B	WATER	LB	020509BLKA32	2-Butanone	2/5/2009	6	1	U	UG/L
			LB	020509BLKA32	2-Chlorotoluene	2/5/2009	1	0.32	U	UG/L
			LB	020509BLKA32	2-Hexanone	2/5/2009	5	0.8	U	UG/L
			LB	020509BLKA32	4-Chlorotoluene	2/5/2009	1	0.12	U	UG/L
			LB	020509BLKA32	4-Isopropyltoluene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	4-Methyl-2-pentanone	2/5/2009	5	0.61	U	UG/L
			LB	020509BLKA32	Acetone	2/5/2009	10	3.6	U	UG/L
			LB	020509BLKA32	Benzene	2/5/2009	1	0.16	U	UG/L
			LB	020509BLKA32	Bromobenzene	2/5/2009	1	0.27	U	UG/L
			LB	020509BLKA32	Bromochloromethane	2/5/2009	1	0.38	U	UG/L
			LB	020509BLKA32	Bromodichloromethane	2/5/2009	1	0.15	U	UG/L
			LB	020509BLKA32	Bromoform	2/5/2009	1	0.35	U	UG/L
			LB	020509BLKA32	Bromomethane	2/5/2009	2	0.76	U	UG/L
			LB	020509BLKA32	Carbon disulfide	2/5/2009	2	0.29	U	UG/L
			LB	020509BLKA32	Carbon tetrachloride	2/5/2009	1	0.33	U	UG/L
			LB	020509BLKA32	Chlorobenzene	2/5/2009	1	0.18	U	UG/L
			LB	020509BLKA32	Chloroethane	2/5/2009	2	0.99	U	UG/L
			LB	020509BLKA32	Chloroform	2/5/2009	1	0.29	U	UG/L
			LB	020509BLKA32	Chloromethane	2/5/2009	2	0.68	U	UG/L
			LB	020509BLKA32	cis-1,2-Dichloroethene	2/5/2009	1	0.29	U	UG/L
			LB	020509BLKA32	cis-1,3-Dichloropropene	2/5/2009	1	0.23	U	UG/L
			LB	020509BLKA32	Dibromochloromethane	2/5/2009	1	0.34	U	UG/L
			LB	020509BLKA32	Dibromomethane	2/5/2009	1.1	0.53	U	UG/L
			LB	020509BLKA32	Dichlorodifluoromethane	2/5/2009	2	0.19	U	UG/L
			LB	020509BLKA32	Ethylbenzene	2/5/2009	1	0.43	U	UG/L
			LB	020509BLKA32	Hexachlorobutadiene	2/5/2009	1	0.4	U	UG/L
			LB	020509BLKA32	Isopropylbenzene (Cumene)	2/5/2009	1	0.41	U	UG/L
			LB	020509BLKA32	Methylene chloride	2/5/2009	5	0.52	U	UG/L
			LB	020509BLKA32	MTBE	2/5/2009	5	0.26	U	UG/L
			LB	020509BLKA32	Naphthalene	2/5/2009	1	0.32	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511633										
	SW8260B	WATER	LB	020509BLKA32	n-Butylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	n-Propylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	o-Xylene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	p,m-Xylene	2/5/2009	2	0.27	U	UG/L
			LB	020509BLKA32	sec-Butylbenzene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	Styrene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	tert-Butylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	Tetrachloroethene	2/5/2009	1	0.35	U	UG/L
			LB	020509BLKA32	Toluene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	trans-1,2-Dichloroethene	2/5/2009	1	0.23	U	UG/L
			LB	020509BLKA32	trans-1,3-Dichloropropene	2/5/2009	1	0.15	U	UG/L
			LB	020509BLKA32	Trichloroethene	2/5/2009	1	0.42	U	UG/L
			LB	020509BLKA32	Trichlorofluoromethane	2/5/2009	2	0.25	U	UG/L
			LB	020509BLKA32	Vinyl chloride	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	Xylene (total)	2/5/2009	2	0.27	U	UG/L
			TB	ST106-TB-27012009C	1,1,1,2-Tetrachloroethane	2/5/2009	1	0.25	U	UG/L
			TB	ST106-TB-27012009C	1,1,1-Trichloroethane	2/5/2009	1	0.16	U	UG/L
			TB	ST106-TB-27012009C	1,1,2,2-Tetrachloroethane	2/5/2009	1	0.26	U	UG/L
			TB	ST106-TB-27012009C	1,1,2-Trichloroethane	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-27012009C	1,1-Dichloroethane	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-27012009C	1,1-Dichloroethene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-27012009C	1,1-Dichloropropene	2/5/2009	1	0.19	U	UG/L
			TB	ST106-TB-27012009C	1,2,3-Trichlorobenzene	2/5/2009	1.2	0.61	U	UG/L
			TB	ST106-TB-27012009C	1,2,3-Trichloropropane	2/5/2009	1.5	0.76	U	UG/L
			TB	ST106-TB-27012009C	1,2,4-Trichlorobenzene	2/5/2009	1	0.5	U	UG/L
			TB	ST106-TB-27012009C	1,2,4-Trimethylbenzene	2/5/2009	1	0.17	U	UG/L
			TB	ST106-TB-27012009C	1,2-Dibromo-3-chloropropane	2/5/2009	5	1.4	U	UG/L
			TB	ST106-TB-27012009C	1,2-Dibromoethane(EDB)	2/5/2009	1	0.33	U	UG/L
			TB	ST106-TB-27012009C	1,2-Dichlorobenzene	2/5/2009	1	0.26	U	UG/L
			TB	ST106-TB-27012009C	1,2-Dichloroethane	2/5/2009	1	0.4	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511633										
	SW8260B	WATER	TB	ST106-TB-27012009C	1,2-Dichloropropane	2/5/2009	1	0.27	U	UG/L
			TB	ST106-TB-27012009C	1,3,5-Trimethylbenzene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-27012009C	1,3-Dichlorobenzene	2/5/2009	1	0.14	U	UG/L
			TB	ST106-TB-27012009C	1,3-Dichloropropane	2/5/2009	1	0.19	U	UG/L
			TB	ST106-TB-27012009C	1,4-Dichlorobenzene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-27012009C	2,2-Dichloropropane	2/5/2009	5	0.32	U	UG/L
			TB	ST106-TB-27012009C	2-Butanone	2/5/2009	6	1	U	UG/L
			TB	ST106-TB-27012009C	2-Chlorotoluene	2/5/2009	1	0.32	U	UG/L
			TB	ST106-TB-27012009C	2-Hexanone	2/5/2009	5	0.8	U	UG/L
			TB	ST106-TB-27012009C	4-Chlorotoluene	2/5/2009	1	0.12	U	UG/L
			TB	ST106-TB-27012009C	4-Isopropyltoluene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-27012009C	4-Methyl-2-pentanone	2/5/2009	5	0.61	U	UG/L
			TB	ST106-TB-27012009C	Acetone	2/5/2009	10	3.6	U	UG/L
			TB	ST106-TB-27012009C	Benzene	2/5/2009	1	0.16	U	UG/L
			TB	ST106-TB-27012009C	Bromobenzene	2/5/2009	1	0.27	U	UG/L
			TB	ST106-TB-27012009C	Bromochloromethane	2/5/2009	1	0.38	U	UG/L
			TB	ST106-TB-27012009C	Bromodichloromethane	2/5/2009	1	0.15	U	UG/L
			TB	ST106-TB-27012009C	Bromoform	2/5/2009	1	0.35	U	UG/L
			TB	ST106-TB-27012009C	Bromomethane	2/5/2009	2	0.76	U	UG/L
			TB	ST106-TB-27012009C	Carbon disulfide	2/5/2009	2	0.29	U	UG/L
			TB	ST106-TB-27012009C	Carbon tetrachloride	2/5/2009	1	0.33	U	UG/L
			TB	ST106-TB-27012009C	Chlorobenzene	2/5/2009	1	0.18	U	UG/L
			TB	ST106-TB-27012009C	Chloroethane	2/5/2009	2	0.99	U	UG/L
			TB	ST106-TB-27012009C	Chloroform	2/5/2009	1	0.29	U	UG/L
			TB	ST106-TB-27012009C	Chloromethane	2/5/2009	2	0.68	U	UG/L
			TB	ST106-TB-27012009C	cis-1,2-Dichloroethene	2/5/2009	1	0.29	U	UG/L
			TB	ST106-TB-27012009C	cis-1,3-Dichloropropene	2/5/2009	1	0.23	U	UG/L
			TB	ST106-TB-27012009C	Dibromochloromethane	2/5/2009	1	0.34	U	UG/L
			TB	ST106-TB-27012009C	Dibromomethane	2/5/2009	1.1	0.53	U	UG/L
			TB	ST106-TB-27012009C	Dichlorodifluoromethane	2/5/2009	2	0.19	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511633										
	SW8260B	WATER	TB	ST106-TB-27012009C	Ethylbenzene	2/5/2009	1	0.43	U	UG/L
			TB	ST106-TB-27012009C	Hexachlorobutadiene	2/5/2009	1	0.4	U	UG/L
			TB	ST106-TB-27012009C	Isopropylbenzene (Cumene)	2/5/2009	1	0.41	U	UG/L
			TB	ST106-TB-27012009C	Methylene chloride	2/5/2009	5	0.52	U	UG/L
			TB	ST106-TB-27012009C	MTBE	2/5/2009	5	0.26	U	UG/L
			TB	ST106-TB-27012009C	Naphthalene	2/5/2009	1	0.32	U	UG/L
			TB	ST106-TB-27012009C	n-Butylbenzene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-27012009C	n-Propylbenzene	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-27012009C	o-Xylene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-27012009C	p,m-Xylene	2/5/2009	2	0.27	U	UG/L
			TB	ST106-TB-27012009C	sec-Butylbenzene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-27012009C	Styrene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-27012009C	tert-Butylbenzene	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-27012009C	Tetrachloroethene	2/5/2009	1	0.35	U	UG/L
			TB	ST106-TB-27012009C	Toluene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-27012009C	trans-1,2-Dichloroethene	2/5/2009	1	0.23	U	UG/L
			TB	ST106-TB-27012009C	trans-1,3-Dichloropropene	2/5/2009	1	0.15	U	UG/L
			TB	ST106-TB-27012009C	Trichloroethene	2/5/2009	1	0.42	U	UG/L
			TB	ST106-TB-27012009C	Trichlorofluoromethane	2/5/2009	2	0.25	U	UG/L
			TB	ST106-TB-27012009C	Vinyl chloride	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-27012009C	Xylene (total)	2/5/2009	2	0.27	U	UG/L
	SW8270C		LB	5719BLK	1,2-Dichlorobenzene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	1,3-Dinitrobenzene	2/2/2009	10	2.5	U	UG/L
			LB	5719BLK	2,4,5-Trichlorophenol	2/2/2009	20	3.4	U	UG/L
			LB	5719BLK	2,4,6-Trichlorophenol	2/2/2009	20	3.6	U	UG/L
			LB	5719BLK	2,4-Dimethylphenol	2/2/2009	10	2.3	U	UG/L
			LB	5719BLK	2,4-Dinitrophenol	2/2/2009	60	5.6	U	UG/L
			LB	5719BLK	2,4-Dinitrotoluene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	2,6-Dinitrotoluene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	2-Chloronaphthalene	2/2/2009	10	2.8	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511633										
	SW8270C	WATER	LB	5719BLK	2-Chlorophenol	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	2-Methyl-4,6-dinitrophenol	2/2/2009	60	3.3	U	UG/L
			LB	5719BLK	2-Methylnaphthalene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	2-Methylphenol (o-Cresol)	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	2-Nitroaniline	2/2/2009	50	3	U	UG/L
			LB	5719BLK	2-Nitrophenol	2/2/2009	20	3.4	U	UG/L
			LB	5719BLK	3,3'-Dichlorobenzidine	2/2/2009	20	2.7	U	UG/L
			LB	5719BLK	3-Nitroaniline	2/2/2009	50	2.8	U	UG/L
			LB	5719BLK	4-Bromophenyl-phenylether	2/2/2009	10	2.3	U	UG/L
			LB	5719BLK	4-Chloro-3-methylphenol	2/2/2009	20	2.7	U	UG/L
			LB	5719BLK	4-Chloroaniline	2/2/2009	20	3	U	UG/L
			LB	5719BLK	4-Chlorophenyl-phenylether	2/2/2009	10	2.5	U	UG/L
			LB	5719BLK	4-Methylphenol	2/2/2009	20	6.1	U	UG/L
			LB	5719BLK	4-Nitroaniline	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	4-Nitrophenol	2/2/2009	50	2.9	U	UG/L
			LB	5719BLK	Acenaphthene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Acenaphthylene	2/2/2009	10	3	U	UG/L
			LB	5719BLK	Anthracene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Benzidine	2/2/2009	150	20	U	UG/L
			LB	5719BLK	Benzo(a)anthracene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Benzo(a)pyrene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Benzo(b)fluoranthene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Benzo(g,h,i)perylene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Benzo(k)fluoranthene	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	Benzoic acid	2/2/2009	60	14	U	UG/L
			LB	5719BLK	Bis(2-Chloroethoxy)methane	2/2/2009	10	3.5	U	UG/L
			LB	5719BLK	Bis(2-Chloroethyl)ether	2/2/2009	10	3	U	UG/L
			LB	5719BLK	bis(2-ethylhexyl)phthalate	2/2/2009	10	4.4	U	UG/L
			LB	5719BLK	Butylbenzylphthalate	2/2/2009	20	3	U	UG/L
			LB	5719BLK	Chrysene	2/2/2009	10	2.9	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511633										
	SW8270C	WATER	LB	5719BLK	Dibenz(a,h)anthracene	2/2/2009	10	2.7	U	UG/L
			LB	5719BLK	Dibenzofuran	2/2/2009	10	2.7	U	UG/L
			LB	5719BLK	Diethylphthalate	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Dimethyl-phthalate	2/2/2009	10	3	U	UG/L
			LB	5719BLK	Di-n-butylphthalate	2/2/2009	20	2.9	U	UG/L
			LB	5719BLK	Di-n-octylphthalate	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	Fluoranthene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	Fluorene	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	Hexachlorobenzene	2/2/2009	10	0.41	U	UG/L
			LB	5719BLK	Hexachlorobutadiene	2/2/2009	10	2.5	U	UG/L
			LB	5719BLK	Hexachlorocyclopentadiene	2/2/2009	10	2.2	U	UG/L
			LB	5719BLK	Hexachloroethane	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Indeno(1,2,3-cd)pyrene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Naphthalene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Nitrobenzene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	N-Nitroso-di-n-propylamine	2/2/2009	20	3	U	UG/L
			LB	5719BLK	N-Nitrosodiphenylamine	2/2/2009	10	3.4	U	UG/L
			LB	5719BLK	Pentachlorophenol	2/2/2009	60	2.6	U	UG/L
			LB	5719BLK	Phenanthrene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Phenol	2/2/2009	10	1.7	U	UG/L
			LB	5719BLK	Pyrene	2/2/2009	10	2.9	U	UG/L
	SW8310		LB	709MB	1-Methylnaphthalene	1/29/2009	1	0.033	U	UG/L
			LB	709MB	2-Methylnaphthalene	1/29/2009	1	0.068	U	UG/L
			LB	709MB	Acenaphthene	1/29/2009	1	0.033	U	UG/L
			LB	709MB	Acenaphthylene	1/29/2009	1	0.028	U	UG/L
			LB	709MB	Anthracene	1/29/2009	0.3	0.012	U	UG/L
			LB	709MB	Benzo(a)anthracene	1/29/2009	0.2	0.03	U	UG/L
			LB	709MB	Benzo(a)pyrene	1/29/2009	0.2	0.033	U	UG/L
			LB	709MB	Benzo(b)fluoranthene	1/29/2009	0.2	0.032	U	UG/L
			LB	709MB	Benzo(g,h,i)perylene	1/29/2009	0.2	0.029	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511633										
	SW8310	WATER	LB	709MB	Benzo(k)fluoranthene	1/29/2009	0.1	0.074	U	UG/L
			LB	709MB	Chrysene	1/29/2009	0.2	0.087	U	UG/L
			LB	709MB	Dibenz(a,h)anthracene	1/29/2009	0.3	0.036	U	UG/L
			LB	709MB	Fluoranthene	1/29/2009	0.4	0.035	U	UG/L
			LB	709MB	Fluorene	1/29/2009	0.3	0.019	U	UG/L
			LB	709MB	Indeno(1,2,3-cd)pyrene	1/29/2009	0.2	0.02	U	UG/L
			LB	709MB	Naphthalene	1/29/2009	1	0.042	U	UG/L
			LB	709MB	Phenanthrene	1/29/2009	0.3	0.039	U	UG/L
			LB	709MB	Pyrene	1/29/2009	0.2	0.038	U	UG/L
2511634										
	E300	WATER	LB	690580MB	Nitrate	1/28/2009	10	0.015	U	MG/L
			LB	690580MB	Sulfate	1/28/2009	1	0.074	U	MG/L
	SW6010B		LB	277795BLK	Iron, dissolved	2/3/2009	10.4	5.5	J	UG/L
			LB	277795BLK	Manganese, dissolved	2/3/2009	10	0.35	U	UG/L
	SW8011		LB	703BLK	1,2-Dibromo-3-chloropropane	1/29/2009	0.0199	0.008	U	UG/L
			LB	703BLK	1,2-Dibromoethane(EDB)	1/29/2009	0.0199	0.01	U	UG/L
	SW8015-E		LB	5712BLK	TPH C10-C28	1/30/2009	0.25	0.1	U	MG/L
	SW8015-P		LB	0129BLK1	TPH C6-C10	1/29/2009	0.064	0.032	U	MG/L
			TB	ST106-TB-27012009B	TPH C6-C10	1/29/2009	0.064	0.032	U	MG/L
	SW8260B		LB	020509BLKA32	1,1,1,2-Tetrachloroethane	2/5/2009	1	0.25	U	UG/L
			LB	020509BLKA32	1,1,1-Trichloroethane	2/5/2009	1	0.16	U	UG/L
			LB	020509BLKA32	1,1,2,2-Tetrachloroethane	2/5/2009	1	0.26	U	UG/L
			LB	020509BLKA32	1,1,2-Trichloroethane	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	1,1-Dichloroethane	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	1,1-Dichloroethene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	1,1-Dichloropropene	2/5/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,2,3-Trichlorobenzene	2/5/2009	1.2	0.61	U	UG/L
			LB	020509BLKA32	1,2,3-Trichloropropane	2/5/2009	1.5	0.76	U	UG/L
			LB	020509BLKA32	1,2,4-Trichlorobenzene	2/5/2009	1	0.5	U	UG/L
			LB	020509BLKA32	1,2,4-Trimethylbenzene	2/5/2009	1	0.17	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511634										
	SW8260B	WATER	LB	020509BLKA32	1,2-Dibromo-3-chloropropane	2/5/2009	5	1.4	U	UG/L
			LB	020509BLKA32	1,2-Dibromoethane(EDB)	2/5/2009	1	0.33	U	UG/L
			LB	020509BLKA32	1,2-Dichlorobenzene	2/5/2009	1	0.26	U	UG/L
			LB	020509BLKA32	1,2-Dichloroethane	2/5/2009	1	0.4	U	UG/L
			LB	020509BLKA32	1,2-Dichloropropane	2/5/2009	1	0.27	U	UG/L
			LB	020509BLKA32	1,3,5-Trimethylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	1,3-Dichlorobenzene	2/5/2009	1	0.14	U	UG/L
			LB	020509BLKA32	1,3-Dichloropropane	2/5/2009	1	0.19	U	UG/L
			LB	020509BLKA32	1,4-Dichlorobenzene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	2,2-Dichloropropane	2/5/2009	5	0.32	U	UG/L
			LB	020509BLKA32	2-Butanone	2/5/2009	6	1	U	UG/L
			LB	020509BLKA32	2-Chlorotoluene	2/5/2009	1	0.32	U	UG/L
			LB	020509BLKA32	2-Hexanone	2/5/2009	5	0.8	U	UG/L
			LB	020509BLKA32	4-Chlorotoluene	2/5/2009	1	0.12	U	UG/L
			LB	020509BLKA32	4-Isopropyltoluene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA32	4-Methyl-2-pentanone	2/5/2009	5	0.61	U	UG/L
			LB	020509BLKA32	Acetone	2/5/2009	10	3.6	U	UG/L
			LB	020509BLKA32	Benzene	2/5/2009	1	0.16	U	UG/L
			LB	020509BLKA32	Bromobenzene	2/5/2009	1	0.27	U	UG/L
			LB	020509BLKA32	Bromochloromethane	2/5/2009	1	0.38	U	UG/L
			LB	020509BLKA32	Bromodichloromethane	2/5/2009	1	0.15	U	UG/L
			LB	020509BLKA32	Bromoform	2/5/2009	1	0.35	U	UG/L
			LB	020509BLKA32	Bromomethane	2/5/2009	2	0.76	U	UG/L
			LB	020509BLKA32	Carbon disulfide	2/5/2009	2	0.29	U	UG/L
			LB	020509BLKA32	Carbon tetrachloride	2/5/2009	1	0.33	U	UG/L
			LB	020509BLKA32	Chlorobenzene	2/5/2009	1	0.18	U	UG/L
			LB	020509BLKA32	Chloroethane	2/5/2009	2	0.99	U	UG/L
			LB	020509BLKA32	Chloroform	2/5/2009	1	0.29	U	UG/L
			LB	020509BLKA32	Chloromethane	2/5/2009	2	0.68	U	UG/L
			LB	020509BLKA32	cis-1,2-Dichloroethene	2/5/2009	1	0.29	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511634										
	SW8260B	WATER	LB	020509BLKA32	cis-1,3-Dichloropropene	2/5/2009	1	0.23	U	UG/L
			LB	020509BLKA32	Dibromochloromethane	2/5/2009	1	0.34	U	UG/L
			LB	020509BLKA32	Dibromomethane	2/5/2009	1.1	0.53	U	UG/L
			LB	020509BLKA32	Dichlorodifluoromethane	2/5/2009	2	0.19	U	UG/L
			LB	020509BLKA32	Ethylbenzene	2/5/2009	1	0.43	U	UG/L
			LB	020509BLKA32	Hexachlorobutadiene	2/5/2009	1	0.4	U	UG/L
			LB	020509BLKA32	Isopropylbenzene (Cumene)	2/5/2009	1	0.41	U	UG/L
			LB	020509BLKA32	Methylene chloride	2/5/2009	5	0.52	U	UG/L
			LB	020509BLKA32	MTBE	2/5/2009	5	0.26	U	UG/L
			LB	020509BLKA32	Naphthalene	2/5/2009	1	0.32	U	UG/L
			LB	020509BLKA32	n-Butylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	n-Propylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	o-Xylene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	p,m-Xylene	2/5/2009	2	0.27	U	UG/L
			LB	020509BLKA32	sec-Butylbenzene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	Styrene	2/5/2009	1	0.2	U	UG/L
			LB	020509BLKA32	tert-Butylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	Tetrachloroethene	2/5/2009	1	0.35	U	UG/L
			LB	020509BLKA32	Toluene	2/5/2009	1	0.22	U	UG/L
			LB	020509BLKA32	trans-1,2-Dichloroethene	2/5/2009	1	0.23	U	UG/L
			LB	020509BLKA32	trans-1,3-Dichloropropene	2/5/2009	1	0.15	U	UG/L
			LB	020509BLKA32	Trichloroethene	2/5/2009	1	0.42	U	UG/L
			LB	020509BLKA32	Trichlorofluoromethane	2/5/2009	2	0.25	U	UG/L
			LB	020509BLKA32	Vinyl chloride	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA32	Xylene (total)	2/5/2009	3	0.27	U	UG/L
			TB	ST106-TB-27012009B	1,1,1,2-Tetrachloroethane	2/5/2009	1	0.25	U	UG/L
			TB	ST106-TB-27012009B	1,1,1-Trichloroethane	2/5/2009	1	0.16	U	UG/L
			TB	ST106-TB-27012009B	1,1,2,2-Tetrachloroethane	2/5/2009	1	0.26	U	UG/L
			TB	ST106-TB-27012009B	1,1,2-Trichloroethane	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-27012009B	1,1-Dichloroethane	2/5/2009	1	0.22	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511634										
	SW8260B	WATER	TB	ST106-TB-27012009B	1,1-Dichloroethene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-27012009B	1,1-Dichloropropene	2/5/2009	1	0.19	U	UG/L
			TB	ST106-TB-27012009B	1,2,3-Trichlorobenzene	2/5/2009	1.2	0.61	U	UG/L
			TB	ST106-TB-27012009B	1,2,3-Trichloropropane	2/5/2009	1.5	0.76	U	UG/L
			TB	ST106-TB-27012009B	1,2,4-Trichlorobenzene	2/5/2009	1	0.5	U	UG/L
			TB	ST106-TB-27012009B	1,2,4-Trimethylbenzene	2/5/2009	1	0.17	U	UG/L
			TB	ST106-TB-27012009B	1,2-Dibromo-3-chloropropane	2/5/2009	5	1.4	U	UG/L
			TB	ST106-TB-27012009B	1,2-Dibromoethane(EDB)	2/5/2009	1	0.33	U	UG/L
			TB	ST106-TB-27012009B	1,2-Dichlorobenzene	2/5/2009	1	0.26	U	UG/L
			TB	ST106-TB-27012009B	1,2-Dichloroethane	2/5/2009	1	0.4	U	UG/L
			TB	ST106-TB-27012009B	1,2-Dichloropropane	2/5/2009	1	0.27	U	UG/L
			TB	ST106-TB-27012009B	1,3,5-Trimethylbenzene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-27012009B	1,3-Dichlorobenzene	2/5/2009	1	0.14	U	UG/L
			TB	ST106-TB-27012009B	1,3-Dichloropropane	2/5/2009	1	0.19	U	UG/L
			TB	ST106-TB-27012009B	1,4-Dichlorobenzene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-27012009B	2,2-Dichloropropane	2/5/2009	5	0.32	U	UG/L
			TB	ST106-TB-27012009B	2-Butanone	2/5/2009	6	1	U	UG/L
			TB	ST106-TB-27012009B	2-Chlorotoluene	2/5/2009	1	0.32	U	UG/L
			TB	ST106-TB-27012009B	2-Hexanone	2/5/2009	5	0.8	U	UG/L
			TB	ST106-TB-27012009B	4-Chlorotoluene	2/5/2009	1	0.12	U	UG/L
			TB	ST106-TB-27012009B	4-Isopropyltoluene	2/5/2009	1	0.24	U	UG/L
			TB	ST106-TB-27012009B	4-Methyl-2-pentanone	2/5/2009	5	0.61	U	UG/L
			TB	ST106-TB-27012009B	Acetone	2/5/2009	10	3.6	U	UG/L
			TB	ST106-TB-27012009B	Benzene	2/5/2009	1	0.16	U	UG/L
			TB	ST106-TB-27012009B	Bromobenzene	2/5/2009	1	0.27	U	UG/L
			TB	ST106-TB-27012009B	Bromochloromethane	2/5/2009	1	0.38	U	UG/L
			TB	ST106-TB-27012009B	Bromodichloromethane	2/5/2009	1	0.15	U	UG/L
			TB	ST106-TB-27012009B	Bromoform	2/5/2009	1	0.35	U	UG/L
			TB	ST106-TB-27012009B	Bromomethane	2/5/2009	2	0.76	U	UG/L
			TB	ST106-TB-27012009B	Carbon disulfide	2/5/2009	2	0.29	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511634										
	SW8260B	WATER	TB	ST106-TB-27012009B	Carbon tetrachloride	2/5/2009	1	0.33	U	UG/L
			TB	ST106-TB-27012009B	Chlorobenzene	2/5/2009	1	0.18	U	UG/L
			TB	ST106-TB-27012009B	Chloroethane	2/5/2009	2	0.99	U	UG/L
			TB	ST106-TB-27012009B	Chloroform	2/5/2009	1	0.29	U	UG/L
			TB	ST106-TB-27012009B	Chloromethane	2/5/2009	2	0.68	U	UG/L
			TB	ST106-TB-27012009B	cis-1,2-Dichloroethene	2/5/2009	1	0.29	U	UG/L
			TB	ST106-TB-27012009B	cis-1,3-Dichloropropene	2/5/2009	1	0.23	U	UG/L
			TB	ST106-TB-27012009B	Dibromochloromethane	2/5/2009	1	0.34	U	UG/L
			TB	ST106-TB-27012009B	Dibromomethane	2/5/2009	1.1	0.53	U	UG/L
			TB	ST106-TB-27012009B	Dichlorodifluoromethane	2/5/2009	2	0.19	U	UG/L
			TB	ST106-TB-27012009B	Ethylbenzene	2/5/2009	1	0.43	U	UG/L
			TB	ST106-TB-27012009B	Hexachlorobutadiene	2/5/2009	1	0.4	U	UG/L
			TB	ST106-TB-27012009B	Isopropylbenzene (Cumene)	2/5/2009	1	0.41	U	UG/L
			TB	ST106-TB-27012009B	Methylene chloride	2/5/2009	5	0.52	U	UG/L
			TB	ST106-TB-27012009B	MTBE	2/5/2009	5	0.26	U	UG/L
			TB	ST106-TB-27012009B	Naphthalene	2/5/2009	1	0.32	U	UG/L
			TB	ST106-TB-27012009B	n-Butylbenzene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-27012009B	n-Propylbenzene	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-27012009B	o-Xylene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-27012009B	p,m-Xylene	2/5/2009	2	0.27	U	UG/L
			TB	ST106-TB-27012009B	sec-Butylbenzene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-27012009B	Styrene	2/5/2009	1	0.2	U	UG/L
			TB	ST106-TB-27012009B	tert-Butylbenzene	2/5/2009	1	0.28	U	UG/L
			TB	ST106-TB-27012009B	Tetrachloroethene	2/5/2009	1	0.35	U	UG/L
			TB	ST106-TB-27012009B	Toluene	2/5/2009	1	0.22	U	UG/L
			TB	ST106-TB-27012009B	trans-1,2-Dichloroethene	2/5/2009	1	0.23	U	UG/L
			TB	ST106-TB-27012009B	trans-1,3-Dichloropropene	2/5/2009	1	0.15	U	UG/L
			TB	ST106-TB-27012009B	Trichloroethene	2/5/2009	1	0.42	U	UG/L
			TB	ST106-TB-27012009B	Trichlorofluoromethane	2/5/2009	2	0.25	U	UG/L
			TB	ST106-TB-27012009B	Vinyl chloride	2/5/2009	1	0.28	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511634										
	SW8260B	WATER	TB	ST106-TB-27012009B	Xylene (total)	2/5/2009	3	0.27	U	UG/L
	SW8270C		LB	5719BLK	1,2-Dichlorobenzene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	1,3-Dinitrobenzene	2/2/2009	10	2.5	U	UG/L
			LB	5719BLK	2,4,5-Trichlorophenol	2/2/2009	20	3.4	U	UG/L
			LB	5719BLK	2,4,6-Trichlorophenol	2/2/2009	20	3.6	U	UG/L
			LB	5719BLK	2,4-Dimethylphenol	2/2/2009	10	2.3	U	UG/L
			LB	5719BLK	2,4-Dinitrophenol	2/2/2009	60	5.6	U	UG/L
			LB	5719BLK	2,4-Dinitrotoluene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	2,6-Dinitrotoluene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	2-Chloronaphthalene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	2-Chlorophenol	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	2-Methyl-4,6-dinitrophenol	2/2/2009	60	3.3	U	UG/L
			LB	5719BLK	2-Methylnaphthalene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	2-Methylphenol (o-Cresol)	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	2-Nitroaniline	2/2/2009	50	3	U	UG/L
			LB	5719BLK	2-Nitrophenol	2/2/2009	20	3.4	U	UG/L
			LB	5719BLK	3,3'-Dichlorobenzidine	2/2/2009	20	2.7	U	UG/L
			LB	5719BLK	3-Nitroaniline	2/2/2009	50	2.8	U	UG/L
			LB	5719BLK	4-Bromophenyl-phenylether	2/2/2009	10	2.3	U	UG/L
			LB	5719BLK	4-Chloro-3-methylphenol	2/2/2009	20	2.7	U	UG/L
			LB	5719BLK	4-Chloroaniline	2/2/2009	20	3	U	UG/L
			LB	5719BLK	4-Chlorophenyl-phenylether	2/2/2009	10	2.5	U	UG/L
			LB	5719BLK	4-Methylphenol	2/2/2009	20	6.1	U	UG/L
			LB	5719BLK	4-Nitroaniline	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	4-Nitrophenol	2/2/2009	50	2.9	U	UG/L
			LB	5719BLK	Acenaphthene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Acenaphthylene	2/2/2009	10	3	U	UG/L
			LB	5719BLK	Anthracene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Benzidine	2/2/2009	150	20	U	UG/L
			LB	5719BLK	Benzo(a)anthracene	2/2/2009	10	2.6	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511634										
	SW8270C	WATER	LB	5719BLK	Benzo(a)pyrene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Benzo(b)fluoranthene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Benzo(g,h,i)perylene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Benzo(k)fluoranthene	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	Benzoic acid	2/2/2009	60	14	U	UG/L
			LB	5719BLK	Bis(2-Chloroethoxy)methane	2/2/2009	10	3.5	U	UG/L
			LB	5719BLK	Bis(2-Chloroethyl)ether	2/2/2009	10	3	U	UG/L
			LB	5719BLK	bis(2-ethylhexyl)phthalate	2/2/2009	10	4.4	U	UG/L
			LB	5719BLK	Butylbenzylphthalate	2/2/2009	20	3	U	UG/L
			LB	5719BLK	Chrysene	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	Dibenz(a,h)anthracene	2/2/2009	10	2.7	U	UG/L
			LB	5719BLK	Dibenzofuran	2/2/2009	10	2.7	U	UG/L
			LB	5719BLK	Diethylphthalate	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Dimethyl-phthalate	2/2/2009	10	3	U	UG/L
			LB	5719BLK	Di-n-butylphthalate	2/2/2009	20	2.9	U	UG/L
			LB	5719BLK	Di-n-octylphthalate	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	Fluoranthene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	Fluorene	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	Hexachlorobenzene	2/2/2009	10	0.41	U	UG/L
			LB	5719BLK	Hexachlorobutadiene	2/2/2009	10	2.5	U	UG/L
			LB	5719BLK	Hexachlorocyclopentadiene	2/2/2009	10	2.2	U	UG/L
			LB	5719BLK	Hexachloroethane	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Indeno(1,2,3-cd)pyrene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Naphthalene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Nitrobenzene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	N-Nitroso-di-n-propylamine	2/2/2009	20	3	U	UG/L
			LB	5719BLK	N-Nitrosodiphenylamine	2/2/2009	10	3.4	U	UG/L
			LB	5719BLK	Pentachlorophenol	2/2/2009	60	2.6	U	UG/L
			LB	5719BLK	Phenanthrene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Phenol	2/2/2009	10	1.7	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511634										
	SW8270C	WATER	LB	5719BLK	Pyrene	2/2/2009	10	2.9	U	UG/L
	SW8310		LB	709MB	1-Methylnaphthalene	1/29/2009	1	0.033	U	UG/L
			LB	709MB	2-Methylnaphthalene	1/29/2009	1	0.068	U	UG/L
			LB	709MB	Acenaphthene	1/29/2009	1	0.033	U	UG/L
			LB	709MB	Acenaphthylene	1/29/2009	1	0.028	U	UG/L
			LB	709MB	Anthracene	1/29/2009	0.3	0.012	U	UG/L
			LB	709MB	Benzo(a)anthracene	1/29/2009	0.2	0.03	U	UG/L
			LB	709MB	Benzo(a)pyrene	1/29/2009	0.2	0.033	U	UG/L
			LB	709MB	Benzo(b)fluoranthene	1/29/2009	0.2	0.032	U	UG/L
			LB	709MB	Benzo(g,h,i)perylene	1/29/2009	0.2	0.029	U	UG/L
			LB	709MB	Benzo(k)fluoranthene	1/29/2009	0.15	0.074	U	UG/L
			LB	709MB	Chrysene	1/29/2009	0.2	0.087	U	UG/L
			LB	709MB	Dibenz(a,h)anthracene	1/29/2009	0.3	0.036	U	UG/L
			LB	709MB	Fluoranthene	1/29/2009	0.4	0.035	U	UG/L
			LB	709MB	Fluorene	1/29/2009	0.3	0.019	U	UG/L
			LB	709MB	Indeno(1,2,3-cd)pyrene	1/29/2009	0.2	0.02	U	UG/L
			LB	709MB	Naphthalene	1/29/2009	1	0.042	U	UG/L
			LB	709MB	Phenanthrene	1/29/2009	0.3	0.039	U	UG/L
			LB	709MB	Pyrene	1/29/2009	0.2	0.038	U	UG/L
2511664										
	E300	WATER	LB	690091MB	Nitrate	1/30/2009	10	0.015	U	MG/L
			LB	690091MB	Sulfate	1/30/2009	1	0.074	U	MG/L
	SW6010B		LB	277916BLK	Iron, dissolved	2/3/2009	20.2	5.5	J	UG/L
			LB	277916BLK	Manganese, dissolved	2/3/2009	10	0.35	U	UG/L
	SW8011		LB	732BLK	1,2-Dibromo-3-chloropropane	2/4/2009	0.0199	0.008	U	UG/L
			LB	732BLK	1,2-Dibromoethane(EDB)	2/4/2009	0.0199	0.01	U	UG/L
	SW8015-E		LB	735blk	TPH C10-C28	2/17/2009	0.25	0.05	U	MG/L
	SW8015-P		LB	0130BLK1	TPH C6-C10	1/30/2009	0.064	0.032	U	MG/L
			TB	ST106-TB-29012009	TPH C6-C10	1/30/2009	0.064	0.032	U	MG/L
	SW8260B		LB	020509BLKA34	1,1,1,2-Tetrachloroethane	2/5/2009	1	0.25	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511664										
	SW8260B	WATER	LB	020609BLKA32	1,1,1,2-Tetrachloroethane	2/6/2009	1	0.25	U	UG/L
			LB	020609BLKA32	1,1,1-Trichloroethane	2/6/2009	1	0.16	U	UG/L
			LB	020509BLKA34	1,1,1-Trichloroethane	2/5/2009	1	0.16	U	UG/L
			LB	020509BLKA34	1,1,2,2-Tetrachloroethane	2/5/2009	1	0.26	U	UG/L
			LB	020609BLKA32	1,1,2,2-Tetrachloroethane	2/6/2009	1	0.26	U	UG/L
			LB	020509BLKA34	1,1,2-Trichloroethane	2/5/2009	1	0.28	U	UG/L
			LB	020609BLKA32	1,1,2-Trichloroethane	2/6/2009	1	0.28	U	UG/L
			LB	020509BLKA34	1,1-Dichloroethane	2/5/2009	1	0.22	U	UG/L
			LB	020609BLKA32	1,1-Dichloroethane	2/6/2009	1	0.22	U	UG/L
			LB	020609BLKA32	1,1-Dichloroethene	2/6/2009	1	0.24	U	UG/L
			LB	020509BLKA34	1,1-Dichloroethene	2/5/2009	1	0.24	U	UG/L
			LB	020609BLKA32	1,1-Dichloropropene	2/6/2009	1	0.19	U	UG/L
			LB	020509BLKA34	1,1-Dichloropropene	2/5/2009	1	0.19	U	UG/L
			LB	020609BLKA32	1,2,3-Trichlorobenzene	2/6/2009	1.2	0.61	U	UG/L
			LB	020509BLKA34	1,2,3-Trichlorobenzene	2/5/2009	1.2	0.61	U	UG/L
			LB	020609BLKA32	1,2,3-Trichloropropane	2/6/2009	1.5	0.76	U	UG/L
			LB	020509BLKA34	1,2,3-Trichloropropane	2/5/2009	1.5	0.76	U	UG/L
			LB	020609BLKA32	1,2,4-Trichlorobenzene	2/6/2009	1	0.5	U	UG/L
			LB	020509BLKA34	1,2,4-Trichlorobenzene	2/5/2009	1	0.5	U	UG/L
			LB	020509BLKA34	1,2,4-Trimethylbenzene	2/5/2009	1	0.17	U	UG/L
			LB	020609BLKA32	1,2,4-Trimethylbenzene	2/6/2009	1	0.17	U	UG/L
			LB	020609BLKA32	1,2-Dibromo-3-chloropropane	2/6/2009	5	1.4	U	UG/L
			LB	020509BLKA34	1,2-Dibromo-3-chloropropane	2/5/2009	5	1.4	U	UG/L
			LB	020509BLKA34	1,2-Dibromoethane(EDB)	2/5/2009	1	0.33	U	UG/L
			LB	020609BLKA32	1,2-Dibromoethane(EDB)	2/6/2009	1	0.33	U	UG/L
			LB	020609BLKA32	1,2-Dichlorobenzene	2/6/2009	1	0.26	U	UG/L
			LB	020509BLKA34	1,2-Dichlorobenzene	2/5/2009	1	0.26	U	UG/L
			LB	020609BLKA32	1,2-Dichloroethane	2/6/2009	1	0.4	U	UG/L
			LB	020509BLKA34	1,2-Dichloroethane	2/5/2009	1	0.4	U	UG/L
			LB	020609BLKA32	1,2-Dichloropropane	2/6/2009	1	0.27	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511664										
	SW8260B	WATER	LB	020509BLKA34	1,2-Dichloropropane	2/5/2009	1	0.27	U	UG/L
			LB	020509BLKA34	1,3,5-Trimethylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020609BLKA32	1,3,5-Trimethylbenzene	2/6/2009	1	0.22	U	UG/L
			LB	020509BLKA34	1,3-Dichlorobenzene	2/5/2009	1	0.14	U	UG/L
			LB	020609BLKA32	1,3-Dichlorobenzene	2/6/2009	1	0.14	U	UG/L
			LB	020509BLKA34	1,3-Dichloropropane	2/5/2009	1	0.19	U	UG/L
			LB	020609BLKA32	1,3-Dichloropropane	2/6/2009	1	0.19	U	UG/L
			LB	020509BLKA34	1,4-Dichlorobenzene	2/5/2009	1	0.24	U	UG/L
			LB	020609BLKA32	1,4-Dichlorobenzene	2/6/2009	1	0.24	U	UG/L
			LB	020509BLKA34	2,2-Dichloropropane	2/5/2009	5	0.32	U	UG/L
			LB	020609BLKA32	2,2-Dichloropropane	2/6/2009	5	0.32	U	UG/L
			LB	020509BLKA34	2-Butanone	2/5/2009	6	1	U	UG/L
			LB	020609BLKA32	2-Butanone	2/6/2009	6	1	U	UG/L
			LB	020509BLKA34	2-Chlorotoluene	2/5/2009	1	0.32	U	UG/L
			LB	020609BLKA32	2-Chlorotoluene	2/6/2009	1	0.32	U	UG/L
			LB	020509BLKA34	2-Hexanone	2/5/2009	5	0.8	U	UG/L
			LB	020609BLKA32	2-Hexanone	2/6/2009	5	0.8	U	UG/L
			LB	020609BLKA32	4-Chlorotoluene	2/6/2009	1	0.12	U	UG/L
			LB	020509BLKA34	4-Chlorotoluene	2/5/2009	1	0.12	U	UG/L
			LB	020609BLKA32	4-Isopropyltoluene	2/6/2009	1	0.24	U	UG/L
			LB	020509BLKA34	4-Isopropyltoluene	2/5/2009	1	0.24	U	UG/L
			LB	020509BLKA34	4-Methyl-2-pentanone	2/5/2009	5	0.61	U	UG/L
			LB	020609BLKA32	4-Methyl-2-pentanone	2/6/2009	5	0.61	U	UG/L
			LB	020509BLKA34	Acetone	2/5/2009	10	3.6	U	UG/L
			LB	020609BLKA32	Acetone	2/6/2009	10	3.6	U	UG/L
			LB	020509BLKA34	Benzene	2/5/2009	1	0.16	U	UG/L
			LB	020609BLKA32	Benzene	2/6/2009	1	0.16	U	UG/L
			LB	020509BLKA34	Bromobenzene	2/5/2009	1	0.27	U	UG/L
			LB	020609BLKA32	Bromobenzene	2/6/2009	1	0.27	U	UG/L
			LB	020509BLKA34	Bromochloromethane	2/5/2009	1	0.38	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511664										
	SW8260B	WATER	LB	020609BLKA32	Bromochloromethane	2/6/2009	1	0.38	U	UG/L
			LB	020509BLKA34	Bromodichloromethane	2/5/2009	1	0.15	U	UG/L
			LB	020609BLKA32	Bromodichloromethane	2/6/2009	1	0.15	U	UG/L
			LB	020509BLKA34	Bromoform	2/5/2009	1	0.35	U	UG/L
			LB	020609BLKA32	Bromoform	2/6/2009	1	0.35	U	UG/L
			LB	020509BLKA34	Bromomethane	2/5/2009	2	0.76	U	UG/L
			LB	020609BLKA32	Bromomethane	2/6/2009	2	0.76	U	UG/L
			LB	020509BLKA34	Carbon disulfide	2/5/2009	2	0.29	U	UG/L
			LB	020609BLKA32	Carbon disulfide	2/6/2009	2	0.29	U	UG/L
			LB	020509BLKA34	Carbon tetrachloride	2/5/2009	1	0.33	U	UG/L
			LB	020609BLKA32	Carbon tetrachloride	2/6/2009	1	0.33	U	UG/L
			LB	020609BLKA32	Chlorobenzene	2/6/2009	1	0.18	U	UG/L
			LB	020509BLKA34	Chlorobenzene	2/5/2009	1	0.18	U	UG/L
			LB	020509BLKA34	Chloroethane	2/5/2009	2	0.99	U	UG/L
			LB	020609BLKA32	Chloroethane	2/6/2009	2	0.99	U	UG/L
			LB	020609BLKA32	Chloroform	2/6/2009	1	0.29	U	UG/L
			LB	020509BLKA34	Chloroform	2/5/2009	1	0.29	U	UG/L
			LB	020609BLKA32	Chloromethane	2/6/2009	2	0.68	U	UG/L
			LB	020509BLKA34	Chloromethane	2/5/2009	2	0.68	U	UG/L
			LB	020609BLKA32	cis-1,2-Dichloroethene	2/6/2009	1	0.29	U	UG/L
			LB	020509BLKA34	cis-1,2-Dichloroethene	2/5/2009	1	0.29	U	UG/L
			LB	020509BLKA34	cis-1,3-Dichloropropene	2/5/2009	1	0.23	U	UG/L
			LB	020609BLKA32	cis-1,3-Dichloropropene	2/6/2009	1	0.23	U	UG/L
			LB	020609BLKA32	Dibromochloromethane	2/6/2009	1	0.34	U	UG/L
			LB	020509BLKA34	Dibromochloromethane	2/5/2009	1	0.34	U	UG/L
			LB	020609BLKA32	Dibromomethane	2/6/2009	1.1	0.53	U	UG/L
			LB	020509BLKA34	Dibromomethane	2/5/2009	1.1	0.53	U	UG/L
			LB	020609BLKA32	Dichlorodifluoromethane	2/6/2009	2	0.19	U	UG/L
			LB	020509BLKA34	Dichlorodifluoromethane	2/5/2009	2	0.19	U	UG/L
			LB	020609BLKA32	Ethylbenzene	2/6/2009	1	0.43	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511664										
	SW8260B	WATER	LB	020509BLKA34	Ethylbenzene	2/5/2009	1	0.43	U	UG/L
			LB	020609BLKA32	Hexachlorobutadiene	2/6/2009	1	0.4	U	UG/L
			LB	020509BLKA34	Hexachlorobutadiene	2/5/2009	1	0.4	U	UG/L
			LB	020609BLKA32	Isopropylbenzene (Cumene)	2/6/2009	1	0.41	U	UG/L
			LB	020509BLKA34	Isopropylbenzene (Cumene)	2/5/2009	1	0.41	U	UG/L
			LB	020509BLKA34	Methylene chloride	2/5/2009	5	0.52	U	UG/L
			LB	020609BLKA32	Methylene chloride	2/6/2009	5	0.52	U	UG/L
			LB	020609BLKA32	MTBE	2/6/2009	5	0.26	U	UG/L
			LB	020509BLKA34	MTBE	2/5/2009	5	0.26	U	UG/L
			LB	020609BLKA32	Naphthalene	2/6/2009	1	0.32	U	UG/L
			LB	020509BLKA34	Naphthalene	2/5/2009	1	0.32	U	UG/L
			LB	020609BLKA32	n-Butylbenzene	2/6/2009	1	0.22	U	UG/L
			LB	020509BLKA34	n-Butylbenzene	2/5/2009	1	0.22	U	UG/L
			LB	020609BLKA32	n-Propylbenzene	2/6/2009	1	0.28	U	UG/L
			LB	020509BLKA34	n-Propylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020609BLKA32	o-Xylene	2/6/2009	1	0.2	U	UG/L
			LB	020509BLKA34	o-Xylene	2/5/2009	1	0.2	U	UG/L
			LB	020609BLKA32	p,m-Xylene	2/6/2009	2	0.27	U	UG/L
			LB	020509BLKA34	p,m-Xylene	2/5/2009	2	0.27	U	UG/L
			LB	020509BLKA34	sec-Butylbenzene	2/5/2009	1	0.2	U	UG/L
			LB	020609BLKA32	sec-Butylbenzene	2/6/2009	1	0.2	U	UG/L
			LB	020609BLKA32	Styrene	2/6/2009	1	0.2	U	UG/L
			LB	020509BLKA34	Styrene	2/5/2009	1	0.2	U	UG/L
			LB	020609BLKA32	tert-Butylbenzene	2/6/2009	1	0.28	U	UG/L
			LB	020509BLKA34	tert-Butylbenzene	2/5/2009	1	0.28	U	UG/L
			LB	020609BLKA32	Tetrachloroethene	2/6/2009	1	0.35	U	UG/L
			LB	020509BLKA34	Tetrachloroethene	2/5/2009	1	0.35	U	UG/L
			LB	020509BLKA34	Toluene	2/5/2009	1	0.22	U	UG/L
			LB	020609BLKA32	Toluene	2/6/2009	1	0.22	U	UG/L
			LB	020609BLKA32	trans-1,2-Dichloroethene	2/6/2009	1	0.23	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511664										
	SW8260B	WATER	LB	020509BLKA34	trans-1,2-Dichloroethene	2/5/2009	1	0.23	U	UG/L
			LB	020609BLKA32	trans-1,3-Dichloropropene	2/6/2009	1	0.15	U	UG/L
			LB	020509BLKA34	trans-1,3-Dichloropropene	2/5/2009	1	0.15	U	UG/L
			LB	020509BLKA34	Trichloroethene	2/5/2009	1	0.42	U	UG/L
			LB	020609BLKA32	Trichloroethene	2/6/2009	1	0.42	U	UG/L
			LB	020509BLKA34	Trichlorofluoromethane	2/5/2009	2	0.25	U	UG/L
			LB	020609BLKA32	Trichlorofluoromethane	2/6/2009	2	0.25	U	UG/L
			LB	020609BLKA32	Vinyl chloride	2/6/2009	1	0.28	U	UG/L
			LB	020509BLKA34	Vinyl chloride	2/5/2009	1	0.28	U	UG/L
			LB	020509BLKA34	Xylene (total)	2/5/2009	3	0.27	U	UG/L
			LB	020609BLKA32	Xylene (total)	2/6/2009	3	0.27	U	UG/L
			TB	ST106-TB-29012009	1,1,1,2-Tetrachloroethane	2/6/2009	1	0.25	U	UG/L
			TB	ST106-TB-29012009	1,1,1-Trichloroethane	2/6/2009	1	0.16	U	UG/L
			TB	ST106-TB-29012009	1,1,2,2-Tetrachloroethane	2/6/2009	1	0.26	U	UG/L
			TB	ST106-TB-29012009	1,1,2-Trichloroethane	2/6/2009	1	0.28	U	UG/L
			TB	ST106-TB-29012009	1,1-Dichloroethane	2/6/2009	1	0.22	U	UG/L
			TB	ST106-TB-29012009	1,1-Dichloroethene	2/6/2009	1	0.24	U	UG/L
			TB	ST106-TB-29012009	1,1-Dichloropropene	2/6/2009	1	0.19	U	UG/L
			TB	ST106-TB-29012009	1,2,3-Trichlorobenzene	2/6/2009	1.2	0.61	U	UG/L
			TB	ST106-TB-29012009	1,2,3-Trichloropropane	2/6/2009	1.5	0.76	U	UG/L
			TB	ST106-TB-29012009	1,2,4-Trichlorobenzene	2/6/2009	1	0.5	U	UG/L
			TB	ST106-TB-29012009	1,2,4-Trimethylbenzene	2/6/2009	1	0.17	U	UG/L
			TB	ST106-TB-29012009	1,2-Dibromo-3-chloropropane	2/6/2009	5	1.4	U	UG/L
			TB	ST106-TB-29012009	1,2-Dibromoethane(EDB)	2/6/2009	1	0.33	U	UG/L
			TB	ST106-TB-29012009	1,2-Dichlorobenzene	2/6/2009	1	0.26	U	UG/L
			TB	ST106-TB-29012009	1,2-Dichloroethane	2/6/2009	1	0.4	U	UG/L
			TB	ST106-TB-29012009	1,2-Dichloropropane	2/6/2009	1	0.27	U	UG/L
			TB	ST106-TB-29012009	1,3,5-Trimethylbenzene	2/6/2009	1	0.22	U	UG/L
			TB	ST106-TB-29012009	1,3-Dichlorobenzene	2/6/2009	1	0.14	U	UG/L
			TB	ST106-TB-29012009	1,3-Dichloropropane	2/6/2009	1	0.19	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511664										
	SW8260B	WATER	TB	ST106-TB-29012009	1,4-Dichlorobenzene	2/6/2009	1	0.24	U	UG/L
			TB	ST106-TB-29012009	2,2-Dichloropropane	2/6/2009	5	0.32	U	UG/L
			TB	ST106-TB-29012009	2-Butanone	2/6/2009	6	1	U	UG/L
			TB	ST106-TB-29012009	2-Chlorotoluene	2/6/2009	1	0.32	U	UG/L
			TB	ST106-TB-29012009	2-Hexanone	2/6/2009	5	0.8	U	UG/L
			TB	ST106-TB-29012009	4-Chlorotoluene	2/6/2009	1	0.12	U	UG/L
			TB	ST106-TB-29012009	4-Isopropyltoluene	2/6/2009	1	0.24	U	UG/L
			TB	ST106-TB-29012009	4-Methyl-2-pentanone	2/6/2009	5	0.61	U	UG/L
			TB	ST106-TB-29012009	Acetone	2/6/2009	10	3.6	U	UG/L
			TB	ST106-TB-29012009	Benzene	2/6/2009	1	0.16	U	UG/L
			TB	ST106-TB-29012009	Bromobenzene	2/6/2009	1	0.27	U	UG/L
			TB	ST106-TB-29012009	Bromochloromethane	2/6/2009	1	0.38	U	UG/L
			TB	ST106-TB-29012009	Bromodichloromethane	2/6/2009	1	0.15	U	UG/L
			TB	ST106-TB-29012009	Bromoform	2/6/2009	1	0.35	U	UG/L
			TB	ST106-TB-29012009	Bromomethane	2/6/2009	2	0.76	U	UG/L
			TB	ST106-TB-29012009	Carbon disulfide	2/6/2009	2	0.29	U	UG/L
			TB	ST106-TB-29012009	Carbon tetrachloride	2/6/2009	1	0.33	U	UG/L
			TB	ST106-TB-29012009	Chlorobenzene	2/6/2009	1	0.18	U	UG/L
			TB	ST106-TB-29012009	Chloroethane	2/6/2009	2	0.99	U	UG/L
			TB	ST106-TB-29012009	Chloroform	2/6/2009	1	0.29	U	UG/L
			TB	ST106-TB-29012009	Chloromethane	2/6/2009	2	0.68	U	UG/L
			TB	ST106-TB-29012009	cis-1,2-Dichloroethene	2/6/2009	1	0.29	U	UG/L
			TB	ST106-TB-29012009	cis-1,3-Dichloropropene	2/6/2009	1	0.23	U	UG/L
			TB	ST106-TB-29012009	Dibromochloromethane	2/6/2009	1	0.34	U	UG/L
			TB	ST106-TB-29012009	Dibromomethane	2/6/2009	1.1	0.53	U	UG/L
			TB	ST106-TB-29012009	Dichlorodifluoromethane	2/6/2009	2	0.19	U	UG/L
			TB	ST106-TB-29012009	Ethylbenzene	2/6/2009	1	0.43	U	UG/L
			TB	ST106-TB-29012009	Hexachlorobutadiene	2/6/2009	1	0.4	U	UG/L
			TB	ST106-TB-29012009	Isopropylbenzene (Cumene)	2/6/2009	1	0.41	U	UG/L
			TB	ST106-TB-29012009	Methylene chloride	2/6/2009	5	0.52	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511664										
	SW8260B	WATER	TB	ST106-TB-29012009	MTBE	2/6/2009	5	0.26	U	UG/L
			TB	ST106-TB-29012009	Naphthalene	2/6/2009	1	0.32	U	UG/L
			TB	ST106-TB-29012009	n-Butylbenzene	2/6/2009	1	0.22	U	UG/L
			TB	ST106-TB-29012009	n-Propylbenzene	2/6/2009	1	0.28	U	UG/L
			TB	ST106-TB-29012009	o-Xylene	2/6/2009	1	0.2	U	UG/L
			TB	ST106-TB-29012009	p,m-Xylene	2/6/2009	2	0.27	U	UG/L
			TB	ST106-TB-29012009	sec-Butylbenzene	2/6/2009	1	0.2	U	UG/L
			TB	ST106-TB-29012009	Styrene	2/6/2009	1	0.2	U	UG/L
			TB	ST106-TB-29012009	tert-Butylbenzene	2/6/2009	1	0.28	U	UG/L
			TB	ST106-TB-29012009	Tetrachloroethene	2/6/2009	1	0.35	U	UG/L
			TB	ST106-TB-29012009	Toluene	2/6/2009	1	0.22	U	UG/L
			TB	ST106-TB-29012009	trans-1,2-Dichloroethene	2/6/2009	1	0.23	U	UG/L
			TB	ST106-TB-29012009	trans-1,3-Dichloropropene	2/6/2009	1	0.15	U	UG/L
			TB	ST106-TB-29012009	Trichloroethene	2/6/2009	1	0.42	U	UG/L
			TB	ST106-TB-29012009	Trichlorofluoromethane	2/6/2009	2	0.25	U	UG/L
			TB	ST106-TB-29012009	Vinyl chloride	2/6/2009	1	0.28	U	UG/L
			TB	ST106-TB-29012009	Xylene (total)	2/6/2009	3	0.27	U	UG/L
	SW8270C		LB	5719BLK	1,2-Dichlorobenzene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	1,3-Dinitrobenzene	2/2/2009	10	2.5	U	UG/L
			LB	5719BLK	2,4,5-Trichlorophenol	2/2/2009	20	3.4	U	UG/L
			LB	5719BLK	2,4,6-Trichlorophenol	2/2/2009	20	3.6	U	UG/L
			LB	5719BLK	2,4-Dimethylphenol	2/2/2009	10	2.3	U	UG/L
			LB	5719BLK	2,4-Dinitrophenol	2/2/2009	60	5.6	U	UG/L
			LB	5719BLK	2,4-Dinitrotoluene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	2,6-Dinitrotoluene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	2-Chloronaphthalene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	2-Chlorophenol	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	2-Methyl-4,6-dinitrophenol	2/2/2009	60	3.3	U	UG/L
			LB	5719BLK	2-Methylnaphthalene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	2-Methylphenol (o-Cresol)	2/2/2009	10	2.6	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511664										
	SW8270C	WATER	LB	5719BLK	2-Nitroaniline	2/2/2009	50	3	U	UG/L
			LB	5719BLK	2-Nitrophenol	2/2/2009	20	3.4	U	UG/L
			LB	5719BLK	3,3'-Dichlorobenzidine	2/2/2009	20	2.7	U	UG/L
			LB	5719BLK	3-Nitroaniline	2/2/2009	50	2.8	U	UG/L
			LB	5719BLK	4-Bromophenyl-phenylether	2/2/2009	10	2.3	U	UG/L
			LB	5719BLK	4-Chloro-3-methylphenol	2/2/2009	20	2.7	U	UG/L
			LB	5719BLK	4-Chloroaniline	2/2/2009	20	3	U	UG/L
			LB	5719BLK	4-Chlorophenyl-phenylether	2/2/2009	10	2.5	U	UG/L
			LB	5719BLK	4-Methylphenol	2/2/2009	20	6.1	U	UG/L
			LB	5719BLK	4-Nitroaniline	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	4-Nitrophenol	2/2/2009	50	2.9	U	UG/L
			LB	5719BLK	Acenaphthene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Acenaphthylene	2/2/2009	10	3	U	UG/L
			LB	5719BLK	Anthracene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Benzidine	2/2/2009	150	20	U	UG/L
			LB	5719BLK	Benzo(a)anthracene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Benzo(a)pyrene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Benzo(b)fluoranthene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Benzo(g,h,i)perylene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Benzo(k)fluoranthene	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	Benzoic acid	2/2/2009	60	14	U	UG/L
			LB	5719BLK	Bis(2-Chloroethoxy)methane	2/2/2009	10	3.5	U	UG/L
			LB	5719BLK	Bis(2-Chloroethyl)ether	2/2/2009	10	3	U	UG/L
			LB	5719BLK	bis(2-ethylhexyl)phthalate	2/2/2009	10	4.4	U	UG/L
			LB	5719BLK	Butylbenzylphthalate	2/2/2009	20	3	U	UG/L
			LB	5719BLK	Chrysene	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	Dibenz(a,h)anthracene	2/2/2009	10	2.7	U	UG/L
			LB	5719BLK	Dibenzofuran	2/2/2009	10	2.7	U	UG/L
			LB	5719BLK	Diethylphthalate	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Dimethyl-phthalate	2/2/2009	10	3	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511664										
	SW8270C	WATER	LB	5719BLK	Di-n-butylphthalate	2/2/2009	20	2.9	U	UG/L
			LB	5719BLK	Di-n-octylphthalate	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	Fluoranthene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	Fluorene	2/2/2009	10	2.9	U	UG/L
			LB	5719BLK	Hexachlorobenzene	2/2/2009	10	0.41	U	UG/L
			LB	5719BLK	Hexachlorobutadiene	2/2/2009	10	2.5	U	UG/L
			LB	5719BLK	Hexachlorocyclopentadiene	2/2/2009	10	2.2	U	UG/L
			LB	5719BLK	Hexachloroethane	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Indeno(1,2,3-cd)pyrene	2/2/2009	10	2.6	U	UG/L
			LB	5719BLK	Naphthalene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Nitrobenzene	2/2/2009	20	2.8	U	UG/L
			LB	5719BLK	N-Nitroso-di-n-propylamine	2/2/2009	20	3	U	UG/L
			LB	5719BLK	N-Nitrosodiphenylamine	2/2/2009	10	3.4	U	UG/L
			LB	5719BLK	Pentachlorophenol	2/2/2009	60	2.6	U	UG/L
			LB	5719BLK	Phenanthrene	2/2/2009	10	2.8	U	UG/L
			LB	5719BLK	Phenol	2/2/2009	10	1.7	U	UG/L
			LB	5719BLK	Pyrene	2/2/2009	10	2.9	U	UG/L
	SW8310		LB	727MB	1-Methylnaphthalene	2/3/2009	1	0.033	U	UG/L
			LB	745MB	1-Methylnaphthalene	2/5/2009	1	0.033	U	UG/L
			LB	727MB	2-Methylnaphthalene	2/3/2009	1	0.068	U	UG/L
			LB	745MB	2-Methylnaphthalene	2/5/2009	1	0.068	U	UG/L
			LB	727MB	Acenaphthene	2/3/2009	1	0.033	U	UG/L
			LB	745MB	Acenaphthene	2/5/2009	1	0.033	U	UG/L
			LB	727MB	Acenaphthylene	2/3/2009	1	0.028	U	UG/L
			LB	745MB	Acenaphthylene	2/5/2009	1	0.028	U	UG/L
			LB	727MB	Anthracene	2/3/2009	0.3	0.012	U	UG/L
			LB	745MB	Anthracene	2/5/2009	0.3	0.012	U	UG/L
			LB	745MB	Benzo(a)anthracene	2/5/2009	0.2	0.03	U	UG/L
			LB	727MB	Benzo(a)anthracene	2/3/2009	0.2	0.03	U	UG/L
			LB	745MB	Benzo(a)pyrene	2/5/2009	0.2	0.033	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511664										
	SW8310	WATER	LB	727MB	Benzo(a)pyrene	2/3/2009	0.2	0.033	U	UG/L
			LB	745MB	Benzo(b)fluoranthene	2/5/2009	0.2	0.032	U	UG/L
			LB	727MB	Benzo(b)fluoranthene	2/3/2009	0.2	0.032	U	UG/L
			LB	727MB	Benzo(g,h,i)perylene	2/3/2009	0.2	0.029	U	UG/L
			LB	745MB	Benzo(g,h,i)perylene	2/5/2009	0.2	0.029	U	UG/L
			LB	745MB	Benzo(k)fluoranthene	2/5/2009	0.15	0.074	U	UG/L
			LB	727MB	Benzo(k)fluoranthene	2/3/2009	0.15	0.074	U	UG/L
			LB	727MB	Chrysene	2/3/2009	0.2	0.087	U	UG/L
			LB	745MB	Chrysene	2/5/2009	0.2	0.087	U	UG/L
			LB	727MB	Dibenz(a,h)anthracene	2/3/2009	0.3	0.036	U	UG/L
			LB	745MB	Dibenz(a,h)anthracene	2/5/2009	0.3	0.036	U	UG/L
			LB	727MB	Fluoranthene	2/3/2009	0.4	0.035	U	UG/L
			LB	745MB	Fluoranthene	2/5/2009	0.4	0.035	U	UG/L
			LB	745MB	Fluorene	2/5/2009	0.3	0.019	U	UG/L
			LB	727MB	Fluorene	2/3/2009	0.3	0.019	U	UG/L
			LB	745MB	Indeno(1,2,3-cd)pyrene	2/5/2009	0.2	0.02	U	UG/L
			LB	727MB	Indeno(1,2,3-cd)pyrene	2/3/2009	0.2	0.02	U	UG/L
			LB	727MB	Naphthalene	2/3/2009	1	0.042	U	UG/L
			LB	745MB	Naphthalene	2/5/2009	1	0.042	U	UG/L
			LB	727MB	Phenanthrene	2/3/2009	0.3	0.039	U	UG/L
			LB	745MB	Phenanthrene	2/5/2009	0.3	0.039	U	UG/L
			LB	727MB	Pyrene	2/3/2009	0.2	0.038	U	UG/L
			LB	745MB	Pyrene	2/5/2009	0.2	0.038	U	UG/L
2511696										
	E300	WATER	LB	693418MB	Nitrate	2/6/2009	0.019	0.015	J	MG/L
			LB	691324MB	Nitrate	2/3/2009	10	0.015	U	MG/L
			LB	693418MB	Sulfate	2/6/2009	1	0.074	U	MG/L
			LB	691324MB	Sulfate	2/3/2009	1	0.074	U	MG/L
	SW6010B		LB	278253BLK	Iron, dissolved	2/9/2009	0.1	0.006	U	MG/L
			LB	278253BLK	Manganese, dissolved	2/9/2009	0.01	0.0004	U	MG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511696										
	SW8011	WATER	LB	732BLK	1,2-Dibromo-3-chloropropane	2/4/2009	0.0199	0.008	U	UG/L
			LB	732BLK	1,2-Dibromoethane(EDB)	2/4/2009	0.0199	0.01	U	UG/L
	SW8015-E		LB	735blk	TPH C10-C28	2/17/2009	250	50	U	UG/L
	SW8015-P		LB	0203BLK1	TPH C6-C10	2/3/2009	64	32	U	UG/L
	SW8260B		LB	020509BLKA34	1,1,1,2-Tetrachloroethane	2/6/2009	1	0.25	U	UG/L
			LB	020509BLKA34	1,1,1-Trichloroethane	2/6/2009	1	0.16	U	UG/L
			LB	020509BLKA34	1,1,2,2-Tetrachloroethane	2/6/2009	1	0.26	U	UG/L
			LB	020509BLKA34	1,1,2-Trichloroethane	2/6/2009	1	0.28	U	UG/L
			LB	020509BLKA34	1,1-Dichloroethane	2/6/2009	1	0.22	U	UG/L
			LB	020509BLKA34	1,1-Dichloroethene	2/6/2009	1	0.24	U	UG/L
			LB	020509BLKA34	1,1-Dichloropropene	2/6/2009	1	0.19	U	UG/L
			LB	020509BLKA34	1,2,3-Trichlorobenzene	2/6/2009	1.2	0.61	U	UG/L
			LB	020509BLKA34	1,2,3-Trichloropropane	2/6/2009	1.5	0.76	U	UG/L
			LB	020509BLKA34	1,2,4-Trichlorobenzene	2/6/2009	1	0.5	U	UG/L
			LB	020509BLKA34	1,2,4-Trimethylbenzene	2/6/2009	1	0.17	U	UG/L
			LB	020509BLKA34	1,2-Dibromo-3-chloropropane	2/6/2009	5	1.4	U	UG/L
			LB	020509BLKA34	1,2-Dibromoethane(EDB)	2/6/2009	1	0.33	U	UG/L
			LB	020509BLKA34	1,2-Dichlorobenzene	2/6/2009	1	0.26	U	UG/L
			LB	020509BLKA34	1,2-Dichloroethane	2/6/2009	1	0.4	U	UG/L
			LB	020509BLKA34	1,2-Dichloropropane	2/6/2009	1	0.27	U	UG/L
			LB	020509BLKA34	1,3,5-Trimethylbenzene	2/6/2009	1	0.22	U	UG/L
			LB	020509BLKA34	1,3-Dichlorobenzene	2/6/2009	1	0.14	U	UG/L
			LB	020509BLKA34	1,3-Dichloropropane	2/6/2009	1	0.19	U	UG/L
			LB	020509BLKA34	1,4-Dichlorobenzene	2/6/2009	1	0.24	U	UG/L
			LB	020509BLKA34	2,2-Dichloropropane	2/6/2009	5	0.32	U	UG/L
			LB	020509BLKA34	2-Butanone	2/6/2009	6	1	U	UG/L
			LB	020509BLKA34	2-Chlorotoluene	2/6/2009	1	0.32	U	UG/L
			LB	020509BLKA34	2-Hexanone	2/6/2009	5	0.8	U	UG/L
			LB	020509BLKA34	4-Chlorotoluene	2/6/2009	1	0.12	U	UG/L
			LB	020509BLKA34	4-Isopropyltoluene	2/6/2009	1	0.24	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511696										
	SW8260B	WATER	LB	020509BLKA34	4-Methyl-2-pentanone	2/6/2009	5	0.61	U	UG/L
			LB	020509BLKA34	Acetone	2/6/2009	10	3.6	U	UG/L
			LB	020509BLKA34	Benzene	2/6/2009	1	0.16	U	UG/L
			LB	020509BLKA34	Bromobenzene	2/6/2009	1	0.27	U	UG/L
			LB	020509BLKA34	Bromochloromethane	2/6/2009	1	0.38	U	UG/L
			LB	020509BLKA34	Bromodichloromethane	2/6/2009	1	0.15	U	UG/L
			LB	020509BLKA34	Bromoform	2/6/2009	1	0.35	U	UG/L
			LB	020509BLKA34	Bromomethane	2/6/2009	2	0.76	U	UG/L
			LB	020509BLKA34	Carbon disulfide	2/6/2009	2	0.29	U	UG/L
			LB	020509BLKA34	Carbon tetrachloride	2/6/2009	1	0.33	U	UG/L
			LB	020509BLKA34	Chlorobenzene	2/6/2009	1	0.18	U	UG/L
			LB	020509BLKA34	Chloroethane	2/6/2009	2	0.99	U	UG/L
			LB	020509BLKA34	Chloroform	2/6/2009	1	0.29	U	UG/L
			LB	020509BLKA34	Chloromethane	2/6/2009	2	0.68	U	UG/L
			LB	020509BLKA34	cis-1,2-Dichloroethene	2/6/2009	1	0.29	U	UG/L
			LB	020509BLKA34	cis-1,3-Dichloropropene	2/6/2009	1	0.23	U	UG/L
			LB	020509BLKA34	Dibromochloromethane	2/6/2009	1	0.34	U	UG/L
			LB	020509BLKA34	Dibromomethane	2/6/2009	1.1	0.53	U	UG/L
			LB	020509BLKA34	Dichlorodifluoromethane	2/6/2009	2	0.19	U	UG/L
			LB	020509BLKA34	Ethylbenzene	2/6/2009	1	0.43	U	UG/L
			LB	020509BLKA34	Hexachlorobutadiene	2/6/2009	1	0.4	U	UG/L
			LB	020509BLKA34	Isopropylbenzene (Cumene)	2/6/2009	1	0.41	U	UG/L
			LB	020509BLKA34	Methylene chloride	2/6/2009	5	0.52	U	UG/L
			LB	020509BLKA34	MTBE	2/6/2009	5	0.26	U	UG/L
			LB	020509BLKA34	Naphthalene	2/6/2009	1	0.32	U	UG/L
			LB	020509BLKA34	n-Butylbenzene	2/6/2009	1	0.22	U	UG/L
			LB	020509BLKA34	n-Propylbenzene	2/6/2009	1	0.28	U	UG/L
			LB	020509BLKA34	o-Xylene	2/6/2009	1	0.2	U	UG/L
			LB	020509BLKA34	p,m-Xylene	2/6/2009	2	0.27	U	UG/L
			LB	020509BLKA34	sec-Butylbenzene	2/6/2009	1	0.2	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511696										
	SW8260B	WATER	LB	020509BLKA34	Styrene	2/6/2009	1	0.2	U	UG/L
			LB	020509BLKA34	tert-Butylbenzene	2/6/2009	1	0.28	U	UG/L
			LB	020509BLKA34	Tetrachloroethene	2/6/2009	1	0.35	U	UG/L
			LB	020509BLKA34	Toluene	2/6/2009	1	0.22	U	UG/L
			LB	020509BLKA34	trans-1,2-Dichloroethene	2/6/2009	1	0.23	U	UG/L
			LB	020509BLKA34	trans-1,3-Dichloropropene	2/6/2009	1	0.15	U	UG/L
			LB	020509BLKA34	Trichloroethene	2/6/2009	1	0.42	U	UG/L
			LB	020509BLKA34	Trichlorofluoromethane	2/6/2009	2	0.25	U	UG/L
			LB	020509BLKA34	Vinyl chloride	2/6/2009	1	0.28	U	UG/L
			LB	020509BLKA34	Xylene (total)	2/6/2009	3	0.27	U	UG/L
	SW8270C		LB	5733BLK	1,2-Dichlorobenzene	2/6/2009	10	2.6	U	UG/L
			LB	5733BLK	1,3-Dinitrobenzene	2/6/2009	10	2.5	U	UG/L
			LB	5733BLK	2,4,5-Trichlorophenol	2/6/2009	20	3.4	U	UG/L
			LB	5733BLK	2,4,6-Trichlorophenol	2/6/2009	20	3.6	U	UG/L
			LB	5733BLK	2,4-Dimethylphenol	2/6/2009	10	2.3	U	UG/L
			LB	5733BLK	2,4-Dinitrophenol	2/6/2009	60	5.6	U	UG/L
			LB	5733BLK	2,4-Dinitrotoluene	2/6/2009	20	2.8	U	UG/L
			LB	5733BLK	2,6-Dinitrotoluene	2/6/2009	20	2.8	U	UG/L
			LB	5733BLK	2-Chloronaphthalene	2/6/2009	10	2.8	U	UG/L
			LB	5733BLK	2-Chlorophenol	2/6/2009	10	2.9	U	UG/L
			LB	5733BLK	2-Methyl-4,6-dinitrophenol	2/6/2009	60	3.3	U	UG/L
			LB	5733BLK	2-Methylnaphthalene	2/6/2009	10	2.8	U	UG/L
			LB	5733BLK	2-Methylphenol (o-Cresol)	2/6/2009	10	2.6	U	UG/L
			LB	5733BLK	2-Nitroaniline	2/6/2009	50	3	U	UG/L
			LB	5733BLK	2-Nitrophenol	2/6/2009	20	3.4	U	UG/L
			LB	5733BLK	3,3'-Dichlorobenzidine	2/6/2009	20	2.7	U	UG/L
			LB	5733BLK	3-Nitroaniline	2/6/2009	50	2.8	U	UG/L
			LB	5733BLK	4-Bromophenyl-phenylether	2/6/2009	10	2.3	U	UG/L
			LB	5733BLK	4-Chloro-3-methylphenol	2/6/2009	20	2.7	U	UG/L
			LB	5733BLK	4-Chloroaniline	2/6/2009	20	3	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511696										
	SW8270C	WATER	LB	5733BLK	4-Chlorophenyl-phenylether	2/6/2009	10	2.5	U	UG/L
			LB	5733BLK	4-Methylphenol	2/6/2009	20	6.1	U	UG/L
			LB	5733BLK	4-Nitroaniline	2/6/2009	10	2.8	U	UG/L
			LB	5733BLK	4-Nitrophenol	2/6/2009	50	2.9	U	UG/L
			LB	5733BLK	Acenaphthene	2/6/2009	10	2.8	U	UG/L
			LB	5733BLK	Acenaphthylene	2/6/2009	10	3	U	UG/L
			LB	5733BLK	Anthracene	2/6/2009	10	2.8	U	UG/L
			LB	5733BLK	Benzidine	2/6/2009	150	20	U	UG/L
			LB	5733BLK	Benzo(a)anthracene	2/6/2009	10	2.6	U	UG/L
			LB	5733BLK	Benzo(a)pyrene	2/6/2009	10	2.8	U	UG/L
			LB	5733BLK	Benzo(b)fluoranthene	2/6/2009	10	2.6	U	UG/L
			LB	5733BLK	Benzo(g,h,i)perylene	2/6/2009	10	2.6	U	UG/L
			LB	5733BLK	Benzo(k)fluoranthene	2/6/2009	10	2.9	U	UG/L
			LB	5733BLK	Benzoic acid	2/6/2009	60	14	U	UG/L
			LB	5733BLK	Bis(2-Chloroethoxy)methane	2/6/2009	10	3.5	U	UG/L
			LB	5733BLK	Bis(2-Chloroethyl)ether	2/6/2009	10	3	U	UG/L
			LB	5733BLK	bis(2-ethylhexyl)phthalate	2/6/2009	10	4.4	U	UG/L
			LB	5733BLK	Butylbenzylphthalate	2/6/2009	20	3	U	UG/L
			LB	5733BLK	Chrysene	2/6/2009	10	2.9	U	UG/L
			LB	5733BLK	Dibenz(a,h)anthracene	2/6/2009	10	2.7	U	UG/L
			LB	5733BLK	Dibenzofuran	2/6/2009	10	2.7	U	UG/L
			LB	5733BLK	Diethylphthalate	2/6/2009	10	2.8	U	UG/L
			LB	5733BLK	Dimethyl-phthalate	2/6/2009	10	3	U	UG/L
			LB	5733BLK	Di-n-butylphthalate	2/6/2009	20	2.9	U	UG/L
			LB	5733BLK	Di-n-octylphthalate	2/6/2009	20	2.8	U	UG/L
			LB	5733BLK	Fluoranthene	2/6/2009	20	2.8	U	UG/L
			LB	5733BLK	Fluorene	2/6/2009	10	2.9	U	UG/L
			LB	5733BLK	Hexachlorobenzene	2/6/2009	10	0.41	U	UG/L
			LB	5733BLK	Hexachlorobutadiene	2/6/2009	10	2.5	U	UG/L
			LB	5733BLK	Hexachlorocyclopentadiene	2/6/2009	10	2.2	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511696										
	SW8270C	WATER	LB	5733BLK	Hexachloroethane	2/6/2009	10	2.6	U	UG/L
			LB	5733BLK	Indeno(1,2,3-cd)pyrene	2/6/2009	10	2.6	U	UG/L
			LB	5733BLK	Naphthalene	2/6/2009	10	2.8	U	UG/L
			LB	5733BLK	Nitrobenzene	2/6/2009	20	2.8	U	UG/L
			LB	5733BLK	N-Nitroso-di-n-propylamine	2/6/2009	20	3	U	UG/L
			LB	5733BLK	N-Nitrosodiphenylamine	2/6/2009	10	3.4	U	UG/L
			LB	5733BLK	Pentachlorophenol	2/6/2009	60	2.6	U	UG/L
			LB	5733BLK	Phenanthrene	2/6/2009	10	2.8	U	UG/L
			LB	5733BLK	Phenol	2/6/2009	10	1.7	U	UG/L
			LB	5733BLK	Pyrene	2/6/2009	10	2.9	U	UG/L
	SW8310		LB	745MB	1-Methylnaphthalene	2/5/2009	1	0.033	U	UG/L
			LB	745MB	2-Methylnaphthalene	2/5/2009	1	0.068	U	UG/L
			LB	745MB	Acenaphthene	2/5/2009	1	0.033	U	UG/L
			LB	745MB	Acenaphthylene	2/5/2009	1	0.028	U	UG/L
			LB	745MB	Anthracene	2/5/2009	0.3	0.012	U	UG/L
			LB	745MB	Benzo(a)anthracene	2/5/2009	0.2	0.03	U	UG/L
			LB	745MB	Benzo(a)pyrene	2/5/2009	0.2	0.033	U	UG/L
			LB	745MB	Benzo(b)fluoranthene	2/5/2009	0.2	0.032	U	UG/L
			LB	745MB	Benzo(g,h,i)perylene	2/5/2009	0.2	0.029	U	UG/L
			LB	745MB	Benzo(k)fluoranthene	2/5/2009	0.15	0.074	U	UG/L
			LB	745MB	Chrysene	2/5/2009	0.2	0.087	U	UG/L
			LB	745MB	Dibenz(a,h)anthracene	2/5/2009	0.3	0.036	U	UG/L
			LB	745MB	Fluoranthene	2/5/2009	0.4	0.035	U	UG/L
			LB	745MB	Fluorene	2/5/2009	0.3	0.019	U	UG/L
			LB	745MB	Indeno(1,2,3-cd)pyrene	2/5/2009	0.2	0.02	U	UG/L
			LB	745MB	Naphthalene	2/5/2009	1	0.042	U	UG/L
			LB	745MB	Phenanthrene	2/5/2009	0.3	0.039	U	UG/L
			LB	745MB	Pyrene	2/5/2009	0.2	0.038	U	UG/L
2511758										
	E300	WATER	LB	694375MB	Nitrate	2/12/2009	10	0.015	U	MG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511758										
	E300	WATER	LB	694365MB	Nitrate	2/11/2009	10	0.015	U	MG/L
			LB	694365MB	Sulfate	2/11/2009	1	0.074	U	MG/L
			LB	694375MB	Sulfate	2/12/2009	1	0.074	U	MG/L
	SW6010B		LB	278731BLK	Iron, dissolved	2/13/2009	0.0113	0.006	J	MG/L
			LB	278731BLK	Manganese, dissolved	2/13/2009	0.01	0.0004	U	MG/L
	SW8011		LB	778BLK	1,2-Dibromo-3-chloropropane	2/12/2009	0.02	0.008	U	UG/L
			LB	778BLK	1,2-Dibromoethane(EDB)	2/12/2009	0.02	0.01	U	UG/L
	SW8015-E		LB	5792BLK	TPH C10-C28	2/17/2009	110	50	J	UG/L
	SW8015-P		LB	0223BLK1	TPH C6-C10	2/23/2009	64	32	U	UG/L
			TB	ST106-TB-10022009	TPH C6-C10	2/23/2009	64	32	U	UG/L
	SW8260B		LB	022009BLKA32	1,1,1,2-Tetrachloroethane	2/20/2009	1	0.25	U	UG/L
			LB	021909BLKA32	1,1,1,2-Tetrachloroethane	2/19/2009	1	0.25	U	UG/L
			LB	021909BLKA32	1,1,1-Trichloroethane	2/19/2009	1	0.16	U	UG/L
			LB	022009BLKA32	1,1,1-Trichloroethane	2/20/2009	1	0.16	U	UG/L
			LB	022009BLKA32	1,1,2,2-Tetrachloroethane	2/20/2009	1	0.26	U	UG/L
			LB	021909BLKA32	1,1,2,2-Tetrachloroethane	2/19/2009	1	0.26	U	UG/L
			LB	021909BLKA32	1,1,2-Trichloroethane	2/19/2009	1	0.28	U	UG/L
			LB	022009BLKA32	1,1,2-Trichloroethane	2/20/2009	1	0.28	U	UG/L
			LB	021909BLKA32	1,1-Dichloroethane	2/19/2009	1	0.22	U	UG/L
			LB	022009BLKA32	1,1-Dichloroethane	2/20/2009	1	0.22	U	UG/L
			LB	022009BLKA32	1,1-Dichloroethene	2/20/2009	1	0.24	U	UG/L
			LB	021909BLKA32	1,1-Dichloroethene	2/19/2009	1	0.24	U	UG/L
			LB	021909BLKA32	1,1-Dichloropropene	2/19/2009	1	0.19	U	UG/L
			LB	022009BLKA32	1,1-Dichloropropene	2/20/2009	1	0.19	U	UG/L
			LB	021909BLKA32	1,2,3-Trichlorobenzene	2/19/2009	1.2	0.61	U	UG/L
			LB	022009BLKA32	1,2,3-Trichlorobenzene	2/20/2009	1.2	0.61	U	UG/L
			LB	021909BLKA32	1,2,3-Trichloropropane	2/19/2009	1.5	0.76	U	UG/L
			LB	022009BLKA32	1,2,3-Trichloropropane	2/20/2009	1.5	0.76	U	UG/L
			LB	022009BLKA32	1,2,4-Trichlorobenzene	2/20/2009	1	0.5	U	UG/L
			LB	021909BLKA32	1,2,4-Trichlorobenzene	2/19/2009	1	0.5	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511758										
	SW8260B	WATER	LB	021909BLKA32	1,2,4-Trimethylbenzene	2/19/2009	1	0.17	U	UG/L
			LB	022009BLKA32	1,2,4-Trimethylbenzene	2/20/2009	1	0.17	U	UG/L
			LB	021909BLKA32	1,2-Dibromo-3-chloropropane	2/19/2009	5	1.4	U	UG/L
			LB	022009BLKA32	1,2-Dibromo-3-chloropropane	2/20/2009	5	1.4	U	UG/L
			LB	022009BLKA32	1,2-Dibromoethane(EDB)	2/20/2009	1	0.33	U	UG/L
			LB	021909BLKA32	1,2-Dibromoethane(EDB)	2/19/2009	1	0.33	U	UG/L
			LB	022009BLKA32	1,2-Dichlorobenzene	2/20/2009	1	0.26	U	UG/L
			LB	021909BLKA32	1,2-Dichlorobenzene	2/19/2009	1	0.26	U	UG/L
			LB	021909BLKA32	1,2-Dichloroethane	2/19/2009	1	0.4	U	UG/L
			LB	022009BLKA32	1,2-Dichloroethane	2/20/2009	1	0.4	U	UG/L
			LB	022009BLKA32	1,2-Dichloropropane	2/20/2009	1	0.27	U	UG/L
			LB	021909BLKA32	1,2-Dichloropropane	2/19/2009	1	0.27	U	UG/L
			LB	021909BLKA32	1,3,5-Trimethylbenzene	2/19/2009	1	0.22	U	UG/L
			LB	022009BLKA32	1,3,5-Trimethylbenzene	2/20/2009	1	0.22	U	UG/L
			LB	022009BLKA32	1,3-Dichlorobenzene	2/20/2009	1	0.14	U	UG/L
			LB	021909BLKA32	1,3-Dichlorobenzene	2/19/2009	1	0.14	U	UG/L
			LB	022009BLKA32	1,3-Dichloropropane	2/20/2009	1	0.19	U	UG/L
			LB	021909BLKA32	1,3-Dichloropropane	2/19/2009	1	0.19	U	UG/L
			LB	022009BLKA32	1,4-Dichlorobenzene	2/20/2009	1	0.24	U	UG/L
			LB	021909BLKA32	1,4-Dichlorobenzene	2/19/2009	1	0.24	U	UG/L
			LB	022009BLKA32	2,2-Dichloropropane	2/20/2009	5	0.32	U	UG/L
			LB	021909BLKA32	2,2-Dichloropropane	2/19/2009	5	0.32	U	UG/L
			LB	022009BLKA32	2-Butanone	2/20/2009	6	1	U	UG/L
			LB	021909BLKA32	2-Butanone	2/19/2009	6	1	U	UG/L
			LB	022009BLKA32	2-Chlorotoluene	2/20/2009	1	0.32	U	UG/L
			LB	021909BLKA32	2-Chlorotoluene	2/19/2009	1	0.32	U	UG/L
			LB	021909BLKA32	2-Hexanone	2/19/2009	5	0.8	U	UG/L
			LB	022009BLKA32	2-Hexanone	2/20/2009	5	0.8	U	UG/L
			LB	021909BLKA32	4-Chlorotoluene	2/19/2009	1	0.12	U	UG/L
			LB	022009BLKA32	4-Chlorotoluene	2/20/2009	1	0.12	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511758										
	SW8260B	WATER	LB	021909BLKA32	4-Isopropyltoluene	2/19/2009	1	0.24	U	UG/L
			LB	022009BLKA32	4-Isopropyltoluene	2/20/2009	1	0.24	U	UG/L
			LB	021909BLKA32	4-Methyl-2-pentanone	2/19/2009	5	0.61	U	UG/L
			LB	022009BLKA32	4-Methyl-2-pentanone	2/20/2009	5	0.61	U	UG/L
			LB	022009BLKA32	Acetone	2/20/2009	10	3.6	U	UG/L
			LB	021909BLKA32	Acetone	2/19/2009	10	3.6	U	UG/L
			LB	021909BLKA32	Benzene	2/19/2009	1	0.16	U	UG/L
			LB	022009BLKA32	Benzene	2/20/2009	1	0.16	U	UG/L
			LB	022009BLKA32	Bromobenzene	2/20/2009	1	0.27	U	UG/L
			LB	021909BLKA32	Bromobenzene	2/19/2009	1	0.27	U	UG/L
			LB	021909BLKA32	Bromochloromethane	2/19/2009	1	0.38	U	UG/L
			LB	022009BLKA32	Bromochloromethane	2/20/2009	1	0.38	U	UG/L
			LB	021909BLKA32	Bromodichloromethane	2/19/2009	1	0.15	U	UG/L
			LB	022009BLKA32	Bromodichloromethane	2/20/2009	1	0.15	U	UG/L
			LB	021909BLKA32	Bromoform	2/19/2009	1	0.35	U	UG/L
			LB	022009BLKA32	Bromoform	2/20/2009	1	0.35	U	UG/L
			LB	022009BLKA32	Bromomethane	2/20/2009	2	0.76	U	UG/L
			LB	021909BLKA32	Bromomethane	2/19/2009	2	0.76	U	UG/L
			LB	021909BLKA32	Carbon disulfide	2/19/2009	2	0.29	U	UG/L
			LB	022009BLKA32	Carbon disulfide	2/20/2009	2	0.29	U	UG/L
			LB	021909BLKA32	Carbon tetrachloride	2/19/2009	1	0.33	U	UG/L
			LB	022009BLKA32	Carbon tetrachloride	2/20/2009	1	0.33	U	UG/L
			LB	021909BLKA32	Chlorobenzene	2/19/2009	1	0.18	U	UG/L
			LB	022009BLKA32	Chlorobenzene	2/20/2009	1	0.18	U	UG/L
			LB	021909BLKA32	Chloroethane	2/19/2009	2	0.99	U	UG/L
			LB	022009BLKA32	Chloroethane	2/20/2009	2	0.99	U	UG/L
			LB	022009BLKA32	Chloroform	2/20/2009	1	0.29	U	UG/L
			LB	021909BLKA32	Chloroform	2/19/2009	1	0.29	U	UG/L
			LB	021909BLKA32	Chloromethane	2/19/2009	2	0.68	U	UG/L
			LB	022009BLKA32	Chloromethane	2/20/2009	2	0.68	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511758										
	SW8260B	WATER	LB	022009BLKA32	cis-1,2-Dichloroethene	2/20/2009	1	0.29	U	UG/L
			LB	021909BLKA32	cis-1,2-Dichloroethene	2/19/2009	1	0.29	U	UG/L
			LB	021909BLKA32	cis-1,3-Dichloropropene	2/19/2009	1	0.23	U	UG/L
			LB	022009BLKA32	cis-1,3-Dichloropropene	2/20/2009	1	0.23	U	UG/L
			LB	022009BLKA32	Dibromochloromethane	2/20/2009	1	0.34	U	UG/L
			LB	021909BLKA32	Dibromochloromethane	2/19/2009	1	0.34	U	UG/L
			LB	022009BLKA32	Dibromomethane	2/20/2009	1.1	0.53	U	UG/L
			LB	021909BLKA32	Dibromomethane	2/19/2009	1.1	0.53	U	UG/L
			LB	022009BLKA32	Dichlorodifluoromethane	2/20/2009	2	0.19	U	UG/L
			LB	021909BLKA32	Dichlorodifluoromethane	2/19/2009	2	0.19	U	UG/L
			LB	022009BLKA32	Ethylbenzene	2/20/2009	1	0.43	U	UG/L
			LB	021909BLKA32	Ethylbenzene	2/19/2009	1	0.43	U	UG/L
			LB	022009BLKA32	Hexachlorobutadiene	2/20/2009	1	0.4	U	UG/L
			LB	021909BLKA32	Hexachlorobutadiene	2/19/2009	1	0.4	U	UG/L
			LB	022009BLKA32	Isopropylbenzene (Cumene)	2/20/2009	1	0.41	U	UG/L
			LB	021909BLKA32	Isopropylbenzene (Cumene)	2/19/2009	1	0.41	U	UG/L
			LB	021909BLKA32	Methylene chloride	2/19/2009	5	0.52	U	UG/L
			LB	022009BLKA32	Methylene chloride	2/20/2009	5	0.52	U	UG/L
			LB	021909BLKA32	MTBE	2/19/2009	5	0.26	U	UG/L
			LB	022009BLKA32	MTBE	2/20/2009	5	0.26	U	UG/L
			LB	021909BLKA32	Naphthalene	2/19/2009	1	0.32	U	UG/L
			LB	022009BLKA32	Naphthalene	2/20/2009	1	0.32	U	UG/L
			LB	022009BLKA32	n-Butylbenzene	2/20/2009	1	0.22	U	UG/L
			LB	021909BLKA32	n-Butylbenzene	2/19/2009	1	0.22	U	UG/L
			LB	022009BLKA32	n-Propylbenzene	2/20/2009	1	0.28	U	UG/L
			LB	021909BLKA32	n-Propylbenzene	2/19/2009	1	0.28	U	UG/L
			LB	022009BLKA32	o-Xylene	2/20/2009	1	0.2	U	UG/L
			LB	021909BLKA32	o-Xylene	2/19/2009	1	0.2	U	UG/L
			LB	022009BLKA32	p,m-Xylene	2/20/2009	2	0.27	U	UG/L
			LB	021909BLKA32	p,m-Xylene	2/19/2009	2	0.27	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511758										
	SW8260B	WATER	LB	022009BLKA32	sec-Butylbenzene	2/20/2009	1	0.2	U	UG/L
			LB	021909BLKA32	sec-Butylbenzene	2/19/2009	1	0.2	U	UG/L
			LB	022009BLKA32	Styrene	2/20/2009	1	0.2	U	UG/L
			LB	021909BLKA32	Styrene	2/19/2009	1	0.2	U	UG/L
			LB	022009BLKA32	tert-Butylbenzene	2/20/2009	1	0.28	U	UG/L
			LB	021909BLKA32	tert-Butylbenzene	2/19/2009	1	0.28	U	UG/L
			LB	021909BLKA32	Tetrachloroethene	2/19/2009	1	0.35	U	UG/L
			LB	022009BLKA32	Tetrachloroethene	2/20/2009	1	0.35	U	UG/L
			LB	021909BLKA32	Toluene	2/19/2009	1	0.22	U	UG/L
			LB	022009BLKA32	Toluene	2/20/2009	1	0.22	U	UG/L
			LB	021909BLKA32	trans-1,2-Dichloroethene	2/19/2009	1	0.23	U	UG/L
			LB	022009BLKA32	trans-1,2-Dichloroethene	2/20/2009	1	0.23	U	UG/L
			LB	021909BLKA32	trans-1,3-Dichloropropene	2/19/2009	1	0.15	U	UG/L
			LB	022009BLKA32	trans-1,3-Dichloropropene	2/20/2009	1	0.15	U	UG/L
			LB	021909BLKA32	Trichloroethene	2/19/2009	1	0.42	U	UG/L
			LB	022009BLKA32	Trichloroethene	2/20/2009	1	0.42	U	UG/L
			LB	022009BLKA32	Trichlorofluoromethane	2/20/2009	2	0.25	U	UG/L
			LB	021909BLKA32	Trichlorofluoromethane	2/19/2009	2	0.25	U	UG/L
			LB	021909BLKA32	Vinyl chloride	2/19/2009	1	0.28	U	UG/L
			LB	022009BLKA32	Vinyl chloride	2/20/2009	1	0.28	U	UG/L
			LB	021909BLKA32	Xylene (total)	2/19/2009	3	0.27	U	UG/L
			LB	022009BLKA32	Xylene (total)	2/20/2009	3	0.27	U	UG/L
			TB	ST106-TB-10022009	1,1,1,2-Tetrachloroethane	2/19/2009	1	0.25	U	UG/L
			TB	ST106-TB-10022009	1,1,1-Trichloroethane	2/19/2009	1	0.16	U	UG/L
			TB	ST106-TB-10022009	1,1,2,2-Tetrachloroethane	2/19/2009	1	0.26	U	UG/L
			TB	ST106-TB-10022009	1,1,2-Trichloroethane	2/19/2009	1	0.28	U	UG/L
			TB	ST106-TB-10022009	1,1-Dichloroethane	2/19/2009	1	0.22	U	UG/L
			TB	ST106-TB-10022009	1,1-Dichloroethene	2/19/2009	1	0.24	U	UG/L
			TB	ST106-TB-10022009	1,1-Dichloropropene	2/19/2009	1	0.19	U	UG/L
			TB	ST106-TB-10022009	1,2,3-Trichlorobenzene	2/19/2009	1.2	0.61	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511758										
	SW8260B	WATER	TB	ST106-TB-10022009	1,2,3-Trichloropropane	2/19/2009	1.5	0.76	U	UG/L
			TB	ST106-TB-10022009	1,2,4-Trichlorobenzene	2/19/2009	1	0.5	U	UG/L
			TB	ST106-TB-10022009	1,2,4-Trimethylbenzene	2/19/2009	1	0.17	U	UG/L
			TB	ST106-TB-10022009	1,2-Dibromo-3-chloropropane	2/19/2009	5	1.4	U	UG/L
			TB	ST106-TB-10022009	1,2-Dibromoethane(EDB)	2/19/2009	1	0.33	U	UG/L
			TB	ST106-TB-10022009	1,2-Dichlorobenzene	2/19/2009	1	0.26	U	UG/L
			TB	ST106-TB-10022009	1,2-Dichloroethane	2/19/2009	1	0.4	U	UG/L
			TB	ST106-TB-10022009	1,2-Dichloropropane	2/19/2009	1	0.27	U	UG/L
			TB	ST106-TB-10022009	1,3,5-Trimethylbenzene	2/19/2009	1	0.22	U	UG/L
			TB	ST106-TB-10022009	1,3-Dichlorobenzene	2/19/2009	1	0.14	U	UG/L
			TB	ST106-TB-10022009	1,3-Dichloropropane	2/19/2009	1	0.19	U	UG/L
			TB	ST106-TB-10022009	1,4-Dichlorobenzene	2/19/2009	1	0.24	U	UG/L
			TB	ST106-TB-10022009	2,2-Dichloropropane	2/19/2009	5	0.32	U	UG/L
			TB	ST106-TB-10022009	2-Butanone	2/19/2009	6	1	U	UG/L
			TB	ST106-TB-10022009	2-Chlorotoluene	2/19/2009	1	0.32	U	UG/L
			TB	ST106-TB-10022009	2-Hexanone	2/19/2009	5	0.8	U	UG/L
			TB	ST106-TB-10022009	4-Chlorotoluene	2/19/2009	1	0.12	U	UG/L
			TB	ST106-TB-10022009	4-Isopropyltoluene	2/19/2009	1	0.24	U	UG/L
			TB	ST106-TB-10022009	4-Methyl-2-pentanone	2/19/2009	5	0.61	U	UG/L
			TB	ST106-TB-10022009	Acetone	2/19/2009	10	3.6	U	UG/L
			TB	ST106-TB-10022009	Benzene	2/19/2009	1	0.16	U	UG/L
			TB	ST106-TB-10022009	Bromobenzene	2/19/2009	1	0.27	U	UG/L
			TB	ST106-TB-10022009	Bromochloromethane	2/19/2009	1	0.38	U	UG/L
			TB	ST106-TB-10022009	Bromodichloromethane	2/19/2009	1	0.15	U	UG/L
			TB	ST106-TB-10022009	Bromoform	2/19/2009	1	0.35	U	UG/L
			TB	ST106-TB-10022009	Bromomethane	2/19/2009	2	0.76	U	UG/L
			TB	ST106-TB-10022009	Carbon disulfide	2/19/2009	2	0.29	U	UG/L
			TB	ST106-TB-10022009	Carbon tetrachloride	2/19/2009	1	0.33	U	UG/L
			TB	ST106-TB-10022009	Chlorobenzene	2/19/2009	1	0.18	U	UG/L
			TB	ST106-TB-10022009	Chloroethane	2/19/2009	2	0.99	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511758										
	SW8260B	WATER	TB	ST106-TB-10022009	Chloroform	2/19/2009	1	0.29	U	UG/L
			TB	ST106-TB-10022009	Chloromethane	2/19/2009	2	0.68	U	UG/L
			TB	ST106-TB-10022009	cis-1,2-Dichloroethene	2/19/2009	1	0.29	U	UG/L
			TB	ST106-TB-10022009	cis-1,3-Dichloropropene	2/19/2009	1	0.23	U	UG/L
			TB	ST106-TB-10022009	Dibromochloromethane	2/19/2009	1	0.34	U	UG/L
			TB	ST106-TB-10022009	Dibromomethane	2/19/2009	1.1	0.53	U	UG/L
			TB	ST106-TB-10022009	Dichlorodifluoromethane	2/19/2009	2	0.19	U	UG/L
			TB	ST106-TB-10022009	Ethylbenzene	2/19/2009	1	0.43	U	UG/L
			TB	ST106-TB-10022009	Hexachlorobutadiene	2/19/2009	1	0.4	U	UG/L
			TB	ST106-TB-10022009	Isopropylbenzene (Cumene)	2/19/2009	1	0.41	U	UG/L
			TB	ST106-TB-10022009	Methylene chloride	2/19/2009	1.3	0.52	J	UG/L
			TB	ST106-TB-10022009	MTBE	2/19/2009	5	0.26	U	UG/L
			TB	ST106-TB-10022009	Naphthalene	2/19/2009	1	0.32	U	UG/L
			TB	ST106-TB-10022009	n-Butylbenzene	2/19/2009	1	0.22	U	UG/L
			TB	ST106-TB-10022009	n-Propylbenzene	2/19/2009	1	0.28	U	UG/L
			TB	ST106-TB-10022009	o-Xylene	2/19/2009	1	0.2	U	UG/L
			TB	ST106-TB-10022009	p,m-Xylene	2/19/2009	2	0.27	U	UG/L
			TB	ST106-TB-10022009	sec-Butylbenzene	2/19/2009	1	0.2	U	UG/L
			TB	ST106-TB-10022009	Styrene	2/19/2009	1	0.2	U	UG/L
			TB	ST106-TB-10022009	tert-Butylbenzene	2/19/2009	1	0.28	U	UG/L
			TB	ST106-TB-10022009	Tetrachloroethene	2/19/2009	1	0.35	U	UG/L
			TB	ST106-TB-10022009	Toluene	2/19/2009	1	0.22	U	UG/L
			TB	ST106-TB-10022009	trans-1,2-Dichloroethene	2/19/2009	1	0.23	U	UG/L
			TB	ST106-TB-10022009	trans-1,3-Dichloropropene	2/19/2009	1	0.15	U	UG/L
			TB	ST106-TB-10022009	Trichloroethene	2/19/2009	1	0.42	U	UG/L
			TB	ST106-TB-10022009	Trichlorofluoromethane	2/19/2009	2	0.25	U	UG/L
			TB	ST106-TB-10022009	Vinyl chloride	2/19/2009	1	0.28	U	UG/L
			TB	ST106-TB-10022009	Xylene (total)	2/19/2009	3	0.27	U	UG/L
	SW8270C		LB	5791BLK	1,2-Dichlorobenzene	2/20/2009	10	2.6	U	UG/L
			LB	5791BLK	1,3-Dinitrobenzene	2/20/2009	10	2.5	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511758										
	SW8270C	WATER	LB	5791BLK	2,4,5-Trichlorophenol	2/20/2009	20	3.4	U	UG/L
			LB	5791BLK	2,4,6-Trichlorophenol	2/20/2009	20	3.6	U	UG/L
			LB	5791BLK	2,4-Dimethylphenol	2/20/2009	10	2.3	U	UG/L
			LB	5791BLK	2,4-Dinitrophenol	2/20/2009	60	5.6	U	UG/L
			LB	5791BLK	2,4-Dinitrotoluene	2/20/2009	20	2.8	U	UG/L
			LB	5791BLK	2,6-Dinitrotoluene	2/20/2009	20	2.8	U	UG/L
			LB	5791BLK	2-Chloronaphthalene	2/20/2009	10	2.8	U	UG/L
			LB	5791BLK	2-Chlorophenol	2/20/2009	10	2.9	U	UG/L
			LB	5791BLK	2-Methyl-4,6-dinitrophenol	2/20/2009	60	3.3	U	UG/L
			LB	5791BLK	2-Methylnaphthalene	2/20/2009	10	2.8	U	UG/L
			LB	5791BLK	2-Methylphenol (o-Cresol)	2/20/2009	10	2.6	U	UG/L
			LB	5791BLK	2-Nitroaniline	2/20/2009	50	3	U	UG/L
			LB	5791BLK	2-Nitrophenol	2/20/2009	20	3.4	U	UG/L
			LB	5791BLK	3,3'-Dichlorobenzidine	2/20/2009	20	2.7	U	UG/L
			LB	5791BLK	3-Nitroaniline	2/20/2009	50	2.8	U	UG/L
			LB	5791BLK	4-Bromophenyl-phenylether	2/20/2009	10	2.3	U	UG/L
			LB	5791BLK	4-Chloro-3-methylphenol	2/20/2009	20	2.7	U	UG/L
			LB	5791BLK	4-Chloroaniline	2/20/2009	20	3	U	UG/L
			LB	5791BLK	4-Chlorophenyl-phenylether	2/20/2009	10	2.5	U	UG/L
			LB	5791BLK	4-Methylphenol	2/20/2009	20	6.1	U	UG/L
			LB	5791BLK	4-Nitroaniline	2/20/2009	10	2.8	U	UG/L
			LB	5791BLK	4-Nitrophenol	2/20/2009	50	2.9	U	UG/L
			LB	5791BLK	Acenaphthene	2/20/2009	10	2.8	U	UG/L
			LB	5791BLK	Acenaphthylene	2/20/2009	10	3	U	UG/L
			LB	5791BLK	Anthracene	2/20/2009	10	2.8	U	UG/L
			LB	5791BLK	Benzidine	2/20/2009	150	20	U	UG/L
			LB	5791BLK	Benzo(a)anthracene	2/20/2009	10	2.6	U	UG/L
			LB	5791BLK	Benzo(a)pyrene	2/20/2009	10	2.8	U	UG/L
			LB	5791BLK	Benzo(b)fluoranthene	2/20/2009	10	2.6	U	UG/L
			LB	5791BLK	Benzo(g,h,i)perylene	2/20/2009	10	2.6	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511758										
	SW8270C	WATER	LB	5791BLK	Benzo(k)fluoranthene	2/20/2009	10	2.9	U	UG/L
			LB	5791BLK	Benzoic acid	2/20/2009	60	14	U	UG/L
			LB	5791BLK	Bis(2-Chloroethoxy)methane	2/20/2009	10	3.5	U	UG/L
			LB	5791BLK	Bis(2-Chloroethyl)ether	2/20/2009	10	3	U	UG/L
			LB	5791BLK	bis(2-ethylhexyl)phthalate	2/20/2009	10	4.4	U	UG/L
			LB	5791BLK	Butylbenzylphthalate	2/20/2009	20	3	U	UG/L
			LB	5791BLK	Chrysene	2/20/2009	10	2.9	U	UG/L
			LB	5791BLK	Dibenz(a,h)anthracene	2/20/2009	10	2.7	U	UG/L
			LB	5791BLK	Dibenzofuran	2/20/2009	10	2.7	U	UG/L
			LB	5791BLK	Diethylphthalate	2/20/2009	10	2.8	U	UG/L
			LB	5791BLK	Dimethyl-phthalate	2/20/2009	10	3	U	UG/L
			LB	5791BLK	Di-n-butylphthalate	2/20/2009	20	2.9	U	UG/L
			LB	5791BLK	Di-n-octylphthalate	2/20/2009	20	2.8	U	UG/L
			LB	5791BLK	Fluoranthene	2/20/2009	20	2.8	U	UG/L
			LB	5791BLK	Fluorene	2/20/2009	10	2.9	U	UG/L
			LB	5791BLK	Hexachlorobenzene	2/20/2009	10	0.41	U	UG/L
			LB	5791BLK	Hexachlorobutadiene	2/20/2009	10	2.5	U	UG/L
			LB	5791BLK	Hexachlorocyclopentadiene	2/20/2009	10	2.2	U	UG/L
			LB	5791BLK	Hexachloroethane	2/20/2009	10	2.6	U	UG/L
			LB	5791BLK	Indeno(1,2,3-cd)pyrene	2/20/2009	10	2.6	U	UG/L
			LB	5791BLK	Naphthalene	2/20/2009	10	2.8	U	UG/L
			LB	5791BLK	Nitrobenzene	2/20/2009	20	2.8	U	UG/L
			LB	5791BLK	N-Nitroso-di-n-propylamine	2/20/2009	20	3	U	UG/L
			LB	5791BLK	N-Nitrosodiphenylamine	2/20/2009	10	3.4	U	UG/L
			LB	5791BLK	Pentachlorophenol	2/20/2009	60	2.6	U	UG/L
			LB	5791BLK	Phenanthrene	2/20/2009	10	2.8	U	UG/L
			LB	5791BLK	Phenol	2/20/2009	10	1.7	U	UG/L
			LB	5791BLK	Pyrene	2/20/2009	10	2.9	U	UG/L
	SW8310		LB	795MB	1-Methylnaphthalene	2/18/2009	1	0.033	U	UG/L
			LB	795MB	2-Methylnaphthalene	2/18/2009	1	0.068	U	UG/L

TABLE 5
Blank Contamination
Sorted by SDG and Method

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
2511758										
	SW8310	WATER	LB	795MB	Acenaphthene	2/18/2009	1	0.033	U	UG/L
			LB	795MB	Acenaphthylene	2/18/2009	1	0.028	U	UG/L
			LB	795MB	Anthracene	2/18/2009	0.3	0.012	U	UG/L
			LB	795MB	Benzo(a)anthracene	2/18/2009	0.2	0.03	U	UG/L
			LB	795MB	Benzo(a)pyrene	2/18/2009	0.2	0.033	U	UG/L
			LB	795MB	Benzo(b)fluoranthene	2/18/2009	0.2	0.032	U	UG/L
			LB	795MB	Benzo(g,h,i)perylene	2/18/2009	0.2	0.029	U	UG/L
			LB	795MB	Benzo(k)fluoranthene	2/18/2009	0.15	0.074	U	UG/L
			LB	795MB	Chrysene	2/18/2009	0.2	0.087	U	UG/L
			LB	795MB	Dibenz(a,h)anthracene	2/18/2009	0.3	0.036	U	UG/L
			LB	795MB	Fluoranthene	2/18/2009	0.4	0.035	U	UG/L
			LB	795MB	Fluorene	2/18/2009	0.3	0.019	U	UG/L
			LB	795MB	Indeno(1,2,3-cd)pyrene	2/18/2009	0.2	0.02	U	UG/L
			LB	795MB	Naphthalene	2/18/2009	1	0.042	U	UG/L
			LB	795MB	Phenanthrene	2/18/2009	0.3	0.039	U	UG/L
			LB	795MB	Pyrene	2/18/2009	0.2	0.038	U	UG/L

*** Blank Type**

LB = Method Blank
EB = Equipment Blank
TB = Trip Blank
AB = Ambient Blank
FB = Field Blank

Qualifier Description
U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit (MDL).
F = The analyte was positively identified but the associated numerical value is below the reporting limit (RL).
none = A flag is not applied. This placeholder is for calculating QC criteria issues without flagging.

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
E300							
	686847	WATER	2511616	Nitrate	94.8	75	125
	686847		2511616	Sulfate	93.4	75	125
	686848		2511616	Nitrate	95.3	75	125
	686848		2511616	Sulfate	94.2	75	125
	687021		2511596	Nitrate	94.5	75	125
	687021		2511596	Sulfate	93	75	125
	687022		2511596	Nitrate	94.1	75	125
	687022		2511596	Sulfate	93.2	75	125
	687053		2511607	Nitrate	95.4	75	125
	687053		2511596	Nitrate	95.4	75	125
	687053		2511612	Nitrate	95.4	75	125
	687053		2511607	Sulfate	92.8	75	125
	687053		2511596	Sulfate	92.8	75	125
	687053		2511612	Sulfate	92.8	75	125
	687054		2511612	Nitrate	95.2	75	125
	687054		2511596	Nitrate	95.2	75	125
	687054		2511607	Nitrate	95.2	75	125
	687054		2511596	Sulfate	93.1	75	125
	687054		2511612	Sulfate	93.1	75	125
	687054		2511607	Sulfate	93.1	75	125
	687380		2511584	Nitrate	98.1	75	125
	687380		2511584	Sulfate	97.2	75	125
	687381		2511584	Nitrate	98.8	75	125
	687381		2511584	Sulfate	97.4	75	125
	690092		2511664	Nitrate	96.7	75	125
	690092		2511664	Sulfate	96.5	75	125
	690093		2511664	Nitrate	96.9	75	125
	690093		2511664	Sulfate	96.5	75	125
	690526		2511628	Nitrate	95.7	75	125
	690526		2511628	Sulfate	94.5	75	125
	690527		2511628	Nitrate	97.6	75	125
	690527		2511628	Sulfate	96.9	75	125
	690581		2511632	Nitrate	96.3	75	125
	690581		2511634	Nitrate	96.3	75	125
	690581		2511633	Nitrate	96.3	75	125
	690581		2511632	Sulfate	95.2	75	125
	690581		2511634	Sulfate	95.2	75	125
	690581		2511633	Sulfate	95.2	75	125
	690582		2511633	Nitrate	96.4	75	125
	690582		2511634	Nitrate	96.4	75	125
	690582		2511632	Nitrate	96.4	75	125
	690582		2511632	Sulfate	96.2	75	125

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
E300							
	690582	WATER	2511633	Sulfate	96.2	75	125
	690582		2511634	Sulfate	96.2	75	125
	691270		2511584	Nitrate	94.3	75	125
	691270		2511607	Nitrate	92	75	125
	691270		2511584	Sulfate	94	75	125
	691270		2511607	Sulfate	91.8	75	125
	691271		2511607	Nitrate	93.2	75	125
	691271		2511584	Nitrate	95.6	75	125
	691271		2511607	Sulfate	92.6	75	125
	691271		2511584	Sulfate	95	75	125
	691325		2511696	Nitrate	93.6	75	125
	691325		2511696	Sulfate	92.2	75	125
	691326		2511696	Nitrate	94	75	125
	691326		2511696	Sulfate	94	75	125
	693419		2511696	Nitrate	96.5	75	125
	693419		2511696	Sulfate	95.2	75	125
	693420		2511696	Nitrate	99.5	75	125
	693420		2511696	Sulfate	96.1	75	125
	694366		2511758	Nitrate	98.4	75	125
	694366		2511758	Sulfate	97.2	75	125
	694367		2511758	Nitrate	97.9	75	125
	694367		2511758	Sulfate	98	75	125
	694376		2511758	Nitrate	99	75	125
	694376		2511758	Sulfate	98.5	75	125
	694377		2511758	Nitrate	98.9	75	125
	694377		2511758	Sulfate	97.5	75	125
SW6010B							
	277131	WATER	2511584	Iron, dissolved	97.8	89	116
	277131		2511584	Manganese, dissolved	96.6	90	110
	277132		2511584	Iron, dissolved	100.6	89	116
	277132		2511584	Manganese, dissolved	100	90	110
	277664		2511616	Iron, dissolved	102.2	89	116
	277664		2511612	Iron, dissolved	102.2	89	116
	277664		2511607	Iron, dissolved	102.2	89	116
	277664		2511596	Iron, dissolved	102.2	89	116
	277664		2511616	Manganese, dissolved	102.6	90	110
	277664		2511612	Manganese, dissolved	102.6	90	110
	277664		2511607	Manganese, dissolved	102.6	90	110
	277664		2511596	Manganese, dissolved	102.6	90	110
	277665		2511596	Iron, dissolved	97.6	89	116
	277665		2511612	Iron, dissolved	97.6	89	116
	277665		2511607	Iron, dissolved	97.6	89	116

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW6010B							
	277665	WATER	2511616	Iron, dissolved	97.6	89	116
	277665		2511596	Manganese, dissolved	99.2	90	110
	277665		2511616	Manganese, dissolved	99.2	90	110
	277665		2511607	Manganese, dissolved	99.2	90	110
	277665		2511612	Manganese, dissolved	99.2	90	110
	277796		2511632	Iron, dissolved	97.2	89	116
	277796		2511634	Iron, dissolved	97.2	89	116
	277796		2511628	Iron, dissolved	97.2	89	116
	277796		2511633	Iron, dissolved	97.2	89	116
	277796		2511634	Manganese, dissolved	100.2	90	110
	277796		2511628	Manganese, dissolved	100.2	90	110
	277796		2511632	Manganese, dissolved	100.2	90	110
	277796		2511633	Manganese, dissolved	100.2	90	110
	277797		2511628	Iron, dissolved	98.6	89	116
	277797		2511632	Iron, dissolved	98.6	89	116
	277797		2511634	Iron, dissolved	98.6	89	116
	277797		2511633	Iron, dissolved	98.6	89	116
	277797		2511628	Manganese, dissolved	101.6	90	110
	277797		2511632	Manganese, dissolved	101.6	90	110
	277797		2511634	Manganese, dissolved	101.6	90	110
	277797		2511633	Manganese, dissolved	101.6	90	110
	277917		2511664	Iron, dissolved	98.8	89	116
	277917		2511664	Manganese, dissolved	101.8	90	110
	277918		2511664	Iron, dissolved	96.8	89	116
	277918		2511664	Manganese, dissolved	99.8	90	110
	278254		2511696	Iron, dissolved	100.4	89	116
	278254		2511696	Manganese, dissolved	100.4	90	110
	278255		2511696	Iron, dissolved	100	89	116
	278255		2511696	Manganese, dissolved	99.6	90	110
	278732		2511758	Iron, dissolved	90.4	89	116
	278732		2511758	**Manganese, dissolved**	**89.2**	**90**	**110**
	278733		2511758	Iron, dissolved	94.6	89	116
	278733		2511758	Manganese, dissolved	93.4	90	110
SW8011							
	277368	WATER	2511607	1,2-Dibromo-3-chloropropane	108	60	140
	277368		2511584	1,2-Dibromo-3-chloropropane	108	60	140
	277368		2511596	1,2-Dibromo-3-chloropropane	108	60	140
	277368		2511612	1,2-Dibromo-3-chloropropane	108	60	140
	277368		2511584	1,2-Dibromoethane	108	60	140
	277368		2511596	1,2-Dibromoethane	108	60	140
	277368		2511607	1,2-Dibromoethane	108	60	140
	277368		2511612	1,2-Dibromoethane	108	60	140

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8011							
	277369	WATER	2511584	1,2-Dibromo-3-chloropropane	108	60	140
	277369		2511596	1,2-Dibromo-3-chloropropane	108	60	140
	277369		2511612	1,2-Dibromo-3-chloropropane	108	60	140
	277369		2511607	1,2-Dibromo-3-chloropropane	108	60	140
	277369		2511596	1,2-Dibromoethane	108	60	140
	277369		2511612	1,2-Dibromoethane	108	60	140
	277369		2511584	1,2-Dibromoethane	108	60	140
	277369		2511607	1,2-Dibromoethane	108	60	140
	277704		2511634	1,2-Dibromo-3-chloropropane	133	60	140
	277704		2511632	1,2-Dibromo-3-chloropropane	133	60	140
	277704		2511616	1,2-Dibromo-3-chloropropane	133	60	140
	277704		2511633	1,2-Dibromo-3-chloropropane	133	60	140
	277704		2511628	1,2-Dibromo-3-chloropropane	133	60	140
	277704		2511633	1,2-Dibromoethane	125	60	140
	277704		2511628	1,2-Dibromoethane	125	60	140
	277704		2511632	1,2-Dibromoethane	125	60	140
	277704		2511634	1,2-Dibromoethane	125	60	140
	277704		2511616	1,2-Dibromoethane	125	60	140
	277705		2511616	1,2-Dibromo-3-chloropropane	117	60	140
	277705		2511628	1,2-Dibromo-3-chloropropane	117	60	140
	277705		2511634	1,2-Dibromo-3-chloropropane	117	60	140
	277705		2511632	1,2-Dibromo-3-chloropropane	117	60	140
	277705		2511633	1,2-Dibromo-3-chloropropane	117	60	140
	277705		2511616	1,2-Dibromoethane	117	60	140
	277705		2511634	1,2-Dibromoethane	117	60	140
	277705		2511632	1,2-Dibromoethane	117	60	140
	277705		2511628	1,2-Dibromoethane	117	60	140
	277705		2511633	1,2-Dibromoethane	117	60	140
	278053		2511696	1,2-Dibromo-3-chloropropane	117	60	140
	278053		2511664	1,2-Dibromo-3-chloropropane	117	60	140
	278053		2511664	1,2-Dibromoethane	125	60	140
	278053		2511696	1,2-Dibromoethane	125	60	140
	278054		2511664	1,2-Dibromo-3-chloropropane	108	60	140
	278054		2511696	1,2-Dibromo-3-chloropropane	108	60	140
	278054		2511696	1,2-Dibromoethane	117	60	140
	278054		2511664	1,2-Dibromoethane	117	60	140
	278692		2511758	1,2-Dibromo-3-chloropropane	117	60	140
	278692		2511758	1,2-Dibromoethane	117	60	140
	278693		2511758	1,2-Dibromo-3-chloropropane	133	60	140
	278693		2511758	1,2-Dibromoethane	133	60	140
SW8015-E							
	277347	WATER	2511584	TPH C10-C28	82	50	104

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8015-E							
	277347	WATER	2511596	TPH C10-C28	82	50	104
	277348		2511584	TPH C10-C28	80	50	104
	277348		2511596	TPH C10-C28	80	50	104
	277505		2511616	TPH C10-C28	84	50	104
	277505		2511607	TPH C10-C28	84	50	104
	277505		2511612	TPH C10-C28	84	50	104
	277506		2511616	TPH C10-C28	96	50	104
	277506		2511607	TPH C10-C28	96	50	104
	277506		2511612	TPH C10-C28	96	50	104
	277672		2511628	TPH C10-C28	76	50	104
	277673		2511628	TPH C10-C28	86	50	104
	277864		2511633	TPH C10-C28	90	50	104
	277864		2511607	TPH C10-C28	90	50	104
	277864		2511634	TPH C10-C28	90	50	104
	277864		2511612	TPH C10-C28	90	50	104
	277864		2511632	TPH C10-C28	90	50	104
	277864		2511628	TPH C10-C28	90	50	104
	277864		2511616	TPH C10-C28	90	50	104
	277865		2511634	TPH C10-C28	78	50	104
	277865		2511633	TPH C10-C28	78	50	104
	277865		2511612	TPH C10-C28	78	50	104
	277865		2511632	TPH C10-C28	78	50	104
	277865		2511628	TPH C10-C28	78	50	104
	277865		2511616	TPH C10-C28	78	50	104
	277865		2511607	TPH C10-C28	78	50	104
	278116		2511696	TPH C10-C28	94	50	104
	278116		2511664	TPH C10-C28	94	50	104
	278812		2511758	TPH C10-C28	102	50	104
	278813		2511758	**TPH C10-C28**	**106**	**50**	**104**
SW8015-P							
	0123LCS	WATER	2511584	TPH C6-C10	100	79	149
	0123LCS		2511596	TPH C6-C10	100	79	149
	0123LCS		2511607	TPH C6-C10	100	79	149
	0123LCSD		2511607	TPH C6-C10	104	79	149
	0123LCSD		2511584	TPH C6-C10	104	79	149
	0123LCSD		2511596	TPH C6-C10	104	79	149
	0126LCS		2511584	TPH C6-C10	104	79	149
	0126LCS		2511616	TPH C6-C10	104	79	149
	0126LCS		2511612	TPH C6-C10	104	79	149
	0126LCS		2511596	TPH C6-C10	104	79	149
	0126LCSD		2511584	TPH C6-C10	100	79	149
	0126LCSD		2511596	TPH C6-C10	100	79	149

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8015-P							
	0126LCSD	WATER	2511612	TPH C6-C10	100	79	149
	0126LCSD		2511616	TPH C6-C10	100	79	149
	0128LCS		2511628	TPH C6-C10	84	79	149
	0128LCS		2511632	TPH C6-C10	84	79	149
	0128LCSD		2511632	TPH C6-C10	84	79	149
	0128LCSD		2511628	TPH C6-C10	84	79	149
	0129LCS		2511634	TPH C6-C10	104	79	149
	0129LCS		2511633	TPH C6-C10	104	79	149
	0129LCSD		2511634	TPH C6-C10	104	79	149
	0129LCSD		2511633	TPH C6-C10	104	79	149
	0130LCSR		2511664	TPH C6-C10	112	79	149
	0203LCS		2511696	TPH C6-C10	108	79	149
	0203LCSD		2511696	TPH C6-C10	108	79	149
	0223LCS		2511758	TPH C6-C10	112	79	149
	0223LCSD		2511758	TPH C6-C10	92	79	149
SW8260B							
	020209LCSA32	WATER	2511584	1,1,1,2-Tetrachloroethane	106	77	117
	020209LCSA32		2511584	1,1,1-Trichloroethane	107	78	118
	020209LCSA32		2511584	1,1,2,2-Tetrachloroethane	103	73	119
	020209LCSA32		2511584	1,1,2-Trichloroethane	105	76	116
	020209LCSA32		2511584	1,1-Dichloroethane	106	77	117
	020209LCSA32		2511584	1,1-Dichloroethene	102	66	133
	020209LCSA32		2511584	1,1-Dichloropropene	108	75	115
	020209LCSA32		2511584	1,2,3-Trichlorobenzene	114	66	123
	020209LCSA32		2511584	1,2,3-Trichloropropane	103	84	118
	020209LCSA32		2511584	1,2,4-Trichlorobenzene	113	73	121
	020209LCSA32		2511584	1,2,4-Trimethylbenzene	110	77	120
	020209LCSA32		2511584	1,2-Dibromo-3-chloropropane	100	65	117
	020209LCSA32		2511584	1,2-Dibromoethane	104	77	117
	020209LCSA32		2511584	1,2-Dichlorobenzene	107	76	116
	020209LCSA32		2511584	1,2-Dichloroethane	102	74	120
	020209LCSA32		2511584	1,2-Dichloropropane	108	76	116
	020209LCSA32		2511584	1,3,5-Trimethylbenzene	113	77	117
	020209LCSA32		2511584	1,3-Dichlorobenzene	107	75	115
	020209LCSA32		2511584	1,3-Dichloropropane	104	75	115
	020209LCSA32		2511584	1,4-Dichlorobenzene	106	77	117
	020209LCSA32		2511584	2,2-Dichloropropane	112	72	128
	020209LCSA32		2511584	2-Butanone	96.5	57	120
	020209LCSA32		2511584	2-Chlorotoluene	112	76	116
	020209LCSA32		2511584	2-Hexanone	102	57	121
	020209LCSA32		2511584	4-Chlorotoluene	110	78	118
	020209LCSA32		2511584	4-Methyl-2-Pentanone	97.8	65	118

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020209LCSA32	WATER	2511584	Acetone	93.8	48	130
	020209LCSA32		2511584	Benzene	108	77	118
	020209LCSA32		2511584	Bromobenzene	101	75	115
	020209LCSA32		2511584	Bromochloromethane	107	78	118
	020209LCSA32		2511584	Bromodichloromethane	103	78	118
	020209LCSA32		2511584	Bromoform	100	74	121
	020209LCSA32		2511584	Bromomethane	114	42	154
	020209LCSA32		2511584	Carbon Disulfide	94.5	56	104
	020209LCSA32		2511584	Carbon tetrachloride	104	80	120
	020209LCSA32		2511584	Chlorobenzene	108	78	118
	020209LCSA32		2511584	Chloroethane	111	51	133
	020209LCSA32		2511584	Chloroform	104	78	118
	020209LCSA32		2511584	Chloromethane	105	46	142
	020209LCSA32		2511584	Cis-1,2-DCE	109	75	115
	020209LCSA32		2511584	cis-1,3-Dichloropropene	108	76	113
	020209LCSA32		2511584	Dibromochloromethane	104	76	116
	020209LCSA32		2511584	Dibromomethane	106	77	117
	020209LCSA32		2511584	Dichlorodifluoromethane	108	56	140
	020209LCSA32		2511584	Ethylbenzene	110	78	118
	020209LCSA32		2511584	Hexachlorobutadiene	111	73	123
	020209LCSA32		2511584	Isopropylbenzene	112	71	113
	020209LCSA32		2511584	m,p-Xylene	110	78	118
	020209LCSA32		2511584	Methyl tert-Butyl Ether	102	58	116
	020209LCSA32		2511584	**Methylene chloride**	**136**	**71**	**119**
	020209LCSA32		2511584	**Naphthalene**	**126**	**62**	**121**
	020209LCSA32		2511584	n-Butylbenzene	115	76	117
	020209LCSA32		2511584	n-Propylbenzene	112	76	116
	020209LCSA32		2511584	o-Xylene	113	77	117
	020209LCSA32		2511584	**p-Isopropyltoluene**	**114**	**76**	**113**
	020209LCSA32		2511584	Sec-Butylbenzene	112	80	120
	020209LCSA32		2511584	Styrene	110	77	117
	020209LCSA32		2511584	tert-Butylbenzene	112	76	116
	020209LCSA32		2511584	Tetrachloroethene	113	77	117
	020209LCSA32		2511584	Toluene	108	73	120
	020209LCSA32		2511584	trans-1,2-Dichloroethene	108	80	120
	020209LCSA32		2511584	trans-1,3-Dichloropropene	106	72	117
	020209LCSA32		2511584	Trichloroethene	109	78	122
	020209LCSA32		2511584	Trichlorofluoromethane	112	65	190
	020209LCSA32		2511584	Vinyl chloride	94	49	136
	020209LCSA32		2511584	Xylenes, Total	111	77	117
	020309LCSA32		2511596	1,1,1,2-Tetrachloroethane	96	77	117
	020309LCSA32		2511596	1,1,1-Trichloroethane	98	78	118

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020309LCSA32	WATER	2511596	1,1,2,2-Tetrachloroethane	99	73	119
	020309LCSA32		2511596	1,1,2-Trichloroethane	98	76	116
	020309LCSA32		2511596	1,1-Dichloroethane	97.5	77	117
	020309LCSA32		2511596	1,1-Dichloroethene	98.5	66	133
	020309LCSA32		2511596	1,1-Dichloropropene	96.5	75	115
	020309LCSA32		2511596	**1,2,3-Trichlorobenzene**	**134**	**66**	**123**
	020309LCSA32		2511596	1,2,3-Trichloropropane	99.5	84	118
	020309LCSA32		2511596	1,2,4-Trichlorobenzene	118	73	121
	020309LCSA32		2511596	1,2,4-Trimethylbenzene	95.5	77	120
	020309LCSA32		2511596	1,2-Dibromo-3-chloropropane	104	65	117
	020309LCSA32		2511596	1,2-Dibromoethane	98.5	77	117
	020309LCSA32		2511596	1,2-Dichlorobenzene	97	76	116
	020309LCSA32		2511596	1,2-Dichloroethane	95	74	120
	020309LCSA32		2511596	1,2-Dichloropropane	95	76	116
	020309LCSA32		2511596	1,3,5-Trimethylbenzene	99	77	117
	020309LCSA32		2511596	1,3-Dichlorobenzene	95.5	75	115
	020309LCSA32		2511596	1,3-Dichloropropane	96.5	75	115
	020309LCSA32		2511596	1,4-Dichlorobenzene	95	77	117
	020309LCSA32		2511596	2,2-Dichloropropane	99.5	72	128
	020309LCSA32		2511596	2-Butanone	94.8	57	120
	020309LCSA32		2511596	2-Chlorotoluene	98	76	116
	020309LCSA32		2511596	2-Hexanone	99.7	57	121
	020309LCSA32		2511596	4-Chlorotoluene	95	78	118
	020309LCSA32		2511596	4-Methyl-2-Pentanone	116	65	118
	020309LCSA32		2511596	Acetone	84.3	48	130
	020309LCSA32		2511596	Benzene	96	77	118
	020309LCSA32		2511596	Bromobenzene	90.5	75	115
	020309LCSA32		2511596	Bromochloromethane	98	78	118
	020309LCSA32		2511596	Bromodichloromethane	93	78	118
	020309LCSA32		2511596	Bromoform	92	74	121
	020309LCSA32		2511596	Bromomethane	103	42	154
	020309LCSA32		2511596	Carbon Disulfide	97	56	104
	020309LCSA32		2511596	Carbon tetrachloride	94.5	80	120
	020309LCSA32		2511596	Chlorobenzene	96.5	78	118
	020309LCSA32		2511596	Chloroethane	104	51	133
	020309LCSA32		2511596	Chloroform	95	78	118
	020309LCSA32		2511596	Chloromethane	102	46	142
	020309LCSA32		2511596	Cis-1,2-DCE	97.5	75	115
	020309LCSA32		2511596	cis-1,3-Dichloropropene	93	76	113
	020309LCSA32		2511596	Dibromochloromethane	93.5	76	116
	020309LCSA32		2511596	Dibromomethane	99.5	77	117
	020309LCSA32		2511596	Dichlorodifluoromethane	108	56	140

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020309LCSA32	WATER	2511596	Ethylbenzene	96.5	78	118
	020309LCSA32		2511596	Hexachlorobutadiene	107	73	123
	020309LCSA32		2511596	Isopropylbenzene	96	71	113
	020309LCSA32		2511596	m,p-Xylene	97.2	78	118
	020309LCSA32		2511596	Methyl tert-Butyl Ether	100	58	116
	020309LCSA32		2511596	Methylene chloride	95.5	71	119
	020309LCSA32		2511596	**Naphthalene**	**131**	**62**	**121**
	020309LCSA32		2511596	n-Butylbenzene	102	76	117
	020309LCSA32		2511596	n-Propylbenzene	98	76	116
	020309LCSA32		2511596	o-Xylene	101	77	117
	020309LCSA32		2511596	p-Isopropyltoluene	101	76	113
	020309LCSA32		2511596	Sec-Butylbenzene	100	80	120
	020309LCSA32		2511596	Styrene	97.5	77	117
	020309LCSA32		2511596	tert-Butylbenzene	97	76	116
	020309LCSA32		2511596	Tetrachloroethene	100	77	117
	020309LCSA32		2511596	Toluene	96	73	120
	020309LCSA32		2511596	trans-1,2-Dichloroethene	98.5	80	120
	020309LCSA32		2511596	trans-1,3-Dichloropropene	95	72	117
	020309LCSA32		2511596	Trichloroethene	96	78	122
	020309LCSA32		2511596	Trichlorofluoromethane	110	65	190
	020309LCSA32		2511596	Vinyl chloride	80	49	136
	020309LCSA32		2511596	Xylenes, Total	98.5	77	117
	020409LCSA32		2511616	1,1,1,2-Tetrachloroethane	94	77	117
	020409LCSA32		2511612	1,1,1,2-Tetrachloroethane	94	77	117
	020409LCSA32		2511607	1,1,1,2-Tetrachloroethane	94	77	117
	020409LCSA32		2511607	1,1,1-Trichloroethane	102	78	118
	020409LCSA32		2511616	1,1,1-Trichloroethane	102	78	118
	020409LCSA32		2511612	1,1,1-Trichloroethane	102	78	118
	020409LCSA32		2511616	1,1,2,2-Tetrachloroethane	102	73	119
	020409LCSA32		2511607	1,1,2,2-Tetrachloroethane	102	73	119
	020409LCSA32		2511612	1,1,2,2-Tetrachloroethane	102	73	119
	020409LCSA32		2511607	1,1,2-Trichloroethane	102	76	116
	020409LCSA32		2511616	1,1,2-Trichloroethane	102	76	116
	020409LCSA32		2511612	1,1,2-Trichloroethane	102	76	116
	020409LCSA32		2511616	1,1-Dichloroethane	104	77	117
	020409LCSA32		2511612	1,1-Dichloroethane	104	77	117
	020409LCSA32		2511607	1,1-Dichloroethane	104	77	117
	020409LCSA32		2511607	1,1-Dichloroethene	106	66	133
	020409LCSA32		2511612	1,1-Dichloroethene	106	66	133
	020409LCSA32		2511616	1,1-Dichloroethene	106	66	133
	020409LCSA32		2511612	1,1-Dichloropropene	104	75	115
	020409LCSA32		2511616	1,1-Dichloropropene	104	75	115

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020409LCSA32	WATER	2511607	1,1-Dichloropropene	104	75	115
	020409LCSA32		2511612	1,2,3-Trichlorobenzene	112	66	123
	020409LCSA32		2511616	1,2,3-Trichlorobenzene	112	66	123
	020409LCSA32		2511607	1,2,3-Trichlorobenzene	112	66	123
	020409LCSA32		2511616	1,2,3-Trichloropropane	102	84	118
	020409LCSA32		2511612	1,2,3-Trichloropropane	102	84	118
	020409LCSA32		2511607	1,2,3-Trichloropropane	102	84	118
	020409LCSA32		2511616	1,2,4-Trichlorobenzene	102	73	121
	020409LCSA32		2511612	1,2,4-Trichlorobenzene	102	73	121
	020409LCSA32		2511607	1,2,4-Trichlorobenzene	102	73	121
	020409LCSA32		2511616	1,2,4-Trimethylbenzene	101	77	120
	020409LCSA32		2511612	1,2,4-Trimethylbenzene	101	77	120
	020409LCSA32		2511607	1,2,4-Trimethylbenzene	101	77	120
	020409LCSA32		2511612	1,2-Dibromo-3-chloropropane	98.5	65	117
	020409LCSA32		2511616	1,2-Dibromo-3-chloropropane	98.5	65	117
	020409LCSA32		2511607	1,2-Dibromo-3-chloropropane	98.5	65	117
	020409LCSA32		2511607	1,2-Dibromoethane	99	77	117
	020409LCSA32		2511616	1,2-Dibromoethane	99	77	117
	020409LCSA32		2511612	1,2-Dibromoethane	99	77	117
	020409LCSA32		2511616	1,2-Dichlorobenzene	98	76	116
	020409LCSA32		2511612	1,2-Dichlorobenzene	98	76	116
	020409LCSA32		2511607	1,2-Dichlorobenzene	98	76	116
	020409LCSA32		2511607	1,2-Dichloroethane	100	74	120
	020409LCSA32		2511612	1,2-Dichloroethane	100	74	120
	020409LCSA32		2511616	1,2-Dichloroethane	100	74	120
	020409LCSA32		2511616	1,2-Dichloropropane	102	76	116
	020409LCSA32		2511607	1,2-Dichloropropane	102	76	116
	020409LCSA32		2511612	1,2-Dichloropropane	102	76	116
	020409LCSA32		2511616	1,3,5-Trimethylbenzene	105	77	117
	020409LCSA32		2511607	1,3,5-Trimethylbenzene	105	77	117
	020409LCSA32		2511612	1,3,5-Trimethylbenzene	105	77	117
	020409LCSA32		2511612	1,3-Dichlorobenzene	98	75	115
	020409LCSA32		2511607	1,3-Dichlorobenzene	98	75	115
	020409LCSA32		2511616	1,3-Dichlorobenzene	98	75	115
	020409LCSA32		2511612	1,3-Dichloropropane	98.5	75	115
	020409LCSA32		2511616	1,3-Dichloropropane	98.5	75	115
	020409LCSA32		2511607	1,3-Dichloropropane	98.5	75	115
	020409LCSA32		2511607	1,4-Dichlorobenzene	96.5	77	117
	020409LCSA32		2511616	1,4-Dichlorobenzene	96.5	77	117
	020409LCSA32		2511612	1,4-Dichlorobenzene	96.5	77	117
	020409LCSA32		2511612	2,2-Dichloropropane	104	72	128
	020409LCSA32		2511607	2,2-Dichloropropane	104	72	128

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020409LCSA32	WATER	2511616	2,2-Dichloropropane	104	72	128
	020409LCSA32		2511616	2-Butanone	106	57	120
	020409LCSA32		2511612	2-Butanone	106	57	120
	020409LCSA32		2511607	2-Butanone	106	57	120
	020409LCSA32		2511607	2-Chlorotoluene	102	76	116
	020409LCSA32		2511612	2-Chlorotoluene	102	76	116
	020409LCSA32		2511616	2-Chlorotoluene	102	76	116
	020409LCSA32		2511612	2-Hexanone	100	57	121
	020409LCSA32		2511607	2-Hexanone	100	57	121
	020409LCSA32		2511616	2-Hexanone	100	57	121
	020409LCSA32		2511612	4-Chlorotoluene	100	78	118
	020409LCSA32		2511616	4-Chlorotoluene	100	78	118
	020409LCSA32		2511607	4-Chlorotoluene	100	78	118
	020409LCSA32		2511612	**4-Methyl-2-Pentanone**	**124**	**65**	**118**
	020409LCSA32		2511607	**4-Methyl-2-Pentanone**	**124**	**65**	**118**
	020409LCSA32		2511616	4-Methyl-2-Pentanone	109	65	118
	020409LCSA32		2511607	Acetone	104	48	130
	020409LCSA32		2511616	Acetone	104	48	130
	020409LCSA32		2511612	Acetone	104	48	130
	020409LCSA32		2511612	Benzene	103	77	118
	020409LCSA32		2511616	Benzene	103	77	118
	020409LCSA32		2511607	Benzene	103	77	118
	020409LCSA32		2511607	Bromobenzene	96	75	115
	020409LCSA32		2511616	Bromobenzene	96	75	115
	020409LCSA32		2511612	Bromobenzene	96	75	115
	020409LCSA32		2511616	Bromochloromethane	104	78	118
	020409LCSA32		2511607	Bromochloromethane	104	78	118
	020409LCSA32		2511612	Bromochloromethane	104	78	118
	020409LCSA32		2511616	Bromodichloromethane	96.5	78	118
	020409LCSA32		2511612	Bromodichloromethane	96.5	78	118
	020409LCSA32		2511607	Bromodichloromethane	96.5	78	118
	020409LCSA32		2511616	Bromoform	90	74	121
	020409LCSA32		2511607	Bromoform	90	74	121
	020409LCSA32		2511612	Bromoform	90	74	121
	020409LCSA32		2511607	Bromomethane	114	42	154
	020409LCSA32		2511616	Bromomethane	114	42	154
	020409LCSA32		2511612	Bromomethane	114	42	154
	020409LCSA32		2511616	**Carbon Disulfide**	**113**	**56**	**104**
	020409LCSA32		2511607	**Carbon Disulfide**	**113**	**56**	**104**
	020409LCSA32		2511612	**Carbon Disulfide**	**113**	**56**	**104**
	020409LCSA32		2511607	Carbon tetrachloride	98	80	120
	020409LCSA32		2511616	Carbon tetrachloride	98	80	120

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020409LCSA32	WATER	2511612	Carbon tetrachloride	98	80	120
	020409LCSA32		2511612	Chlorobenzene	97.5	78	118
	020409LCSA32		2511607	Chlorobenzene	97.5	78	118
	020409LCSA32		2511616	Chlorobenzene	97.5	78	118
	020409LCSA32		2511616	Chloroethane	116	51	133
	020409LCSA32		2511607	Chloroethane	116	51	133
	020409LCSA32		2511612	Chloroethane	116	51	133
	020409LCSA32		2511612	Chloroform	102	78	118
	020409LCSA32		2511607	Chloroform	102	78	118
	020409LCSA32		2511616	Chloroform	102	78	118
	020409LCSA32		2511616	Chloromethane	110	46	142
	020409LCSA32		2511612	Chloromethane	110	46	142
	020409LCSA32		2511607	Chloromethane	110	46	142
	020409LCSA32		2511616	Cis-1,2-DCE	107	75	115
	020409LCSA32		2511607	Cis-1,2-DCE	107	75	115
	020409LCSA32		2511612	Cis-1,2-DCE	107	75	115
	020409LCSA32		2511612	cis-1,3-Dichloropropene	98	76	113
	020409LCSA32		2511616	cis-1,3-Dichloropropene	98	76	113
	020409LCSA32		2511607	cis-1,3-Dichloropropene	98	76	113
	020409LCSA32		2511612	Dibromochloromethane	93	76	116
	020409LCSA32		2511616	Dibromochloromethane	93	76	116
	020409LCSA32		2511607	Dibromochloromethane	93	76	116
	020409LCSA32		2511607	Dibromomethane	104	77	117
	020409LCSA32		2511612	Dibromomethane	104	77	117
	020409LCSA32		2511616	Dibromomethane	104	77	117
	020409LCSA32		2511616	Dichlorodifluoromethane	98.5	56	140
	020409LCSA32		2511607	Dichlorodifluoromethane	98.5	56	140
	020409LCSA32		2511612	Dichlorodifluoromethane	98.5	56	140
	020409LCSA32		2511612	Ethylbenzene	97.5	78	118
	020409LCSA32		2511616	Ethylbenzene	97.5	78	118
	020409LCSA32		2511607	Ethylbenzene	97.5	78	118
	020409LCSA32		2511607	Hexachlorobutadiene	102	73	123
	020409LCSA32		2511612	Hexachlorobutadiene	102	73	123
	020409LCSA32		2511616	Hexachlorobutadiene	102	73	123
	020409LCSA32		2511607	Isopropylbenzene	102	71	113
	020409LCSA32		2511612	Isopropylbenzene	102	71	113
	020409LCSA32		2511616	Isopropylbenzene	102	71	113
	020409LCSA32		2511607	m,p-Xylene	97.8	78	118
	020409LCSA32		2511616	m,p-Xylene	97.8	78	118
	020409LCSA32		2511612	m,p-Xylene	97.8	78	118
	020409LCSA32		2511607	Methyl tert-Butyl Ether	110	58	116
	020409LCSA32		2511612	Methyl tert-Butyl Ether	110	58	116

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020409LCSA32	WATER	2511616	Methyl tert-Butyl Ether	110	58	116
	020409LCSA32		2511616	Methylene chloride	80.5	71	119
	020409LCSA32		2511607	Methylene chloride	80.5	71	119
	020409LCSA32		2511612	Methylene chloride	80.5	71	119
	020409LCSA32		2511612	Naphthalene	116	62	121
	020409LCSA32		2511616	Naphthalene	116	62	121
	020409LCSA32		2511607	Naphthalene	116	62	121
	020409LCSA32		2511607	n-Butylbenzene	106	76	117
	020409LCSA32		2511612	n-Butylbenzene	106	76	117
	020409LCSA32		2511616	n-Butylbenzene	106	76	117
	020409LCSA32		2511616	n-Propylbenzene	104	76	116
	020409LCSA32		2511607	n-Propylbenzene	104	76	116
	020409LCSA32		2511612	n-Propylbenzene	104	76	116
	020409LCSA32		2511612	o-Xylene	102	77	117
	020409LCSA32		2511616	o-Xylene	102	77	117
	020409LCSA32		2511607	o-Xylene	102	77	117
	020409LCSA32		2511607	p-Isopropyltoluene	104	76	113
	020409LCSA32		2511612	p-Isopropyltoluene	104	76	113
	020409LCSA32		2511616	p-Isopropyltoluene	104	76	113
	020409LCSA32		2511612	Sec-Butylbenzene	103	80	120
	020409LCSA32		2511607	Sec-Butylbenzene	103	80	120
	020409LCSA32		2511616	Sec-Butylbenzene	103	80	120
	020409LCSA32		2511616	Styrene	96.5	77	117
	020409LCSA32		2511607	Styrene	96.5	77	117
	020409LCSA32		2511612	Styrene	96.5	77	117
	020409LCSA32		2511616	tert-Butylbenzene	103	76	116
	020409LCSA32		2511612	tert-Butylbenzene	103	76	116
	020409LCSA32		2511607	tert-Butylbenzene	103	76	116
	020409LCSA32		2511607	Tetrachloroethene	103	77	117
	020409LCSA32		2511616	Tetrachloroethene	103	77	117
	020409LCSA32		2511612	Tetrachloroethene	103	77	117
	020409LCSA32		2511607	Toluene	103	73	120
	020409LCSA32		2511616	Toluene	103	73	120
	020409LCSA32		2511612	Toluene	103	73	120
	020409LCSA32		2511616	trans-1,2-Dichloroethene	107	80	120
	020409LCSA32		2511612	trans-1,2-Dichloroethene	107	80	120
	020409LCSA32		2511607	trans-1,2-Dichloroethene	107	80	120
	020409LCSA32		2511612	trans-1,3-Dichloropropene	98	72	117
	020409LCSA32		2511607	trans-1,3-Dichloropropene	98	72	117
	020409LCSA32		2511616	trans-1,3-Dichloropropene	98	72	117
	020409LCSA32		2511607	Trichloroethene	104	78	122
	020409LCSA32		2511616	Trichloroethene	104	78	122

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020409LCSA32	WATER	2511612	Trichloroethene	104	78	122
	020409LCSA32		2511607	Trichlorofluoromethane	112	65	190
	020409LCSA32		2511616	Trichlorofluoromethane	112	65	190
	020409LCSA32		2511612	Trichlorofluoromethane	112	65	190
	020409LCSA32		2511607	Vinyl chloride	82.5	49	136
	020409LCSA32		2511616	Vinyl chloride	82.5	49	136
	020409LCSA32		2511612	Vinyl chloride	82.5	49	136
	020409LCSA32		2511607	Xylenes, Total	99	77	117
	020409LCSA32		2511616	Xylenes, Total	99	77	117
	020409LCSA32		2511612	Xylenes, Total	99	77	117
	020509LCSA32		2511632	1,1,1,2-Tetrachloroethane	94	77	117
	020509LCSA32		2511616	1,1,1,2-Tetrachloroethane	94	77	117
	020509LCSA32		2511628	1,1,1,2-Tetrachloroethane	94	77	117
	020509LCSA32		2511633	1,1,1,2-Tetrachloroethane	94	77	117
	020509LCSA32		2511634	1,1,1,2-Tetrachloroethane	94	77	117
	020509LCSA32		2511628	1,1,1-Trichloroethane	96.5	78	118
	020509LCSA32		2511634	1,1,1-Trichloroethane	96.5	78	118
	020509LCSA32		2511616	1,1,1-Trichloroethane	96.5	78	118
	020509LCSA32		2511632	1,1,1-Trichloroethane	96.5	78	118
	020509LCSA32		2511633	1,1,1-Trichloroethane	96.5	78	118
	020509LCSA32		2511628	1,1,2,2-Tetrachloroethane	100	73	119
	020509LCSA32		2511634	1,1,2,2-Tetrachloroethane	100	73	119
	020509LCSA32		2511616	1,1,2,2-Tetrachloroethane	100	73	119
	020509LCSA32		2511633	1,1,2,2-Tetrachloroethane	100	73	119
	020509LCSA32		2511632	1,1,2,2-Tetrachloroethane	100	73	119
	020509LCSA32		2511633	1,1,2-Trichloroethane	99	76	116
	020509LCSA32		2511616	1,1,2-Trichloroethane	99	76	116
	020509LCSA32		2511632	1,1,2-Trichloroethane	99	76	116
	020509LCSA32		2511628	1,1,2-Trichloroethane	99	76	116
	020509LCSA32		2511634	1,1,2-Trichloroethane	99	76	116
	020509LCSA32		2511633	1,1-Dichloroethane	100	77	117
	020509LCSA32		2511632	1,1-Dichloroethane	100	77	117
	020509LCSA32		2511628	1,1-Dichloroethane	100	77	117
	020509LCSA32		2511616	1,1-Dichloroethane	100	77	117
	020509LCSA32		2511634	1,1-Dichloroethane	100	77	117
	020509LCSA32		2511632	1,1-Dichloroethene	100	66	133
	020509LCSA32		2511633	1,1-Dichloroethene	100	66	133
	020509LCSA32		2511616	1,1-Dichloroethene	100	66	133
	020509LCSA32		2511634	1,1-Dichloroethene	100	66	133
	020509LCSA32		2511628	1,1-Dichloroethene	100	66	133
	020509LCSA32		2511633	1,1-Dichloropropene	98.5	75	115
	020509LCSA32		2511634	1,1-Dichloropropene	98.5	75	115

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32	WATER	2511616	1,1-Dichloropropene	98.5	75	115
	020509LCSA32		2511628	1,1-Dichloropropene	98.5	75	115
	020509LCSA32		2511632	1,1-Dichloropropene	98.5	75	115
	020509LCSA32		2511634	1,2,3-Trichlorobenzene	102	66	123
	020509LCSA32		2511632	1,2,3-Trichlorobenzene	102	66	123
	020509LCSA32		2511628	1,2,3-Trichlorobenzene	102	66	123
	020509LCSA32		2511633	1,2,3-Trichlorobenzene	102	66	123
	020509LCSA32		2511616	1,2,3-Trichlorobenzene	102	66	123
	020509LCSA32		2511616	1,2,3-Trichloropropane	104	84	118
	020509LCSA32		2511628	1,2,3-Trichloropropane	104	84	118
	020509LCSA32		2511632	1,2,3-Trichloropropane	104	84	118
	020509LCSA32		2511634	1,2,3-Trichloropropane	104	84	118
	020509LCSA32		2511633	1,2,3-Trichloropropane	104	84	118
	020509LCSA32		2511616	1,2,4-Trichlorobenzene	96.5	73	121
	020509LCSA32		2511633	1,2,4-Trichlorobenzene	96.5	73	121
	020509LCSA32		2511628	1,2,4-Trichlorobenzene	96.5	73	121
	020509LCSA32		2511632	1,2,4-Trichlorobenzene	96.5	73	121
	020509LCSA32		2511634	1,2,4-Trichlorobenzene	96.5	73	121
	020509LCSA32		2511632	1,2,4-Trimethylbenzene	100	77	120
	020509LCSA32		2511633	1,2,4-Trimethylbenzene	100	77	120
	020509LCSA32		2511616	1,2,4-Trimethylbenzene	100	77	120
	020509LCSA32		2511634	1,2,4-Trimethylbenzene	100	77	120
	020509LCSA32		2511628	1,2,4-Trimethylbenzene	100	77	120
	020509LCSA32		2511632	1,2-Dibromo-3-chloropropane	89	65	117
	020509LCSA32		2511628	1,2-Dibromo-3-chloropropane	89	65	117
	020509LCSA32		2511634	1,2-Dibromo-3-chloropropane	89	65	117
	020509LCSA32		2511616	1,2-Dibromo-3-chloropropane	89	65	117
	020509LCSA32		2511633	1,2-Dibromo-3-chloropropane	89	65	117
	020509LCSA32		2511632	1,2-Dibromoethane	97.5	77	117
	020509LCSA32		2511634	1,2-Dibromoethane	97.5	77	117
	020509LCSA32		2511616	1,2-Dibromoethane	97.5	77	117
	020509LCSA32		2511633	1,2-Dibromoethane	97.5	77	117
	020509LCSA32		2511628	1,2-Dibromoethane	97.5	77	117
	020509LCSA32		2511634	1,2-Dichlorobenzene	97	76	116
	020509LCSA32		2511628	1,2-Dichlorobenzene	97	76	116
	020509LCSA32		2511633	1,2-Dichlorobenzene	97	76	116
	020509LCSA32		2511616	1,2-Dichlorobenzene	97	76	116
	020509LCSA32		2511632	1,2-Dichlorobenzene	97	76	116
	020509LCSA32		2511633	1,2-Dichloroethane	96	74	120
	020509LCSA32		2511628	1,2-Dichloroethane	96	74	120
	020509LCSA32		2511632	1,2-Dichloroethane	96	74	120
	020509LCSA32		2511634	1,2-Dichloroethane	96	74	120

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32	WATER	2511616	1,2-Dichloroethane	96	74	120
	020509LCSA32		2511616	1,2-Dichloropropane	98.5	76	116
	020509LCSA32		2511628	1,2-Dichloropropane	98.5	76	116
	020509LCSA32		2511632	1,2-Dichloropropane	98.5	76	116
	020509LCSA32		2511633	1,2-Dichloropropane	98.5	76	116
	020509LCSA32		2511634	1,2-Dichloropropane	98.5	76	116
	020509LCSA32		2511632	1,3,5-Trimethylbenzene	102	77	117
	020509LCSA32		2511634	1,3,5-Trimethylbenzene	102	77	117
	020509LCSA32		2511616	1,3,5-Trimethylbenzene	102	77	117
	020509LCSA32		2511633	1,3,5-Trimethylbenzene	102	77	117
	020509LCSA32		2511628	1,3,5-Trimethylbenzene	102	77	117
	020509LCSA32		2511616	1,3-Dichlorobenzene	96.5	75	115
	020509LCSA32		2511634	1,3-Dichlorobenzene	96.5	75	115
	020509LCSA32		2511633	1,3-Dichlorobenzene	96.5	75	115
	020509LCSA32		2511628	1,3-Dichlorobenzene	96.5	75	115
	020509LCSA32		2511632	1,3-Dichlorobenzene	96.5	75	115
	020509LCSA32		2511632	1,3-Dichloropropane	99.5	75	115
	020509LCSA32		2511634	1,3-Dichloropropane	99.5	75	115
	020509LCSA32		2511633	1,3-Dichloropropane	99.5	75	115
	020509LCSA32		2511616	1,3-Dichloropropane	99.5	75	115
	020509LCSA32		2511628	1,3-Dichloropropane	99.5	75	115
	020509LCSA32		2511634	1,4-Dichlorobenzene	96	77	117
	020509LCSA32		2511616	1,4-Dichlorobenzene	96	77	117
	020509LCSA32		2511633	1,4-Dichlorobenzene	96	77	117
	020509LCSA32		2511628	1,4-Dichlorobenzene	96	77	117
	020509LCSA32		2511632	1,4-Dichlorobenzene	96	77	117
	020509LCSA32		2511633	2,2-Dichloropropane	95.5	72	128
	020509LCSA32		2511616	2,2-Dichloropropane	95.5	72	128
	020509LCSA32		2511634	2,2-Dichloropropane	95.5	72	128
	020509LCSA32		2511628	2,2-Dichloropropane	95.5	72	128
	020509LCSA32		2511632	2,2-Dichloropropane	95.5	72	128
	020509LCSA32		2511633	2-Butanone	102	57	120
	020509LCSA32		2511632	2-Butanone	102	57	120
	020509LCSA32		2511616	2-Butanone	102	57	120
	020509LCSA32		2511634	2-Butanone	102	57	120
	020509LCSA32		2511628	2-Butanone	102	57	120
	020509LCSA32		2511628	2-Chlorotoluene	104	76	116
	020509LCSA32		2511633	2-Chlorotoluene	104	76	116
	020509LCSA32		2511632	2-Chlorotoluene	104	76	116
	020509LCSA32		2511616	2-Chlorotoluene	104	76	116
	020509LCSA32		2511634	2-Chlorotoluene	104	76	116
	020509LCSA32		2511633	2-Hexanone	105	57	121

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32	WATER	2511616	2-Hexanone	105	57	121
	020509LCSA32		2511628	2-Hexanone	105	57	121
	020509LCSA32		2511632	2-Hexanone	105	57	121
	020509LCSA32		2511634	2-Hexanone	105	57	121
	020509LCSA32		2511616	4-Chlorotoluene	96	78	118
	020509LCSA32		2511634	4-Chlorotoluene	96	78	118
	020509LCSA32		2511633	4-Chlorotoluene	96	78	118
	020509LCSA32		2511632	4-Chlorotoluene	96	78	118
	020509LCSA32		2511628	4-Chlorotoluene	96	78	118
	020509LCSA32		2511633	4-Methyl-2-Pentanone	106	65	118
	020509LCSA32		2511632	4-Methyl-2-Pentanone	106	65	118
	020509LCSA32		2511616	4-Methyl-2-Pentanone	106	65	118
	020509LCSA32		2511634	4-Methyl-2-Pentanone	106	65	118
	020509LCSA32		2511628	4-Methyl-2-Pentanone	106	65	118
	020509LCSA32		2511628	Acetone	106	48	130
	020509LCSA32		2511633	Acetone	106	48	130
	020509LCSA32		2511634	Acetone	106	48	130
	020509LCSA32		2511616	Acetone	106	48	130
	020509LCSA32		2511632	Acetone	106	48	130
	020509LCSA32		2511628	Benzene	98	77	118
	020509LCSA32		2511632	Benzene	98	77	118
	020509LCSA32		2511633	Benzene	98	77	118
	020509LCSA32		2511634	Benzene	98	77	118
	020509LCSA32		2511616	Benzene	98	77	118
	020509LCSA32		2511632	Bromobenzene	94	75	115
	020509LCSA32		2511616	Bromobenzene	94	75	115
	020509LCSA32		2511628	Bromobenzene	94	75	115
	020509LCSA32		2511633	Bromobenzene	94	75	115
	020509LCSA32		2511634	Bromobenzene	94	75	115
	020509LCSA32		2511633	Bromochloromethane	100	78	118
	020509LCSA32		2511628	Bromochloromethane	100	78	118
	020509LCSA32		2511616	Bromochloromethane	100	78	118
	020509LCSA32		2511634	Bromochloromethane	100	78	118
	020509LCSA32		2511632	Bromochloromethane	100	78	118
	020509LCSA32		2511634	Bromodichloromethane	94	78	118
	020509LCSA32		2511633	Bromodichloromethane	94	78	118
	020509LCSA32		2511632	Bromodichloromethane	94	78	118
	020509LCSA32		2511628	Bromodichloromethane	94	78	118
	020509LCSA32		2511616	Bromodichloromethane	94	78	118
	020509LCSA32		2511628	Bromoform	85	74	121
	020509LCSA32		2511633	Bromoform	85	74	121
	020509LCSA32		2511634	Bromoform	85	74	121

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32	WATER	2511632	Bromoform	85	74	121
	020509LCSA32		2511616	Bromoform	85	74	121
	020509LCSA32		2511634	Bromomethane	116	42	154
	020509LCSA32		2511632	Bromomethane	116	42	154
	020509LCSA32		2511628	Bromomethane	116	42	154
	020509LCSA32		2511633	Bromomethane	116	42	154
	020509LCSA32		2511616	Bromomethane	116	42	154
	020509LCSA32		2511632	**Carbon Disulfide**	**106**	**56**	**104**
	020509LCSA32		2511628	**Carbon Disulfide**	**106**	**56**	**104**
	020509LCSA32		2511633	**Carbon Disulfide**	**106**	**56**	**104**
	020509LCSA32		2511634	**Carbon Disulfide**	**106**	**56**	**104**
	020509LCSA32		2511616	**Carbon Disulfide**	**106**	**56**	**104**
	020509LCSA32		2511616	Carbon tetrachloride	91.5	80	120
	020509LCSA32		2511634	Carbon tetrachloride	91.5	80	120
	020509LCSA32		2511633	Carbon tetrachloride	91.5	80	120
	020509LCSA32		2511632	Carbon tetrachloride	91.5	80	120
	020509LCSA32		2511628	Carbon tetrachloride	91.5	80	120
	020509LCSA32		2511616	Chlorobenzene	98.5	78	118
	020509LCSA32		2511628	Chlorobenzene	98.5	78	118
	020509LCSA32		2511632	Chlorobenzene	98.5	78	118
	020509LCSA32		2511634	Chlorobenzene	98.5	78	118
	020509LCSA32		2511633	Chlorobenzene	98.5	78	118
	020509LCSA32		2511632	Chloroethane	114	51	133
	020509LCSA32		2511633	Chloroethane	114	51	133
	020509LCSA32		2511616	Chloroethane	114	51	133
	020509LCSA32		2511634	Chloroethane	114	51	133
	020509LCSA32		2511628	Chloroethane	114	51	133
	020509LCSA32		2511628	Chloroform	97	78	118
	020509LCSA32		2511634	Chloroform	97	78	118
	020509LCSA32		2511633	Chloroform	97	78	118
	020509LCSA32		2511632	Chloroform	97	78	118
	020509LCSA32		2511616	Chloroform	97	78	118
	020509LCSA32		2511634	Chloromethane	114	46	142
	020509LCSA32		2511632	Chloromethane	114	46	142
	020509LCSA32		2511616	Chloromethane	114	46	142
	020509LCSA32		2511633	Chloromethane	114	46	142
	020509LCSA32		2511628	Chloromethane	114	46	142
	020509LCSA32		2511628	Cis-1,2-DCE	100	75	115
	020509LCSA32		2511633	Cis-1,2-DCE	100	75	115
	020509LCSA32		2511616	Cis-1,2-DCE	100	75	115
	020509LCSA32		2511632	Cis-1,2-DCE	100	75	115
	020509LCSA32		2511634	Cis-1,2-DCE	100	75	115

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32	WATER	2511633	cis-1,3-Dichloropropene	92	76	113
	020509LCSA32		2511616	cis-1,3-Dichloropropene	92	76	113
	020509LCSA32		2511628	cis-1,3-Dichloropropene	92	76	113
	020509LCSA32		2511632	cis-1,3-Dichloropropene	92	76	113
	020509LCSA32		2511634	cis-1,3-Dichloropropene	92	76	113
	020509LCSA32		2511632	Dibromochloromethane	91	76	116
	020509LCSA32		2511616	Dibromochloromethane	91	76	116
	020509LCSA32		2511634	Dibromochloromethane	91	76	116
	020509LCSA32		2511633	Dibromochloromethane	91	76	116
	020509LCSA32		2511628	Dibromochloromethane	91	76	116
	020509LCSA32		2511633	Dibromomethane	99.5	77	117
	020509LCSA32		2511634	Dibromomethane	99.5	77	117
	020509LCSA32		2511628	Dibromomethane	99.5	77	117
	020509LCSA32		2511632	Dibromomethane	99.5	77	117
	020509LCSA32		2511616	Dibromomethane	99.5	77	117
	020509LCSA32		2511616	Dichlorodifluoromethane	102	56	140
	020509LCSA32		2511633	Dichlorodifluoromethane	102	56	140
	020509LCSA32		2511628	Dichlorodifluoromethane	102	56	140
	020509LCSA32		2511632	Dichlorodifluoromethane	102	56	140
	020509LCSA32		2511634	Dichlorodifluoromethane	102	56	140
	020509LCSA32		2511616	Ethylbenzene	97	78	118
	020509LCSA32		2511633	Ethylbenzene	97	78	118
	020509LCSA32		2511634	Ethylbenzene	97	78	118
	020509LCSA32		2511632	Ethylbenzene	97	78	118
	020509LCSA32		2511628	Ethylbenzene	97	78	118
	020509LCSA32		2511633	Hexachlorobutadiene	96.5	73	123
	020509LCSA32		2511632	Hexachlorobutadiene	96.5	73	123
	020509LCSA32		2511628	Hexachlorobutadiene	96.5	73	123
	020509LCSA32		2511634	Hexachlorobutadiene	96.5	73	123
	020509LCSA32		2511616	Hexachlorobutadiene	96.5	73	123
	020509LCSA32		2511632	Isopropylbenzene	97.5	71	113
	020509LCSA32		2511616	Isopropylbenzene	97.5	71	113
	020509LCSA32		2511633	Isopropylbenzene	97.5	71	113
	020509LCSA32		2511628	Isopropylbenzene	97.5	71	113
	020509LCSA32		2511634	Isopropylbenzene	97.5	71	113
	020509LCSA32		2511628	m,p-Xylene	97.8	78	118
	020509LCSA32		2511632	m,p-Xylene	97.8	78	118
	020509LCSA32		2511634	m,p-Xylene	97.8	78	118
	020509LCSA32		2511616	m,p-Xylene	97.8	78	118
	020509LCSA32		2511633	m,p-Xylene	97.8	78	118
	020509LCSA32		2511633	Methyl tert-Butyl Ether	97	58	116
	020509LCSA32		2511634	Methyl tert-Butyl Ether	97	58	116

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32	WATER	2511616	Methyl tert-Butyl Ether	97	58	116
	020509LCSA32		2511628	Methyl tert-Butyl Ether	97	58	116
	020509LCSA32		2511632	Methyl tert-Butyl Ether	97	58	116
	020509LCSA32		2511628	Methylene chloride	109	71	119
	020509LCSA32		2511616	Methylene chloride	109	71	119
	020509LCSA32		2511633	Methylene chloride	109	71	119
	020509LCSA32		2511632	Methylene chloride	109	71	119
	020509LCSA32		2511634	Methylene chloride	109	71	119
	020509LCSA32		2511632	Naphthalene	94.5	62	121
	020509LCSA32		2511634	Naphthalene	94.5	62	121
	020509LCSA32		2511633	Naphthalene	94.5	62	121
	020509LCSA32		2511628	Naphthalene	94.5	62	121
	020509LCSA32		2511616	Naphthalene	94.5	62	121
	020509LCSA32		2511616	n-Butylbenzene	101	76	117
	020509LCSA32		2511634	n-Butylbenzene	101	76	117
	020509LCSA32		2511633	n-Butylbenzene	101	76	117
	020509LCSA32		2511632	n-Butylbenzene	101	76	117
	020509LCSA32		2511628	n-Butylbenzene	101	76	117
	020509LCSA32		2511628	n-Propylbenzene	101	76	116
	020509LCSA32		2511634	n-Propylbenzene	101	76	116
	020509LCSA32		2511632	n-Propylbenzene	101	76	116
	020509LCSA32		2511633	n-Propylbenzene	101	76	116
	020509LCSA32		2511616	n-Propylbenzene	101	76	116
	020509LCSA32		2511616	o-Xylene	102	77	117
	020509LCSA32		2511632	o-Xylene	102	77	117
	020509LCSA32		2511628	o-Xylene	102	77	117
	020509LCSA32		2511634	o-Xylene	102	77	117
	020509LCSA32		2511633	o-Xylene	102	77	117
	020509LCSA32		2511628	p-Isopropyltoluene	100	76	113
	020509LCSA32		2511632	p-Isopropyltoluene	100	76	113
	020509LCSA32		2511634	p-Isopropyltoluene	100	76	113
	020509LCSA32		2511633	p-Isopropyltoluene	100	76	113
	020509LCSA32		2511616	p-Isopropyltoluene	100	76	113
	020509LCSA32		2511632	Sec-Butylbenzene	99.5	80	120
	020509LCSA32		2511634	Sec-Butylbenzene	99.5	80	120
	020509LCSA32		2511633	Sec-Butylbenzene	99.5	80	120
	020509LCSA32		2511628	Sec-Butylbenzene	99.5	80	120
	020509LCSA32		2511616	Sec-Butylbenzene	99.5	80	120
	020509LCSA32		2511632	Styrene	99	77	117
	020509LCSA32		2511634	Styrene	99	77	117
	020509LCSA32		2511628	Styrene	99	77	117
	020509LCSA32		2511616	Styrene	99	77	117

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32	WATER	2511633	Styrene	99	77	117
	020509LCSA32		2511628	tert-Butylbenzene	99.5	76	116
	020509LCSA32		2511616	tert-Butylbenzene	99.5	76	116
	020509LCSA32		2511634	tert-Butylbenzene	99.5	76	116
	020509LCSA32		2511633	tert-Butylbenzene	99.5	76	116
	020509LCSA32		2511632	tert-Butylbenzene	99.5	76	116
	020509LCSA32		2511632	Tetrachloroethene	99	77	117
	020509LCSA32		2511634	Tetrachloroethene	99	77	117
	020509LCSA32		2511616	Tetrachloroethene	99	77	117
	020509LCSA32		2511633	Tetrachloroethene	99	77	117
	020509LCSA32		2511628	Tetrachloroethene	99	77	117
	020509LCSA32		2511634	Toluene	98	73	120
	020509LCSA32		2511632	Toluene	98	73	120
	020509LCSA32		2511633	Toluene	98	73	120
	020509LCSA32		2511616	Toluene	98	73	120
	020509LCSA32		2511628	Toluene	98	73	120
	020509LCSA32		2511634	trans-1,2-Dichloroethene	100	80	120
	020509LCSA32		2511632	trans-1,2-Dichloroethene	100	80	120
	020509LCSA32		2511628	trans-1,2-Dichloroethene	100	80	120
	020509LCSA32		2511616	trans-1,2-Dichloroethene	100	80	120
	020509LCSA32		2511633	trans-1,2-Dichloroethene	100	80	120
	020509LCSA32		2511634	trans-1,3-Dichloropropene	92	72	117
	020509LCSA32		2511632	trans-1,3-Dichloropropene	92	72	117
	020509LCSA32		2511633	trans-1,3-Dichloropropene	92	72	117
	020509LCSA32		2511616	trans-1,3-Dichloropropene	92	72	117
	020509LCSA32		2511628	trans-1,3-Dichloropropene	92	72	117
	020509LCSA32		2511632	Trichloroethene	97	78	122
	020509LCSA32		2511628	Trichloroethene	97	78	122
	020509LCSA32		2511633	Trichloroethene	97	78	122
	020509LCSA32		2511616	Trichloroethene	97	78	122
	020509LCSA32		2511634	Trichloroethene	97	78	122
	020509LCSA32		2511634	Trichlorofluoromethane	106	65	190
	020509LCSA32		2511616	Trichlorofluoromethane	106	65	190
	020509LCSA32		2511628	Trichlorofluoromethane	106	65	190
	020509LCSA32		2511633	Trichlorofluoromethane	106	65	190
	020509LCSA32		2511632	Trichlorofluoromethane	106	65	190
	020509LCSA32		2511628	Vinyl chloride	87	49	136
	020509LCSA32		2511632	Vinyl chloride	87	49	136
	020509LCSA32		2511616	Vinyl chloride	87	49	136
	020509LCSA32		2511633	Vinyl chloride	87	49	136
	020509LCSA32		2511634	Vinyl chloride	87	49	136
	020509LCSA32		2511616	Xylenes, Total	99.3	77	117

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32	WATER	2511632	Xylenes, Total	99.3	77	117
	020509LCSA32		2511634	Xylenes, Total	99.3	77	117
	020509LCSA32		2511628	Xylenes, Total	99.3	77	117
	020509LCSA32		2511633	Xylenes, Total	99.3	77	117
	020509LCSA32D		2511634	1,1,1,2-Tetrachloroethane	92	77	117
	020509LCSA32D		2511616	1,1,1,2-Tetrachloroethane	92	77	117
	020509LCSA32D		2511632	1,1,1,2-Tetrachloroethane	92	77	117
	020509LCSA32D		2511628	1,1,1,2-Tetrachloroethane	92	77	117
	020509LCSA32D		2511633	1,1,1,2-Tetrachloroethane	92	77	117
	020509LCSA32D		2511633	1,1,1-Trichloroethane	92	78	118
	020509LCSA32D		2511632	1,1,1-Trichloroethane	92	78	118
	020509LCSA32D		2511628	1,1,1-Trichloroethane	92	78	118
	020509LCSA32D		2511634	1,1,1-Trichloroethane	92	78	118
	020509LCSA32D		2511616	1,1,1-Trichloroethane	92	78	118
	020509LCSA32D		2511634	1,1,2,2-Tetrachloroethane	99	73	119
	020509LCSA32D		2511633	1,1,2,2-Tetrachloroethane	99	73	119
	020509LCSA32D		2511628	1,1,2,2-Tetrachloroethane	99	73	119
	020509LCSA32D		2511616	1,1,2,2-Tetrachloroethane	99	73	119
	020509LCSA32D		2511632	1,1,2,2-Tetrachloroethane	99	73	119
	020509LCSA32D		2511634	1,1,2-Trichloroethane	98	76	116
	020509LCSA32D		2511633	1,1,2-Trichloroethane	98	76	116
	020509LCSA32D		2511628	1,1,2-Trichloroethane	98	76	116
	020509LCSA32D		2511616	1,1,2-Trichloroethane	98	76	116
	020509LCSA32D		2511632	1,1,2-Trichloroethane	98	76	116
	020509LCSA32D		2511616	1,1-Dichloroethane	98.5	77	117
	020509LCSA32D		2511632	1,1-Dichloroethane	98.5	77	117
	020509LCSA32D		2511628	1,1-Dichloroethane	98.5	77	117
	020509LCSA32D		2511633	1,1-Dichloroethane	98.5	77	117
	020509LCSA32D		2511634	1,1-Dichloroethane	98.5	77	117
	020509LCSA32D		2511633	1,1-Dichloroethene	94	66	133
	020509LCSA32D		2511628	1,1-Dichloroethene	94	66	133
	020509LCSA32D		2511632	1,1-Dichloroethene	94	66	133
	020509LCSA32D		2511616	1,1-Dichloroethene	94	66	133
	020509LCSA32D		2511634	1,1-Dichloroethene	94	66	133
	020509LCSA32D		2511628	1,1-Dichloropropene	97	75	115
	020509LCSA32D		2511633	1,1-Dichloropropene	97	75	115
	020509LCSA32D		2511634	1,1-Dichloropropene	97	75	115
	020509LCSA32D		2511632	1,1-Dichloropropene	97	75	115
	020509LCSA32D		2511616	1,1-Dichloropropene	97	75	115
	020509LCSA32D		2511628	1,2,3-Trichlorobenzene	107	66	123
	020509LCSA32D		2511633	1,2,3-Trichlorobenzene	107	66	123
	020509LCSA32D		2511616	1,2,3-Trichlorobenzene	107	66	123

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32D	WATER	2511634	1,2,3-Trichlorobenzene	107	66	123
	020509LCSA32D		2511632	1,2,3-Trichlorobenzene	107	66	123
	020509LCSA32D		2511634	1,2,3-Trichloropropane	98.5	84	118
	020509LCSA32D		2511633	1,2,3-Trichloropropane	98.5	84	118
	020509LCSA32D		2511628	1,2,3-Trichloropropane	98.5	84	118
	020509LCSA32D		2511632	1,2,3-Trichloropropane	98.5	84	118
	020509LCSA32D		2511616	1,2,3-Trichloropropane	98.5	84	118
	020509LCSA32D		2511628	1,2,4-Trichlorobenzene	99.5	73	121
	020509LCSA32D		2511634	1,2,4-Trichlorobenzene	99.5	73	121
	020509LCSA32D		2511616	1,2,4-Trichlorobenzene	99.5	73	121
	020509LCSA32D		2511632	1,2,4-Trichlorobenzene	99.5	73	121
	020509LCSA32D		2511633	1,2,4-Trichlorobenzene	99.5	73	121
	020509LCSA32D		2511628	1,2,4-Trimethylbenzene	98	77	120
	020509LCSA32D		2511634	1,2,4-Trimethylbenzene	98	77	120
	020509LCSA32D		2511633	1,2,4-Trimethylbenzene	98	77	120
	020509LCSA32D		2511632	1,2,4-Trimethylbenzene	98	77	120
	020509LCSA32D		2511616	1,2,4-Trimethylbenzene	98	77	120
	020509LCSA32D		2511632	1,2-Dibromo-3-chloropropane	94	65	117
	020509LCSA32D		2511633	1,2-Dibromo-3-chloropropane	94	65	117
	020509LCSA32D		2511628	1,2-Dibromo-3-chloropropane	94	65	117
	020509LCSA32D		2511634	1,2-Dibromo-3-chloropropane	94	65	117
	020509LCSA32D		2511616	1,2-Dibromo-3-chloropropane	94	65	117
	020509LCSA32D		2511633	1,2-Dibromoethane	98	77	117
	020509LCSA32D		2511628	1,2-Dibromoethane	98	77	117
	020509LCSA32D		2511632	1,2-Dibromoethane	98	77	117
	020509LCSA32D		2511634	1,2-Dibromoethane	98	77	117
	020509LCSA32D		2511616	1,2-Dibromoethane	98	77	117
	020509LCSA32D		2511632	1,2-Dichlorobenzene	95.5	76	116
	020509LCSA32D		2511634	1,2-Dichlorobenzene	95.5	76	116
	020509LCSA32D		2511616	1,2-Dichlorobenzene	95.5	76	116
	020509LCSA32D		2511633	1,2-Dichlorobenzene	95.5	76	116
	020509LCSA32D		2511628	1,2-Dichlorobenzene	95.5	76	116
	020509LCSA32D		2511628	1,2-Dichloroethane	98	74	120
	020509LCSA32D		2511632	1,2-Dichloroethane	98	74	120
	020509LCSA32D		2511634	1,2-Dichloroethane	98	74	120
	020509LCSA32D		2511616	1,2-Dichloroethane	98	74	120
	020509LCSA32D		2511633	1,2-Dichloroethane	98	74	120
	020509LCSA32D		2511628	1,2-Dichloropropane	98.5	76	116
	020509LCSA32D		2511632	1,2-Dichloropropane	98.5	76	116
	020509LCSA32D		2511616	1,2-Dichloropropane	98.5	76	116
	020509LCSA32D		2511634	1,2-Dichloropropane	98.5	76	116
	020509LCSA32D		2511633	1,2-Dichloropropane	98.5	76	116

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32D	WATER	2511633	1,3,5-Trimethylbenzene	99	77	117
	020509LCSA32D		2511628	1,3,5-Trimethylbenzene	99	77	117
	020509LCSA32D		2511632	1,3,5-Trimethylbenzene	99	77	117
	020509LCSA32D		2511616	1,3,5-Trimethylbenzene	99	77	117
	020509LCSA32D		2511634	1,3,5-Trimethylbenzene	99	77	117
	020509LCSA32D		2511632	1,3-Dichlorobenzene	94	75	115
	020509LCSA32D		2511616	1,3-Dichlorobenzene	94	75	115
	020509LCSA32D		2511634	1,3-Dichlorobenzene	94	75	115
	020509LCSA32D		2511633	1,3-Dichlorobenzene	94	75	115
	020509LCSA32D		2511628	1,3-Dichlorobenzene	94	75	115
	020509LCSA32D		2511616	1,3-Dichloropropane	98	75	115
	020509LCSA32D		2511632	1,3-Dichloropropane	98	75	115
	020509LCSA32D		2511628	1,3-Dichloropropane	98	75	115
	020509LCSA32D		2511634	1,3-Dichloropropane	98	75	115
	020509LCSA32D		2511633	1,3-Dichloropropane	98	75	115
	020509LCSA32D		2511633	1,4-Dichlorobenzene	96	77	117
	020509LCSA32D		2511628	1,4-Dichlorobenzene	96	77	117
	020509LCSA32D		2511616	1,4-Dichlorobenzene	96	77	117
	020509LCSA32D		2511632	1,4-Dichlorobenzene	96	77	117
	020509LCSA32D		2511634	1,4-Dichlorobenzene	96	77	117
	020509LCSA32D		2511633	2,2-Dichloropropane	92.5	72	128
	020509LCSA32D		2511632	2,2-Dichloropropane	92.5	72	128
	020509LCSA32D		2511634	2,2-Dichloropropane	92.5	72	128
	020509LCSA32D		2511616	2,2-Dichloropropane	92.5	72	128
	020509LCSA32D		2511628	2,2-Dichloropropane	92.5	72	128
	020509LCSA32D		2511628	2-Butanone	109	57	120
	020509LCSA32D		2511633	2-Butanone	109	57	120
	020509LCSA32D		2511616	2-Butanone	109	57	120
	020509LCSA32D		2511634	2-Butanone	109	57	120
	020509LCSA32D		2511632	2-Butanone	109	57	120
	020509LCSA32D		2511633	2-Chlorotoluene	97.5	76	116
	020509LCSA32D		2511634	2-Chlorotoluene	97.5	76	116
	020509LCSA32D		2511632	2-Chlorotoluene	97.5	76	116
	020509LCSA32D		2511628	2-Chlorotoluene	97.5	76	116
	020509LCSA32D		2511616	2-Chlorotoluene	97.5	76	116
	020509LCSA32D		2511633	2-Hexanone	108	57	121
	020509LCSA32D		2511616	2-Hexanone	108	57	121
	020509LCSA32D		2511628	2-Hexanone	108	57	121
	020509LCSA32D		2511632	2-Hexanone	108	57	121
	020509LCSA32D		2511634	2-Hexanone	108	57	121
	020509LCSA32D		2511616	4-Chlorotoluene	94	78	118
	020509LCSA32D		2511633	4-Chlorotoluene	94	78	118

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32D	WATER	2511632	4-Chlorotoluene	94	78	118
	020509LCSA32D		2511634	4-Chlorotoluene	94	78	118
	020509LCSA32D		2511628	4-Chlorotoluene	94	78	118
	020509LCSA32D		2511632	4-Methyl-2-Pentanone	98.3	65	118
	020509LCSA32D		2511628	4-Methyl-2-Pentanone	98.3	65	118
	020509LCSA32D		2511634	4-Methyl-2-Pentanone	98.3	65	118
	020509LCSA32D		2511633	4-Methyl-2-Pentanone	98.3	65	118
	020509LCSA32D		2511616	4-Methyl-2-Pentanone	98.3	65	118
	020509LCSA32D		2511628	Acetone	105	48	130
	020509LCSA32D		2511633	Acetone	105	48	130
	020509LCSA32D		2511634	Acetone	105	48	130
	020509LCSA32D		2511616	Acetone	105	48	130
	020509LCSA32D		2511632	Acetone	105	48	130
	020509LCSA32D		2511632	Benzene	97.5	77	118
	020509LCSA32D		2511628	Benzene	97.5	77	118
	020509LCSA32D		2511634	Benzene	97.5	77	118
	020509LCSA32D		2511616	Benzene	97.5	77	118
	020509LCSA32D		2511633	Benzene	97.5	77	118
	020509LCSA32D		2511632	Bromobenzene	92	75	115
	020509LCSA32D		2511634	Bromobenzene	92	75	115
	020509LCSA32D		2511628	Bromobenzene	92	75	115
	020509LCSA32D		2511633	Bromobenzene	92	75	115
	020509LCSA32D		2511616	Bromobenzene	92	75	115
	020509LCSA32D		2511634	Bromochloromethane	100	78	118
	020509LCSA32D		2511632	Bromochloromethane	100	78	118
	020509LCSA32D		2511633	Bromochloromethane	100	78	118
	020509LCSA32D		2511628	Bromochloromethane	100	78	118
	020509LCSA32D		2511616	Bromochloromethane	100	78	118
	020509LCSA32D		2511633	Bromodichloromethane	93	78	118
	020509LCSA32D		2511628	Bromodichloromethane	93	78	118
	020509LCSA32D		2511616	Bromodichloromethane	93	78	118
	020509LCSA32D		2511634	Bromodichloromethane	93	78	118
	020509LCSA32D		2511632	Bromodichloromethane	93	78	118
	020509LCSA32D		2511634	Bromoform	86	74	121
	020509LCSA32D		2511633	Bromoform	86	74	121
	020509LCSA32D		2511628	Bromoform	86	74	121
	020509LCSA32D		2511616	Bromoform	86	74	121
	020509LCSA32D		2511632	Bromoform	86	74	121
	020509LCSA32D		2511633	Bromomethane	112	42	154
	020509LCSA32D		2511634	Bromomethane	112	42	154
	020509LCSA32D		2511628	Bromomethane	112	42	154
	020509LCSA32D		2511616	Bromomethane	112	42	154

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32D	WATER	2511632	Bromomethane	112	42	154
	020509LCSA32D		2511628	Carbon Disulfide	102	56	104
	020509LCSA32D		2511616	Carbon Disulfide	102	56	104
	020509LCSA32D		2511632	Carbon Disulfide	102	56	104
	020509LCSA32D		2511633	Carbon Disulfide	102	56	104
	020509LCSA32D		2511634	Carbon Disulfide	102	56	104
	020509LCSA32D		2511628	Carbon tetrachloride	89.5	80	120
	020509LCSA32D		2511633	Carbon tetrachloride	89.5	80	120
	020509LCSA32D		2511634	Carbon tetrachloride	89.5	80	120
	020509LCSA32D		2511616	Carbon tetrachloride	89.5	80	120
	020509LCSA32D		2511632	Carbon tetrachloride	89.5	80	120
	020509LCSA32D		2511633	Chlorobenzene	97	78	118
	020509LCSA32D		2511628	Chlorobenzene	97	78	118
	020509LCSA32D		2511634	Chlorobenzene	97	78	118
	020509LCSA32D		2511632	Chlorobenzene	97	78	118
	020509LCSA32D		2511616	Chlorobenzene	97	78	118
	020509LCSA32D		2511634	Chloroethane	111	51	133
	020509LCSA32D		2511632	Chloroethane	111	51	133
	020509LCSA32D		2511616	Chloroethane	111	51	133
	020509LCSA32D		2511633	Chloroethane	111	51	133
	020509LCSA32D		2511628	Chloroethane	111	51	133
	020509LCSA32D		2511634	Chloroform	96	78	118
	020509LCSA32D		2511616	Chloroform	96	78	118
	020509LCSA32D		2511632	Chloroform	96	78	118
	020509LCSA32D		2511633	Chloroform	96	78	118
	020509LCSA32D		2511628	Chloroform	96	78	118
	020509LCSA32D		2511616	Chloromethane	110	46	142
	020509LCSA32D		2511633	Chloromethane	110	46	142
	020509LCSA32D		2511632	Chloromethane	110	46	142
	020509LCSA32D		2511634	Chloromethane	110	46	142
	020509LCSA32D		2511628	Chloromethane	110	46	142
	020509LCSA32D		2511632	Cis-1,2-DCE	98.5	75	115
	020509LCSA32D		2511634	Cis-1,2-DCE	98.5	75	115
	020509LCSA32D		2511628	Cis-1,2-DCE	98.5	75	115
	020509LCSA32D		2511616	Cis-1,2-DCE	98.5	75	115
	020509LCSA32D		2511633	Cis-1,2-DCE	98.5	75	115
	020509LCSA32D		2511628	cis-1,3-Dichloropropene	92.5	76	113
	020509LCSA32D		2511632	cis-1,3-Dichloropropene	92.5	76	113
	020509LCSA32D		2511616	cis-1,3-Dichloropropene	92.5	76	113
	020509LCSA32D		2511633	cis-1,3-Dichloropropene	92.5	76	113
	020509LCSA32D		2511634	cis-1,3-Dichloropropene	92.5	76	113
	020509LCSA32D		2511633	Dibromochloromethane	91	76	116

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32D	WATER	2511632	Dibromochloromethane	91	76	116
	020509LCSA32D		2511634	Dibromochloromethane	91	76	116
	020509LCSA32D		2511628	Dibromochloromethane	91	76	116
	020509LCSA32D		2511616	Dibromochloromethane	91	76	116
	020509LCSA32D		2511628	Dibromomethane	99.5	77	117
	020509LCSA32D		2511633	Dibromomethane	99.5	77	117
	020509LCSA32D		2511616	Dibromomethane	99.5	77	117
	020509LCSA32D		2511634	Dibromomethane	99.5	77	117
	020509LCSA32D		2511632	Dibromomethane	99.5	77	117
	020509LCSA32D		2511616	Dichlorodifluoromethane	99.5	56	140
	020509LCSA32D		2511633	Dichlorodifluoromethane	99.5	56	140
	020509LCSA32D		2511628	Dichlorodifluoromethane	99.5	56	140
	020509LCSA32D		2511634	Dichlorodifluoromethane	99.5	56	140
	020509LCSA32D		2511632	Dichlorodifluoromethane	99.5	56	140
	020509LCSA32D		2511616	Ethylbenzene	95.5	78	118
	020509LCSA32D		2511633	Ethylbenzene	95.5	78	118
	020509LCSA32D		2511634	Ethylbenzene	95.5	78	118
	020509LCSA32D		2511628	Ethylbenzene	95.5	78	118
	020509LCSA32D		2511632	Ethylbenzene	95.5	78	118
	020509LCSA32D		2511633	Hexachlorobutadiene	99	73	123
	020509LCSA32D		2511634	Hexachlorobutadiene	99	73	123
	020509LCSA32D		2511616	Hexachlorobutadiene	99	73	123
	020509LCSA32D		2511632	Hexachlorobutadiene	99	73	123
	020509LCSA32D		2511628	Hexachlorobutadiene	99	73	123
	020509LCSA32D		2511633	Isopropylbenzene	94	71	113
	020509LCSA32D		2511634	Isopropylbenzene	94	71	113
	020509LCSA32D		2511616	Isopropylbenzene	94	71	113
	020509LCSA32D		2511628	Isopropylbenzene	94	71	113
	020509LCSA32D		2511632	Isopropylbenzene	94	71	113
	020509LCSA32D		2511634	m,p-Xylene	95	78	118
	020509LCSA32D		2511632	m,p-Xylene	95	78	118
	020509LCSA32D		2511633	m,p-Xylene	95	78	118
	020509LCSA32D		2511628	m,p-Xylene	95	78	118
	020509LCSA32D		2511616	m,p-Xylene	95	78	118
	020509LCSA32D		2511633	Methyl tert-Butyl Ether	98	58	116
	020509LCSA32D		2511628	Methyl tert-Butyl Ether	98	58	116
	020509LCSA32D		2511634	Methyl tert-Butyl Ether	98	58	116
	020509LCSA32D		2511632	Methyl tert-Butyl Ether	98	58	116
	020509LCSA32D		2511616	Methyl tert-Butyl Ether	98	58	116
	020509LCSA32D		2511628	Methylene chloride	108	71	119
	020509LCSA32D		2511616	Methylene chloride	108	71	119
	020509LCSA32D		2511632	Methylene chloride	108	71	119

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32D	WATER	2511633	Methylene chloride	108	71	119
	020509LCSA32D		2511634	Methylene chloride	108	71	119
	020509LCSA32D		2511632	Naphthalene	102	62	121
	020509LCSA32D		2511633	Naphthalene	102	62	121
	020509LCSA32D		2511616	Naphthalene	102	62	121
	020509LCSA32D		2511628	Naphthalene	102	62	121
	020509LCSA32D		2511634	Naphthalene	102	62	121
	020509LCSA32D		2511616	n-Butylbenzene	98	76	117
	020509LCSA32D		2511633	n-Butylbenzene	98	76	117
	020509LCSA32D		2511628	n-Butylbenzene	98	76	117
	020509LCSA32D		2511632	n-Butylbenzene	98	76	117
	020509LCSA32D		2511634	n-Butylbenzene	98	76	117
	020509LCSA32D		2511628	n-Propylbenzene	97	76	116
	020509LCSA32D		2511616	n-Propylbenzene	97	76	116
	020509LCSA32D		2511632	n-Propylbenzene	97	76	116
	020509LCSA32D		2511634	n-Propylbenzene	97	76	116
	020509LCSA32D		2511633	n-Propylbenzene	97	76	116
	020509LCSA32D		2511616	o-Xylene	101	77	117
	020509LCSA32D		2511632	o-Xylene	101	77	117
	020509LCSA32D		2511628	o-Xylene	101	77	117
	020509LCSA32D		2511634	o-Xylene	101	77	117
	020509LCSA32D		2511633	o-Xylene	101	77	117
	020509LCSA32D		2511628	p-Isopropyltoluene	96.5	76	113
	020509LCSA32D		2511632	p-Isopropyltoluene	96.5	76	113
	020509LCSA32D		2511616	p-Isopropyltoluene	96.5	76	113
	020509LCSA32D		2511633	p-Isopropyltoluene	96.5	76	113
	020509LCSA32D		2511634	p-Isopropyltoluene	96.5	76	113
	020509LCSA32D		2511632	Sec-Butylbenzene	97	80	120
	020509LCSA32D		2511616	Sec-Butylbenzene	97	80	120
	020509LCSA32D		2511628	Sec-Butylbenzene	97	80	120
	020509LCSA32D		2511633	Sec-Butylbenzene	97	80	120
	020509LCSA32D		2511634	Sec-Butylbenzene	97	80	120
	020509LCSA32D		2511616	Styrene	96.5	77	117
	020509LCSA32D		2511628	Styrene	96.5	77	117
	020509LCSA32D		2511633	Styrene	96.5	77	117
	020509LCSA32D		2511634	Styrene	96.5	77	117
	020509LCSA32D		2511632	Styrene	96.5	77	117
	020509LCSA32D		2511634	tert-Butylbenzene	95	76	116
	020509LCSA32D		2511632	tert-Butylbenzene	95	76	116
	020509LCSA32D		2511628	tert-Butylbenzene	95	76	116
	020509LCSA32D		2511616	tert-Butylbenzene	95	76	116
	020509LCSA32D		2511633	tert-Butylbenzene	95	76	116

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA32D	WATER	2511628	Tetrachloroethene	98	77	117
	020509LCSA32D		2511616	Tetrachloroethene	98	77	117
	020509LCSA32D		2511632	Tetrachloroethene	98	77	117
	020509LCSA32D		2511634	Tetrachloroethene	98	77	117
	020509LCSA32D		2511633	Tetrachloroethene	98	77	117
	020509LCSA32D		2511628	Toluene	97	73	120
	020509LCSA32D		2511616	Toluene	97	73	120
	020509LCSA32D		2511634	Toluene	97	73	120
	020509LCSA32D		2511633	Toluene	97	73	120
	020509LCSA32D		2511632	Toluene	97	73	120
	020509LCSA32D		2511633	trans-1,2-Dichloroethene	98.5	80	120
	020509LCSA32D		2511616	trans-1,2-Dichloroethene	98.5	80	120
	020509LCSA32D		2511632	trans-1,2-Dichloroethene	98.5	80	120
	020509LCSA32D		2511628	trans-1,2-Dichloroethene	98.5	80	120
	020509LCSA32D		2511634	trans-1,2-Dichloroethene	98.5	80	120
	020509LCSA32D		2511628	trans-1,3-Dichloropropene	90	72	117
	020509LCSA32D		2511632	trans-1,3-Dichloropropene	90	72	117
	020509LCSA32D		2511634	trans-1,3-Dichloropropene	90	72	117
	020509LCSA32D		2511616	trans-1,3-Dichloropropene	90	72	117
	020509LCSA32D		2511633	trans-1,3-Dichloropropene	90	72	117
	020509LCSA32D		2511632	Trichloroethene	96.5	78	122
	020509LCSA32D		2511616	Trichloroethene	96.5	78	122
	020509LCSA32D		2511628	Trichloroethene	96.5	78	122
	020509LCSA32D		2511634	Trichloroethene	96.5	78	122
	020509LCSA32D		2511633	Trichloroethene	96.5	78	122
	020509LCSA32D		2511634	Trichlorofluoromethane	104	65	190
	020509LCSA32D		2511632	Trichlorofluoromethane	104	65	190
	020509LCSA32D		2511616	Trichlorofluoromethane	104	65	190
	020509LCSA32D		2511633	Trichlorofluoromethane	104	65	190
	020509LCSA32D		2511628	Trichlorofluoromethane	104	65	190
	020509LCSA32D		2511628	Vinyl chloride	81	49	136
	020509LCSA32D		2511633	Vinyl chloride	81	49	136
	020509LCSA32D		2511632	Vinyl chloride	81	49	136
	020509LCSA32D		2511634	Vinyl chloride	81	49	136
	020509LCSA32D		2511616	Vinyl chloride	81	49	136
	020509LCSA32D		2511634	Xylenes, Total	96.8	77	117
	020509LCSA32D		2511633	Xylenes, Total	96.8	77	117
	020509LCSA32D		2511616	Xylenes, Total	96.8	77	117
	020509LCSA32D		2511632	Xylenes, Total	96.8	77	117
	020509LCSA32D		2511628	Xylenes, Total	96.8	77	117
	020509LCSA34		2511664	1,1,1,2-Tetrachloroethane	100	77	117
	020509LCSA34		2511664	1,1,1-Trichloroethane	100	78	118

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA34	WATER	2511664	1,1,2,2-Tetrachloroethane	106	73	119
	020509LCSA34		2511664	1,1,2-Trichloroethane	106	76	116
	020509LCSA34		2511664	1,1-Dichloroethane	104	77	117
	020509LCSA34		2511664	1,1-Dichloroethene	108	66	133
	020509LCSA34		2511664	1,1-Dichloropropene	104	75	115
	020509LCSA34		2511664	1,2,3-Trichlorobenzene	122	66	123
	020509LCSA34		2511664	1,2,3-Trichloropropane	104	84	118
	020509LCSA34		2511664	1,2,4-Trichlorobenzene	116	73	121
	020509LCSA34		2511664	1,2,4-Trimethylbenzene	104	77	120
	020509LCSA34		2511664	1,2-Dibromo-3-chloropropane	100	65	117
	020509LCSA34		2511664	1,2-Dibromoethane	102	77	117
	020509LCSA34		2511664	1,2-Dichlorobenzene	104	76	116
	020509LCSA34		2511664	1,2-Dichloroethane	102	74	120
	020509LCSA34		2511664	1,2-Dichloropropane	104	76	116
	020509LCSA34		2511664	1,3,5-Trimethylbenzene	106	77	117
	020509LCSA34		2511664	1,3-Dichlorobenzene	100	75	115
	020509LCSA34		2511664	1,3-Dichloropropane	104	75	115
	020509LCSA34		2511664	1,4-Dichlorobenzene	102	77	117
	020509LCSA34		2511664	2,2-Dichloropropane	97.5	72	128
	020509LCSA34		2511664	2-Butanone	98.8	57	120
	020509LCSA34		2511664	2-Chlorotoluene	104	76	116
	020509LCSA34		2511664	2-Hexanone	106	57	121
	020509LCSA34		2511664	4-Chlorotoluene	102	78	118
	020509LCSA34		2511664	4-Methyl-2-Pentanone	103	65	118
	020509LCSA34		2511664	Acetone	96.2	48	130
	020509LCSA34		2511664	Benzene	103	77	118
	020509LCSA34		2511664	Bromobenzene	97.5	75	115
	020509LCSA34		2511664	Bromochloromethane	108	78	118
	020509LCSA34		2511664	Bromodichloromethane	99.5	78	118
	020509LCSA34		2511664	Bromoform	86	74	121
	020509LCSA34		2511664	Bromomethane	113	42	154
	020509LCSA34		2511664	Carbon Disulfide	101	56	104
	020509LCSA34		2511664	Carbon tetrachloride	97	80	120
	020509LCSA34		2511664	Chlorobenzene	105	78	118
	020509LCSA34		2511664	Chloroethane	86	51	133
	020509LCSA34		2511664	Chloroform	99.5	78	118
	020509LCSA34		2511664	Chloromethane	109	46	142
	020509LCSA34		2511664	Cis-1,2-DCE	107	75	115
	020509LCSA34		2511664	cis-1,3-Dichloropropene	99	76	113
	020509LCSA34		2511664	Dibromochloromethane	93	76	116
	020509LCSA34		2511664	Dibromomethane	104	77	117
	020509LCSA34		2511664	Dichlorodifluoromethane	88	56	140

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020509LCSA34	WATER	2511664	Ethylbenzene	104	78	118
	020509LCSA34		2511664	Hexachlorobutadiene	108	73	123
	020509LCSA34		2511664	Isopropylbenzene	103	71	113
	020509LCSA34		2511664	m,p-Xylene	104	78	118
	020509LCSA34		2511664	Methyl tert-Butyl Ether	101	58	116
	020509LCSA34		2511664	Methylene chloride	118	71	119
	020509LCSA34		2511664	**Naphthalene**	**124**	**62**	**121**
	020509LCSA34		2511664	n-Butylbenzene	108	76	117
	020509LCSA34		2511664	n-Propylbenzene	105	76	116
	020509LCSA34		2511664	o-Xylene	103	77	117
	020509LCSA34		2511664	p-Isopropyltoluene	105	76	113
	020509LCSA34		2511664	Sec-Butylbenzene	104	80	120
	020509LCSA34		2511664	Styrene	103	77	117
	020509LCSA34		2511664	tert-Butylbenzene	104	76	116
	020509LCSA34		2511664	Tetrachloroethene	104	77	117
	020509LCSA34		2511664	Toluene	104	73	120
	020509LCSA34		2511664	trans-1,2-Dichloroethene	106	80	120
	020509LCSA34		2511664	trans-1,3-Dichloropropene	99.5	72	117
	020509LCSA34		2511664	Trichloroethene	102	78	122
	020509LCSA34		2511664	Trichlorofluoromethane	101	65	190
	020509LCSA34		2511664	Vinyl chloride	85	49	136
	020509LCSA34		2511664	Xylenes, Total	104	77	117
	020609LCSA32		2511664	1,1,1,2-Tetrachloroethane	96	77	117
	020609LCSA32		2511664	1,1,1-Trichloroethane	98.5	78	118
	020609LCSA32		2511664	1,1,2,2-Tetrachloroethane	96	73	119
	020609LCSA32		2511664	1,1,2-Trichloroethane	98	76	116
	020609LCSA32		2511664	1,1-Dichloroethane	100	77	117
	020609LCSA32		2511664	1,1-Dichloroethene	105	66	133
	020609LCSA32		2511664	1,1-Dichloropropene	101	75	115
	020609LCSA32		2511664	1,2,3-Trichlorobenzene	102	66	123
	020609LCSA32		2511664	1,2,3-Trichloropropane	94	84	118
	020609LCSA32		2511664	1,2,4-Trichlorobenzene	96	73	121
	020609LCSA32		2511664	1,2,4-Trimethylbenzene	106	77	120
	020609LCSA32		2511664	1,2-Dibromo-3-chloropropane	84	65	117
	020609LCSA32		2511664	1,2-Dibromoethane	94	77	117
	020609LCSA32		2511664	1,2-Dichlorobenzene	100	76	116
	020609LCSA32		2511664	1,2-Dichloroethane	96.5	74	120
	020609LCSA32		2511664	1,2-Dichloropropane	101	76	116
	020609LCSA32		2511664	1,3,5-Trimethylbenzene	108	77	117
	020609LCSA32		2511664	1,3-Dichlorobenzene	102	75	115
	020609LCSA32		2511664	1,3-Dichloropropane	96.5	75	115
	020609LCSA32		2511664	1,4-Dichlorobenzene	102	77	117

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020609LCSA32	WATER	2511664	2,2-Dichloropropane	99.5	72	128
	020609LCSA32		2511664	2-Butanone	96.3	57	120
	020609LCSA32		2511664	2-Chlorotoluene	108	76	116
	020609LCSA32		2511664	2-Hexanone	91.3	57	121
	020609LCSA32		2511664	4-Chlorotoluene	105	78	118
	020609LCSA32		2511664	4-Methyl-2-Pentanone	92.3	65	118
	020609LCSA32		2511664	Acetone	83.3	48	130
	020609LCSA32		2511664	Benzene	102	77	118
	020609LCSA32		2511664	Bromobenzene	96	75	115
	020609LCSA32		2511664	Bromochloromethane	102	78	118
	020609LCSA32		2511664	Bromodichloromethane	96.5	78	118
	020609LCSA32		2511664	Bromoform	80	74	121
	020609LCSA32		2511664	Bromomethane	124	42	154
	020609LCSA32		2511664	**Carbon Disulfide**	**106**	**56**	**104**
	020609LCSA32		2511664	Carbon tetrachloride	93	80	120
	020609LCSA32		2511664	Chlorobenzene	101	78	118
	020609LCSA32		2511664	Chloroethane	116	51	133
	020609LCSA32		2511664	Chloroform	99	78	118
	020609LCSA32		2511664	Chloromethane	116	46	142
	020609LCSA32		2511664	Cis-1,2-DCE	104	75	115
	020609LCSA32		2511664	cis-1,3-Dichloropropene	94.5	76	113
	020609LCSA32		2511664	Dibromochloromethane	90	76	116
	020609LCSA32		2511664	Dibromomethane	100	77	117
	020609LCSA32		2511664	Dichlorodifluoromethane	110	56	140
	020609LCSA32		2511664	Ethylbenzene	100	78	118
	020609LCSA32		2511664	Hexachlorobutadiene	104	73	123
	020609LCSA32		2511664	Isopropylbenzene	106	71	113
	020609LCSA32		2511664	m,p-Xylene	103	78	118
	020609LCSA32		2511664	Methyl tert-Butyl Ether	90.5	58	116
	020609LCSA32		2511664	Methylene chloride	104	71	119
	020609LCSA32		2511664	Naphthalene	95.5	62	121
	020609LCSA32		2511664	n-Butylbenzene	106	76	117
	020609LCSA32		2511664	n-Propylbenzene	106	76	116
	020609LCSA32		2511664	o-Xylene	106	77	117
	020609LCSA32		2511664	p-Isopropyltoluene	106	76	113
	020609LCSA32		2511664	Sec-Butylbenzene	104	80	120
	020609LCSA32		2511664	Styrene	100	77	117
	020609LCSA32		2511664	tert-Butylbenzene	105	76	116
	020609LCSA32		2511664	Tetrachloroethene	100	77	117
	020609LCSA32		2511664	Toluene	103	73	120
	020609LCSA32		2511664	trans-1,2-Dichloroethene	104	80	120
	020609LCSA32		2511664	trans-1,3-Dichloropropene	91.5	72	117

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020609LCSA32	WATER	2511664	Trichloroethene	102	78	122
	020609LCSA32		2511664	Trichlorofluoromethane	114	65	190
	020609LCSA32		2511664	Vinyl chloride	90	49	136
	020609LCSA32		2511664	Xylenes, Total	104	77	117
	020609LCSA34		2511696	1,1,1,2-Tetrachloroethane	91	77	117
	020609LCSA34		2511696	1,1,1-Trichloroethane	99	78	118
	020609LCSA34		2511696	1,1,2,2-Tetrachloroethane	91.5	73	119
	020609LCSA34		2511696	1,1,2-Trichloroethane	101	76	116
	020609LCSA34		2511696	1,1-Dichloroethane	101	77	117
	020609LCSA34		2511696	1,1-Dichloroethene	105	66	133
	020609LCSA34		2511696	1,1-Dichloropropene	99.5	75	115
	020609LCSA34		2511696	1,2,3-Trichlorobenzene	82.5	66	123
	020609LCSA34		2511696	1,2,3-Trichloropropane	91	84	118
	020609LCSA34		2511696	1,2,4-Trichlorobenzene	85	73	121
	020609LCSA34		2511696	1,2,4-Trimethylbenzene	99.5	77	120
	020609LCSA34		2511696	1,2-Dibromo-3-chloropropane	77.5	65	117
	020609LCSA34		2511696	1,2-Dibromoethane	89	77	117
	020609LCSA34		2511696	1,2-Dichlorobenzene	95.5	76	116
	020609LCSA34		2511696	1,2-Dichloroethane	98	74	120
	020609LCSA34		2511696	1,2-Dichloropropane	103	76	116
	020609LCSA34		2511696	1,3,5-Trimethylbenzene	101	77	117
	020609LCSA34		2511696	1,3-Dichlorobenzene	96.5	75	115
	020609LCSA34		2511696	1,3-Dichloropropane	91.5	75	115
	020609LCSA34		2511696	1,4-Dichlorobenzene	96	77	117
	020609LCSA34		2511696	2,2-Dichloropropane	94.5	72	128
	020609LCSA34		2511696	2-Butanone	88.7	57	120
	020609LCSA34		2511696	2-Chlorotoluene	99	76	116
	020609LCSA34		2511696	2-Hexanone	83.5	57	121
	020609LCSA34		2511696	4-Chlorotoluene	97.5	78	118
	020609LCSA34		2511696	4-Methyl-2-Pentanone	91.7	65	118
	020609LCSA34		2511696	Acetone	84	48	130
	020609LCSA34		2511696	Benzene	99.5	77	118
	020609LCSA34		2511696	Bromobenzene	94	75	115
	020609LCSA34		2511696	Bromochloromethane	107	78	118
	020609LCSA34		2511696	Bromodichloromethane	98.5	78	118
	020609LCSA34		2511696	Bromoform	78	74	121
	020609LCSA34		2511696	Bromomethane	124	42	154
	020609LCSA34		2511696	Carbon Disulfide	104	56	104
	020609LCSA34		2511696	Carbon tetrachloride	94.5	80	120
	020609LCSA34		2511696	Chlorobenzene	96.5	78	118
	020609LCSA34		2511696	Chloroethane	114	51	133
	020609LCSA34		2511696	Chloroform	100	78	118

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020609LCSA34	WATER	2511696	Chloromethane	110	46	142
	020609LCSA34		2511696	Cis-1,2-DCE	105	75	115
	020609LCSA34		2511696	cis-1,3-Dichloropropene	97.5	76	113
	020609LCSA34		2511696	Dibromochloromethane	87	76	116
	020609LCSA34		2511696	Dibromomethane	102	77	117
	020609LCSA34		2511696	Dichlorodifluoromethane	84	56	140
	020609LCSA34		2511696	Ethylbenzene	94.5	78	118
	020609LCSA34		2511696	Hexachlorobutadiene	93.5	73	123
	020609LCSA34		2511696	Isopropylbenzene	97.5	71	113
	020609LCSA34		2511696	m,p-Xylene	96.2	78	118
	020609LCSA34		2511696	Methyl tert-Butyl Ether	92.5	58	116
	020609LCSA34		2511696	**Methylene chloride**	**130**	**71**	**119**
	020609LCSA34		2511696	Naphthalene	78	62	121
	020609LCSA34		2511696	n-Butylbenzene	98.5	76	117
	020609LCSA34		2511696	n-Propylbenzene	101	76	116
	020609LCSA34		2511696	o-Xylene	100	77	117
	020609LCSA34		2511696	p-Isopropyltoluene	99	76	113
	020609LCSA34		2511696	Sec-Butylbenzene	99	80	120
	020609LCSA34		2511696	Styrene	96.5	77	117
	020609LCSA34		2511696	tert-Butylbenzene	98.5	76	116
	020609LCSA34		2511696	Tetrachloroethene	94	77	117
	020609LCSA34		2511696	Toluene	106	73	120
	020609LCSA34		2511696	trans-1,2-Dichloroethene	104	80	120
	020609LCSA34		2511696	trans-1,3-Dichloropropene	95	72	117
	020609LCSA34		2511696	Trichloroethene	102	78	122
	020609LCSA34		2511696	Trichlorofluoromethane	103	65	190
	020609LCSA34		2511696	Vinyl chloride	84	49	136
	020609LCSA34		2511696	Xylenes, Total	97.5	77	117
	021909LCSA32		2511758	1,1,1,2-Tetrachloroethane	95	77	117
	021909LCSA32		2511758	1,1,1-Trichloroethane	90	78	118
	021909LCSA32		2511758	1,1,2,2-Tetrachloroethane	100	73	119
	021909LCSA32		2511758	1,1,2-Trichloroethane	95	76	116
	021909LCSA32		2511758	1,1-Dichloroethane	95	77	117
	021909LCSA32		2511758	1,1-Dichloroethene	90	66	133
	021909LCSA32		2511758	1,1-Dichloropropene	95	75	115
	021909LCSA32		2511758	**1,2,3-Trichlorobenzene**	**125**	**66**	**123**
	021909LCSA32		2511758	1,2,3-Trichloropropane	100	84	118
	021909LCSA32		2511758	1,2,4-Trichlorobenzene	120	73	121
	021909LCSA32		2511758	1,2,4-Trimethylbenzene	100	77	120
	021909LCSA32		2511758	1,2-Dibromo-3-chloropropane	105	65	117
	021909LCSA32		2511758	1,2-Dibromoethane	100	77	117
	021909LCSA32		2511758	1,2-Dichlorobenzene	100	76	116

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	021909LCSA32	WATER	2511758	1,2-Dichloroethane	95	74	120
	021909LCSA32		2511758	1,2-Dichloropropane	95	76	116
	021909LCSA32		2511758	1,3,5-Trimethylbenzene	100	77	117
	021909LCSA32		2511758	1,3-Dichlorobenzene	95	75	115
	021909LCSA32		2511758	1,3-Dichloropropane	100	75	115
	021909LCSA32		2511758	1,4-Dichlorobenzene	95	77	117
	021909LCSA32		2511758	2,2-Dichloropropane	100	72	128
	021909LCSA32		2511758	2-Butanone	108	57	120
	021909LCSA32		2511758	2-Chlorotoluene	100	76	116
	021909LCSA32		2511758	2-Hexanone	113	57	121
	021909LCSA32		2511758	4-Chlorotoluene	95	78	118
	021909LCSA32		2511758	4-Methyl-2-Pentanone	107	65	118
	021909LCSA32		2511758	Acetone	107	48	130
	021909LCSA32		2511758	Benzene	95	77	118
	021909LCSA32		2511758	Bromobenzene	90	75	115
	021909LCSA32		2511758	Bromochloromethane	95	78	118
	021909LCSA32		2511758	Bromodichloromethane	90	78	118
	021909LCSA32		2511758	Bromoform	100	74	121
	021909LCSA32		2511758	Bromomethane	90	42	154
	021909LCSA32		2511758	Carbon Disulfide	95	56	104
	021909LCSA32		2511758	Carbon tetrachloride	90	80	120
	021909LCSA32		2511758	Chlorobenzene	95	78	118
	021909LCSA32		2511758	Chloroethane	90	51	133
	021909LCSA32		2511758	Chloroform	95	78	118
	021909LCSA32		2511758	Chloromethane	80	46	142
	021909LCSA32		2511758	Cis-1,2-DCE	95	75	115
	021909LCSA32		2511758	cis-1,3-Dichloropropene	100	76	113
	021909LCSA32		2511758	Dibromochloromethane	100	76	116
	021909LCSA32		2511758	Dibromomethane	95	77	117
	021909LCSA32		2511758	Dichlorodifluoromethane	80	56	140
	021909LCSA32		2511758	Ethylbenzene	100	78	118
	021909LCSA32		2511758	Hexachlorobutadiene	110	73	123
	021909LCSA32		2511758	Isopropylbenzene	95	71	113
	021909LCSA32		2511758	m,p-Xylene	97.5	78	118
	021909LCSA32		2511758	Methyl tert-Butyl Ether	105	58	116
	021909LCSA32		2511758	Methylene chloride	110	71	119
	021909LCSA32		2511758	**Naphthalene**	**125**	**62**	**121**
	021909LCSA32		2511758	n-Butylbenzene	100	76	117
	021909LCSA32		2511758	n-Propylbenzene	100	76	116
	021909LCSA32		2511758	o-Xylene	100	77	117
	021909LCSA32		2511758	p-Isopropyltoluene	100	76	113
	021909LCSA32		2511758	Sec-Butylbenzene	100	80	120

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	021909LCSA32	WATER	2511758	Styrene	105	77	117
	021909LCSA32		2511758	tert-Butylbenzene	100	76	116
	021909LCSA32		2511758	Tetrachloroethene	95	77	117
	021909LCSA32		2511758	Toluene	95	73	120
	021909LCSA32		2511758	trans-1,2-Dichloroethene	95	80	120
	021909LCSA32		2511758	trans-1,3-Dichloropropene	105	72	117
	021909LCSA32		2511758	Trichloroethene	100	78	122
	021909LCSA32		2511758	Trichlorofluoromethane	90	65	190
	021909LCSA32		2511758	Vinyl chloride	90	49	136
	021909LCSA32		2511758	Xylenes, Total	98.3	77	117
	021909LCSA32D		2511758	1,1,1,2-Tetrachloroethane	95	77	117
	021909LCSA32D		2511758	1,1,1-Trichloroethane	90	78	118
	021909LCSA32D		2511758	1,1,2,2-Tetrachloroethane	100	73	119
	021909LCSA32D		2511758	1,1,2-Trichloroethane	100	76	116
	021909LCSA32D		2511758	1,1-Dichloroethane	95	77	117
	021909LCSA32D		2511758	1,1-Dichloroethene	90	66	133
	021909LCSA32D		2511758	1,1-Dichloropropene	95	75	115
	021909LCSA32D		2511758	**1,2,3-Trichlorobenzene**	**125**	**66**	**123**
	021909LCSA32D		2511758	1,2,3-Trichloropropane	100	84	118
	021909LCSA32D		2511758	1,2,4-Trichlorobenzene	120	73	121
	021909LCSA32D		2511758	1,2,4-Trimethylbenzene	95	77	120
	021909LCSA32D		2511758	1,2-Dibromo-3-chloropropane	115	65	117
	021909LCSA32D		2511758	1,2-Dibromoethane	100	77	117
	021909LCSA32D		2511758	1,2-Dichlorobenzene	100	76	116
	021909LCSA32D		2511758	1,2-Dichloroethane	95	74	120
	021909LCSA32D		2511758	1,2-Dichloropropane	95	76	116
	021909LCSA32D		2511758	1,3,5-Trimethylbenzene	100	77	117
	021909LCSA32D		2511758	1,3-Dichlorobenzene	100	75	115
	021909LCSA32D		2511758	1,3-Dichloropropane	100	75	115
	021909LCSA32D		2511758	1,4-Dichlorobenzene	95	77	117
	021909LCSA32D		2511758	2,2-Dichloropropane	100	72	128
	021909LCSA32D		2511758	2-Butanone	113	57	120
	021909LCSA32D		2511758	2-Chlorotoluene	100	76	116
	021909LCSA32D		2511758	2-Hexanone	115	57	121
	021909LCSA32D		2511758	4-Chlorotoluene	95	78	118
	021909LCSA32D		2511758	4-Methyl-2-Pentanone	105	65	118
	021909LCSA32D		2511758	Acetone	113	48	130
	021909LCSA32D		2511758	Benzene	95	77	118
	021909LCSA32D		2511758	Bromobenzene	90	75	115
	021909LCSA32D		2511758	Bromochloromethane	95	78	118
	021909LCSA32D		2511758	Bromodichloromethane	90	78	118
	021909LCSA32D		2511758	Bromoform	100	74	121

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	021909LCSA32D	WATER	2511758	Bromomethane	90	42	154
	021909LCSA32D		2511758	Carbon Disulfide	90	56	104
	021909LCSA32D		2511758	Carbon tetrachloride	90	80	120
	021909LCSA32D		2511758	Chlorobenzene	95	78	118
	021909LCSA32D		2511758	Chloroethane	90	51	133
	021909LCSA32D		2511758	Chloroform	95	78	118
	021909LCSA32D		2511758	Chloromethane	90	46	142
	021909LCSA32D		2511758	Cis-1,2-DCE	95	75	115
	021909LCSA32D		2511758	cis-1,3-Dichloropropene	100	76	113
	021909LCSA32D		2511758	Dibromochloromethane	95	76	116
	021909LCSA32D		2511758	Dibromomethane	105	77	117
	021909LCSA32D		2511758	Dichlorodifluoromethane	80	56	140
	021909LCSA32D		2511758	Ethylbenzene	95	78	118
	021909LCSA32D		2511758	Hexachlorobutadiene	105	73	123
	021909LCSA32D		2511758	Isopropylbenzene	95	71	113
	021909LCSA32D		2511758	m,p-Xylene	97.5	78	118
	021909LCSA32D		2511758	Methyl tert-Butyl Ether	100	58	116
	021909LCSA32D		2511758	Methylene chloride	110	71	119
	021909LCSA32D		2511758	**Naphthalene**	**130**	**62**	**121**
	021909LCSA32D		2511758	n-Butylbenzene	100	76	117
	021909LCSA32D		2511758	n-Propylbenzene	100	76	116
	021909LCSA32D		2511758	o-Xylene	100	77	117
	021909LCSA32D		2511758	p-Isopropyltoluene	100	76	113
	021909LCSA32D		2511758	Sec-Butylbenzene	95	80	120
	021909LCSA32D		2511758	Styrene	100	77	117
	021909LCSA32D		2511758	tert-Butylbenzene	95	76	116
	021909LCSA32D		2511758	Tetrachloroethene	95	77	117
	021909LCSA32D		2511758	Toluene	95	73	120
	021909LCSA32D		2511758	trans-1,2-Dichloroethene	95	80	120
	021909LCSA32D		2511758	trans-1,3-Dichloropropene	105	72	117
	021909LCSA32D		2511758	Trichloroethene	95	78	122
	021909LCSA32D		2511758	Trichlorofluoromethane	95	65	190
	021909LCSA32D		2511758	Vinyl chloride	90	49	136
	021909LCSA32D		2511758	Xylenes, Total	98.3	77	117
	022009LCSA32		2511758	1,1,1,2-Tetrachloroethane	90	77	117
	022009LCSA32		2511758	1,1,1-Trichloroethane	100	78	118
	022009LCSA32		2511758	1,1,2,2-Tetrachloroethane	100	73	119
	022009LCSA32		2511758	1,1,2-Trichloroethane	95	76	116
	022009LCSA32		2511758	1,1-Dichloroethane	95	77	117
	022009LCSA32		2511758	1,1-Dichloroethene	90	66	133
	022009LCSA32		2511758	1,1-Dichloropropene	100	75	115
	022009LCSA32		2511758	**1,2,3-Trichlorobenzene**	**130**	**66**	**123**

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	022009LCSA32	WATER	2511758	1,2,3-Trichloropropane	100	84	118
	022009LCSA32		2511758	**1,2,4-Trichlorobenzene**	**125**	**73**	**121**
	022009LCSA32		2511758	1,2,4-Trimethylbenzene	100	77	120
	022009LCSA32		2511758	1,2-Dibromo-3-chloropropane	115	65	117
	022009LCSA32		2511758	1,2-Dibromoethane	100	77	117
	022009LCSA32		2511758	1,2-Dichlorobenzene	100	76	116
	022009LCSA32		2511758	1,2-Dichloroethane	100	74	120
	022009LCSA32		2511758	1,2-Dichloropropane	95	76	116
	022009LCSA32		2511758	1,3,5-Trimethylbenzene	100	77	117
	022009LCSA32		2511758	1,3-Dichlorobenzene	100	75	115
	022009LCSA32		2511758	1,3-Dichloropropane	100	75	115
	022009LCSA32		2511758	1,4-Dichlorobenzene	95	77	117
	022009LCSA32		2511758	2,2-Dichloropropane	110	72	128
	022009LCSA32		2511758	2-Butanone	115	57	120
	022009LCSA32		2511758	2-Chlorotoluene	100	76	116
	022009LCSA32		2511758	2-Hexanone	112	57	121
	022009LCSA32		2511758	4-Chlorotoluene	100	78	118
	022009LCSA32		2511758	4-Methyl-2-Pentanone	105	65	118
	022009LCSA32		2511758	Acetone	122	48	130
	022009LCSA32		2511758	Benzene	95	77	118
	022009LCSA32		2511758	Bromobenzene	90	75	115
	022009LCSA32		2511758	Bromochloromethane	100	78	118
	022009LCSA32		2511758	Bromodichloromethane	95	78	118
	022009LCSA32		2511758	Bromoform	95	74	121
	022009LCSA32		2511758	Bromomethane	95	42	154
	022009LCSA32		2511758	Carbon Disulfide	95	56	104
	022009LCSA32		2511758	Carbon tetrachloride	95	80	120
	022009LCSA32		2511758	Chlorobenzene	95	78	118
	022009LCSA32		2511758	Chloroethane	90	51	133
	022009LCSA32		2511758	Chloroform	95	78	118
	022009LCSA32		2511758	Chloromethane	95	46	142
	022009LCSA32		2511758	Cis-1,2-DCE	95	75	115
	022009LCSA32		2511758	cis-1,3-Dichloropropene	100	76	113
	022009LCSA32		2511758	Dibromochloromethane	95	76	116
	022009LCSA32		2511758	Dibromomethane	100	77	117
	022009LCSA32		2511758	Dichlorodifluoromethane	95	56	140
	022009LCSA32		2511758	Ethylbenzene	95	78	118
	022009LCSA32		2511758	Hexachlorobutadiene	115	73	123
	022009LCSA32		2511758	Isopropylbenzene	100	71	113
	022009LCSA32		2511758	m,p-Xylene	95	78	118
	022009LCSA32		2511758	Methyl tert-Butyl Ether	110	58	116
	022009LCSA32		2511758	Methylene chloride	95	71	119

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	022009LCSA32	WATER	2511758	**Naphthalene**	**130**	**62**	**121**
	022009LCSA32		2511758	n-Butylbenzene	105	76	117
	022009LCSA32		2511758	n-Propylbenzene	100	76	116
	022009LCSA32		2511758	o-Xylene	100	77	117
	022009LCSA32		2511758	p-Isopropyltoluene	100	76	113
	022009LCSA32		2511758	Sec-Butylbenzene	100	80	120
	022009LCSA32		2511758	Styrene	100	77	117
	022009LCSA32		2511758	tert-Butylbenzene	100	76	116
	022009LCSA32		2511758	Tetrachloroethene	95	77	117
	022009LCSA32		2511758	Toluene	95	73	120
	022009LCSA32		2511758	trans-1,2-Dichloroethene	95	80	120
	022009LCSA32		2511758	trans-1,3-Dichloropropene	100	72	117
	022009LCSA32		2511758	Trichloroethene	95	78	122
	022009LCSA32		2511758	Trichlorofluoromethane	100	65	190
	022009LCSA32		2511758	Vinyl chloride	80	49	136
	022009LCSA32		2511758	Xylenes, Total	96.7	77	117
	022009LCSA32D		2511758	1,1,1,2-Tetrachloroethane	90	77	117
	022009LCSA32D		2511758	1,1,1-Trichloroethane	95	78	118
	022009LCSA32D		2511758	1,1,2,2-Tetrachloroethane	95	73	119
	022009LCSA32D		2511758	1,1,2-Trichloroethane	90	76	116
	022009LCSA32D		2511758	1,1-Dichloroethane	95	77	117
	022009LCSA32D		2511758	1,1-Dichloroethene	85	66	133
	022009LCSA32D		2511758	1,1-Dichloropropene	95	75	115
	022009LCSA32D		2511758	1,2,3-Trichlorobenzene	120	66	123
	022009LCSA32D		2511758	1,2,3-Trichloropropane	100	84	118
	022009LCSA32D		2511758	1,2,4-Trichlorobenzene	110	73	121
	022009LCSA32D		2511758	1,2,4-Trimethylbenzene	95	77	120
	022009LCSA32D		2511758	1,2-Dibromo-3-chloropropane	110	65	117
	022009LCSA32D		2511758	1,2-Dibromoethane	100	77	117
	022009LCSA32D		2511758	1,2-Dichlorobenzene	95	76	116
	022009LCSA32D		2511758	1,2-Dichloroethane	95	74	120
	022009LCSA32D		2511758	1,2-Dichloropropane	95	76	116
	022009LCSA32D		2511758	1,3,5-Trimethylbenzene	100	77	117
	022009LCSA32D		2511758	1,3-Dichlorobenzene	95	75	115
	022009LCSA32D		2511758	1,3-Dichloropropane	100	75	115
	022009LCSA32D		2511758	1,4-Dichlorobenzene	90	77	117
	022009LCSA32D		2511758	2,2-Dichloropropane	105	72	128
	022009LCSA32D		2511758	2-Butanone	105	57	120
	022009LCSA32D		2511758	2-Chlorotoluene	95	76	116
	022009LCSA32D		2511758	2-Hexanone	113	57	121
	022009LCSA32D		2511758	4-Chlorotoluene	95	78	118
	022009LCSA32D		2511758	4-Methyl-2-Pentanone	100	65	118

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	022009LCSA32D	WATER	2511758	Acetone	110	48	130
	022009LCSA32D		2511758	Benzene	90	77	118
	022009LCSA32D		2511758	Bromobenzene	90	75	115
	022009LCSA32D		2511758	Bromochloromethane	95	78	118
	022009LCSA32D		2511758	Bromodichloromethane	90	78	118
	022009LCSA32D		2511758	Bromoform	95	74	121
	022009LCSA32D		2511758	Bromomethane	90	42	154
	022009LCSA32D		2511758	Carbon Disulfide	90	56	104
	022009LCSA32D		2511758	Carbon tetrachloride	90	80	120
	022009LCSA32D		2511758	Chlorobenzene	90	78	118
	022009LCSA32D		2511758	Chloroethane	90	51	133
	022009LCSA32D		2511758	Chloroform	95	78	118
	022009LCSA32D		2511758	Chloromethane	80	46	142
	022009LCSA32D		2511758	Cis-1,2-DCE	95	75	115
	022009LCSA32D		2511758	cis-1,3-Dichloropropene	95	76	113
	022009LCSA32D		2511758	Dibromochloromethane	95	76	116
	022009LCSA32D		2511758	Dibromomethane	95	77	117
	022009LCSA32D		2511758	Dichlorodifluoromethane	85	56	140
	022009LCSA32D		2511758	Ethylbenzene	90	78	118
	022009LCSA32D		2511758	Hexachlorobutadiene	105	73	123
	022009LCSA32D		2511758	Isopropylbenzene	95	71	113
	022009LCSA32D		2511758	m,p-Xylene	92.5	78	118
	022009LCSA32D		2511758	Methyl tert-Butyl Ether	105	58	116
	022009LCSA32D		2511758	Methylene chloride	95	71	119
	022009LCSA32D		2511758	Naphthalene	115	62	121
	022009LCSA32D		2511758	n-Butylbenzene	100	76	117
	022009LCSA32D		2511758	n-Propylbenzene	95	76	116
	022009LCSA32D		2511758	o-Xylene	100	77	117
	022009LCSA32D		2511758	p-Isopropyltoluene	95	76	113
	022009LCSA32D		2511758	Sec-Butylbenzene	95	80	120
	022009LCSA32D		2511758	Styrene	100	77	117
	022009LCSA32D		2511758	tert-Butylbenzene	95	76	116
	022009LCSA32D		2511758	Tetrachloroethene	95	77	117
	022009LCSA32D		2511758	Toluene	90	73	120
	022009LCSA32D		2511758	trans-1,2-Dichloroethene	90	80	120
	022009LCSA32D		2511758	trans-1,3-Dichloropropene	100	72	117
	022009LCSA32D		2511758	Trichloroethene	95	78	122
	022009LCSA32D		2511758	Trichlorofluoromethane	95	65	190
	022009LCSA32D		2511758	Vinyl chloride	75	49	136
	022009LCSA32D		2511758	Xylenes, Total	95	77	117
SW8270C							
	277562	WATER	2511584	1,2-Dichlorobenzene	82.8	40	100

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277562	WATER	2511596	1,2-Dichlorobenzene	82.8	40	100
	277562		2511584	1,3-Dinitrobenzene	96	45	135
	277562		2511596	1,3-Dinitrobenzene	96	45	135
	277562		2511596	2,4,5-Trichlorophenol	92.2	50	110
	277562		2511584	2,4,5-Trichlorophenol	92.2	50	110
	277562		2511584	2,4,6-Trichlorophenol	87	53	115
	277562		2511596	2,4,6-Trichlorophenol	87	53	115
	277562		2511584	2,4-Dimethylphenol	92.8	47	110
	277562		2511596	2,4-Dimethylphenol	92.8	47	110
	277562		2511596	2,4-Dinitrophenol	98.8	56	140
	277562		2511584	2,4-Dinitrophenol	98.8	56	140
	277562		2511584	2,4-Dinitrotoluene	95.5	69	120
	277562		2511596	2,4-Dinitrotoluene	95.5	69	120
	277562		2511584	2,6-Dinitrotoluene	96.5	69	115
	277562		2511596	2,6-Dinitrotoluene	96.5	69	115
	277562		2511584	2-Chloronaphthalene	89	35	105
	277562		2511596	2-Chloronaphthalene	89	35	105
	277562		2511584	2-Chlorophenol	86.2	51	105
	277562		2511596	2-Chlorophenol	86.2	51	105
	277562		2511584	2-Methylnaphthalene	69	57	105
	277562		2511596	2-Methylnaphthalene	69	57	105
	277562		2511584	2-Methylphenol	82	47	110
	277562		2511596	2-Methylphenol	82	47	110
	277562		2511584	2-Nitroaniline	71.2	66	115
	277562		2511596	2-Nitroaniline	71.2	66	115
	277562		2511584	2-Nitrophenol	86	48	115
	277562		2511596	2-Nitrophenol	86	48	115
	277562		2511584	3,3'-Dichlorobenzidine	103	55	110
	277562		2511596	3,3'-Dichlorobenzidine	103	55	110
	277562		2511584	3-Nitroaniline	69.2	61	125
	277562		2511596	3-Nitroaniline	69.2	61	125
	277562		2511584	4,6-Dinitro-2-methylphenol	87.8	44	130
	277562		2511596	4,6-Dinitro-2-methylphenol	87.8	44	130
	277562		2511584	4-Bromophenyl phenyl ether	91	54	113
	277562		2511596	4-Bromophenyl phenyl ether	91	54	113
	277562		2511584	4-Chloro-3-methylphenol	87.5	55	110
	277562		2511596	4-Chloro-3-methylphenol	87.5	55	110
	277562		2511596	4-Chloroaniline	69.5	52	110
	277562		2511584	4-Chloroaniline	69.5	52	110
	277562		2511584	4-Chlorophenyl phenyl ether	102	60	110
	277562		2511596	4-Chlorophenyl phenyl ether	102	60	110
	277562		2511596	4-Methylphenol	74	37	110

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277562	WATER	2511584	4-Methylphenol	74	37	110
	277562		2511584	4-Nitroaniline	86.5	67	120
	277562		2511596	4-Nitroaniline	86.5	67	120
	277562		2511584	4-Nitrophenol	44.5	27	80
	277562		2511596	4-Nitrophenol	44.5	27	80
	277562		2511584	Acenaphthene	75.5	60	110
	277562		2511596	Acenaphthene	75.5	60	110
	277562		2511584	Acenaphthylene	78	58	105
	277562		2511596	Acenaphthylene	78	58	105
	277562		2511596	Anthracene	79.5	63	110
	277562		2511584	Anthracene	79.5	63	110
	277562		2511596	Benzidine	0	0	98
	277562		2511584	Benzidine	0	0	98
	277562		2511596	Benzo (a) anthracene	81.5	63	110
	277562		2511584	Benzo (a) anthracene	81.5	63	110
	277562		2511584	Benzo (a) pyrene	79	60	110
	277562		2511596	Benzo (a) pyrene	79	60	110
	277562		2511584	Benzo (b) fluoranthene	83.8	60	120
	277562		2511596	Benzo (b) fluoranthene	83.8	60	120
	277562		2511596	Benzo (g,h,i) perylene	82	40	125
	277562		2511584	Benzo (g,h,i) perylene	82	40	125
	277562		2511584	Benzo (k) fluoranthene	82	54	125
	277562		2511596	Benzo (k) fluoranthene	82	54	125
	277562		2511596	Benzoic acid	38.8	10	60
	277562		2511584	Benzoic acid	38.8	10	60
	277562		2511596	Bis (2-chloroethoxy) methane	103	61	105
	277562		2511584	Bis (2-chloroethoxy) methane	103	61	105
	277562		2511596	Bis (2-chloroethyl) ether	98.2	62	110
	277562		2511584	Bis (2-chloroethyl) ether	98.2	62	110
	277562		2511596	Bis (2-ethylhexyl) phthalate	110	63	125
	277562		2511584	Bis (2-ethylhexyl) phthalate	110	63	125
	277562		2511596	Butyl benzylphthalate	114	64	115
	277562		2511584	Butyl benzylphthalate	114	64	115
	277562		2511596	Chrysene	79.2	60	110
	277562		2511584	Chrysene	79.2	60	110
	277562		2511584	Dibenzo (a,h) anthracene	81.2	41	125
	277562		2511596	Dibenzo (a,h) anthracene	81.2	41	125
	277562		2511584	Dibenzofuran	72.2	64	105
	277562		2511596	Dibenzofuran	72.2	64	105
	277562		2511584	Diethyl phthalate	106	64	120
	277562		2511596	Diethyl phthalate	106	64	120
	277562		2511584	Dimethyl phthalate	102	62	125

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277562	WATER	2511596	Dimethyl phthalate	102	62	125
	277562		2511596	Di-n-butylphthalate	108	65	115
	277562		2511584	Di-n-butylphthalate	108	65	115
	277562		2511596	Di-n-octylphthalate	110	57	135
	277562		2511584	Di-n-octylphthalate	110	57	135
	277562		2511596	Fluoranthene	82	64	115
	277562		2511584	Fluoranthene	82	64	115
	277562		2511596	Fluorene	75	62	110
	277562		2511584	Fluorene	75	62	110
	277562		2511596	Hexachlorobenzene	90.2	68	110
	277562		2511584	Hexachlorobenzene	90.2	68	110
	277562		2511596	Hexachlorobutadiene	85.5	42	105
	277562		2511584	Hexachlorobutadiene	85.5	42	105
	277562		2511584	Hexachlorocyclopentadiene	79.8	27	139
	277562		2511596	Hexachlorocyclopentadiene	79.8	27	139
	277562		2511596	Hexachloroethane	79	32	95
	277562		2511584	Hexachloroethane	79	32	95
	277562		2511584	Indeno (1,2,3-c,d) pyrene	78.8	45	125
	277562		2511596	Indeno (1,2,3-c,d) pyrene	78.8	45	125
	277562		2511584	Naphthalene	76	50	100
	277562		2511596	Naphthalene	76	50	100
	277562		2511596	Nitrobenzene	90.2	61	110
	277562		2511584	Nitrobenzene	90.2	61	110
	277562		2511584	n-Nitrosodi-n-propylamine	105	57	120
	277562		2511596	n-Nitrosodi-n-propylamine	105	57	120
	277562		2511596	n-Nitrosodiphenylamine	110	71	110
	277562		2511584	n-Nitrosodiphenylamine	110	71	110
	277562		2511584	Pentachlorophenol	88.5	41	115
	277562		2511596	Pentachlorophenol	88.5	41	115
	277562		2511596	Phenanthrene	77.8	61	115
	277562		2511584	Phenanthrene	77.8	61	115
	277562		2511584	Phenol	42.2	30	74
	277562		2511596	Phenol	42.2	30	74
	277562		2511584	Pyrene	78.5	62	130
	277562		2511596	Pyrene	78.5	62	130
	277563		2511584	1,2-Dichlorobenzene	80.5	40	100
	277563		2511596	1,2-Dichlorobenzene	80.5	40	100
	277563		2511584	1,3-Dinitrobenzene	99	45	135
	277563		2511596	1,3-Dinitrobenzene	99	45	135
	277563		2511596	2,4,5-Trichlorophenol	96	50	110
	277563		2511584	2,4,5-Trichlorophenol	96	50	110
	277563		2511596	2,4,6-Trichlorophenol	88	53	115

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277563	WATER	2511584	2,4,6-Trichlorophenol	88	53	115
	277563		2511596	2,4-Dimethylphenol	95.8	47	110
	277563		2511584	2,4-Dimethylphenol	95.8	47	110
	277563		2511584	2,4-Dinitrophenol	93.9	56	140
	277563		2511596	2,4-Dinitrophenol	93.9	56	140
	277563		2511584	2,4-Dinitrotoluene	98.5	69	120
	277563		2511596	2,4-Dinitrotoluene	98.5	69	120
	277563		2511596	2,6-Dinitrotoluene	99.5	69	115
	277563		2511584	2,6-Dinitrotoluene	99.5	69	115
	277563		2511596	2-Chloronaphthalene	90.5	35	105
	277563		2511584	2-Chloronaphthalene	90.5	35	105
	277563		2511596	2-Chlorophenol	88.8	51	105
	277563		2511584	2-Chlorophenol	88.8	51	105
	277563		2511596	2-Methylnaphthalene	70	57	105
	277563		2511584	2-Methylnaphthalene	70	57	105
	277563		2511596	2-Methylphenol	83.5	47	110
	277563		2511584	2-Methylphenol	83.5	47	110
	277563		2511584	2-Nitroaniline	75	66	115
	277563		2511596	2-Nitroaniline	75	66	115
	277563		2511596	2-Nitrophenol	87.5	48	115
	277563		2511584	2-Nitrophenol	87.5	48	115
	277563		2511596	3,3'-Dichlorobenzidine	108	55	110
	277563		2511584	3,3'-Dichlorobenzidine	108	55	110
	277563		2511584	3-Nitroaniline	70.5	61	125
	277563		2511596	3-Nitroaniline	70.5	61	125
	277563		2511596	4,6-Dinitro-2-methylphenol	86.2	44	130
	277563		2511584	4,6-Dinitro-2-methylphenol	86.2	44	130
	277563		2511584	4-Bromophenyl phenyl ether	95.5	54	113
	277563		2511596	4-Bromophenyl phenyl ether	95.5	54	113
	277563		2511596	4-Chloro-3-methylphenol	91	55	110
	277563		2511584	4-Chloro-3-methylphenol	91	55	110
	277563		2511584	4-Chloroaniline	68.2	52	110
	277563		2511596	4-Chloroaniline	68.2	52	110
	277563		2511584	4-Chlorophenyl phenyl ether	104	60	110
	277563		2511596	4-Chlorophenyl phenyl ether	104	60	110
	277563		2511596	4-Methylphenol	77	37	110
	277563		2511584	4-Methylphenol	77	37	110
	277563		2511596	4-Nitroaniline	89.2	67	120
	277563		2511584	4-Nitroaniline	89.2	67	120
	277563		2511584	4-Nitrophenol	48.2	27	80
	277563		2511596	4-Nitrophenol	48.2	27	80
	277563		2511596	Acenaphthene	77.5	60	110

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277563	WATER	2511584	Acenaphthene	77.5	60	110
	277563		2511596	Acenaphthylene	79.2	58	105
	277563		2511584	Acenaphthylene	79.2	58	105
	277563		2511584	Anthracene	83	63	110
	277563		2511596	Anthracene	83	63	110
	277563		2511584	Benzidine	0	0	98
	277563		2511596	Benzidine	0	0	98
	277563		2511584	Benzo (a) anthracene	85	63	110
	277563		2511596	Benzo (a) anthracene	85	63	110
	277563		2511584	Benzo (a) pyrene	82.5	60	110
	277563		2511596	Benzo (a) pyrene	82.5	60	110
	277563		2511584	Benzo (b) fluoranthene	87.5	60	120
	277563		2511596	Benzo (b) fluoranthene	87.5	60	120
	277563		2511584	Benzo (g,h,i) perylene	81.8	40	125
	277563		2511596	Benzo (g,h,i) perylene	81.8	40	125
	277563		2511584	Benzo (k) fluoranthene	84.5	54	125
	277563		2511596	Benzo (k) fluoranthene	84.5	54	125
	277563		2511584	Benzoic acid	35	10	60
	277563		2511596	Benzoic acid	35	10	60
	277563		2511596	**Bis (2-chloroethoxy) methan**	**107**	**61**	**105**
	277563		2511584	**Bis (2-chloroethoxy) methan**	**107**	**61**	**105**
	277563		2511584	Bis (2-chloroethyl) ether	102	62	110
	277563		2511596	Bis (2-chloroethyl) ether	102	62	110
	277563		2511584	Bis (2-ethylhexyl) phthalate	114	63	125
	277563		2511596	Bis (2-ethylhexyl) phthalate	114	63	125
	277563		2511596	**Butyl benzylphthalate**	**120**	**64**	**115**
	277563		2511584	**Butyl benzylphthalate**	**120**	**64**	**115**
	277563		2511584	Chrysene	82.8	60	110
	277563		2511596	Chrysene	82.8	60	110
	277563		2511584	Dibenzo (a,h) anthracene	84.2	41	125
	277563		2511596	Dibenzo (a,h) anthracene	84.2	41	125
	277563		2511596	Dibenzofuran	73.8	64	105
	277563		2511584	Dibenzofuran	73.8	64	105
	277563		2511584	Diethyl phthalate	109	64	120
	277563		2511596	Diethyl phthalate	109	64	120
	277563		2511584	Dimethyl phthalate	105	62	125
	277563		2511596	Dimethyl phthalate	105	62	125
	277563		2511596	Di-n-butylphthalate	114	65	115
	277563		2511584	Di-n-butylphthalate	114	65	115
	277563		2511596	Di-n-octylphthalate	115	57	135
	277563		2511584	Di-n-octylphthalate	115	57	135
	277563		2511596	Fluoranthene	87.2	64	115

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277563	WATER	2511584	Fluoranthene	87.2	64	115
	277563		2511596	Fluorene	78	62	110
	277563		2511584	Fluorene	78	62	110
	277563		2511584	Hexachlorobenzene	94.5	68	110
	277563		2511596	Hexachlorobenzene	94.5	68	110
	277563		2511584	Hexachlorobutadiene	83	42	105
	277563		2511596	Hexachlorobutadiene	83	42	105
	277563		2511584	Hexachlorocyclopentadiene	82.2	27	139
	277563		2511596	Hexachlorocyclopentadiene	82.2	27	139
	277563		2511584	Hexachloroethane	77	32	95
	277563		2511596	Hexachloroethane	77	32	95
	277563		2511596	Indeno (1,2,3-c,d) pyrene	81.2	45	125
	277563		2511584	Indeno (1,2,3-c,d) pyrene	81.2	45	125
	277563		2511584	Naphthalene	76.2	50	100
	277563		2511596	Naphthalene	76.2	50	100
	277563		2511584	Nitrobenzene	90.2	61	110
	277563		2511596	Nitrobenzene	90.2	61	110
	277563		2511584	n-Nitrosodi-n-propylamine	106	57	120
	277563		2511596	n-Nitrosodi-n-propylamine	106	57	120
	277563		2511596	**n-Nitrosodiphenylamine**	**116**	**71**	**110**
	277563		2511584	**n-Nitrosodiphenylamine**	**116**	**71**	**110**
	277563		2511584	Pentachlorophenol	86	41	115
	277563		2511596	Pentachlorophenol	86	41	115
	277563		2511596	Phenanthrene	80.5	61	115
	277563		2511584	Phenanthrene	80.5	61	115
	277563		2511596	Phenol	45.5	30	74
	277563		2511584	Phenol	45.5	30	74
	277563		2511584	Pyrene	81.5	62	130
	277563		2511596	Pyrene	81.5	62	130
	277646		2511616	1,2-Dichlorobenzene	81.2	40	100
	277646		2511612	1,2-Dichlorobenzene	81.2	40	100
	277646		2511607	1,2-Dichlorobenzene	81.2	40	100
	277646		2511628	1,2-Dichlorobenzene	81.2	40	100
	277646		2511612	1,3-Dinitrobenzene	97	45	135
	277646		2511628	1,3-Dinitrobenzene	97	45	135
	277646		2511616	1,3-Dinitrobenzene	97	45	135
	277646		2511607	1,3-Dinitrobenzene	97	45	135
	277646		2511607	2,4,5-Trichlorophenol	93.5	50	110
	277646		2511612	2,4,5-Trichlorophenol	93.5	50	110
	277646		2511628	2,4,5-Trichlorophenol	93.5	50	110
	277646		2511616	2,4,5-Trichlorophenol	93.5	50	110
	277646		2511616	2,4,6-Trichlorophenol	87.8	53	115

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277646	WATER	2511607	2,4,6-Trichlorophenol	87.8	53	115
	277646		2511612	2,4,6-Trichlorophenol	87.8	53	115
	277646		2511628	2,4,6-Trichlorophenol	87.8	53	115
	277646		2511607	2,4-Dimethylphenol	96	47	110
	277646		2511612	2,4-Dimethylphenol	96	47	110
	277646		2511616	2,4-Dimethylphenol	96	47	110
	277646		2511628	2,4-Dimethylphenol	96	47	110
	277646		2511607	2,4-Dinitrophenol	87.6	56	140
	277646		2511616	2,4-Dinitrophenol	87.6	56	140
	277646		2511612	2,4-Dinitrophenol	87.6	56	140
	277646		2511628	2,4-Dinitrophenol	87.6	56	140
	277646		2511616	2,4-Dinitrotoluene	96.8	69	120
	277646		2511612	2,4-Dinitrotoluene	96.8	69	120
	277646		2511628	2,4-Dinitrotoluene	96.8	69	120
	277646		2511607	2,4-Dinitrotoluene	96.8	69	120
	277646		2511616	2,6-Dinitrotoluene	97.2	69	115
	277646		2511612	2,6-Dinitrotoluene	97.2	69	115
	277646		2511607	2,6-Dinitrotoluene	97.2	69	115
	277646		2511628	2,6-Dinitrotoluene	97.2	69	115
	277646		2511628	2-Chloronaphthalene	90	35	105
	277646		2511607	2-Chloronaphthalene	90	35	105
	277646		2511616	2-Chloronaphthalene	90	35	105
	277646		2511612	2-Chloronaphthalene	90	35	105
	277646		2511628	2-Chlorophenol	86.5	51	105
	277646		2511616	2-Chlorophenol	86.5	51	105
	277646		2511612	2-Chlorophenol	86.5	51	105
	277646		2511607	2-Chlorophenol	86.5	51	105
	277646		2511607	2-Methylnaphthalene	70.8	57	105
	277646		2511616	2-Methylnaphthalene	70.8	57	105
	277646		2511628	2-Methylnaphthalene	70.8	57	105
	277646		2511612	2-Methylnaphthalene	70.8	57	105
	277646		2511616	2-Methylphenol	81.2	47	110
	277646		2511612	2-Methylphenol	81.2	47	110
	277646		2511628	2-Methylphenol	81.2	47	110
	277646		2511607	2-Methylphenol	81.2	47	110
	277646		2511616	2-Nitroaniline	71.8	66	115
	277646		2511628	2-Nitroaniline	71.8	66	115
	277646		2511607	2-Nitroaniline	71.8	66	115
	277646		2511612	2-Nitroaniline	71.8	66	115
	277646		2511607	2-Nitrophenol	88.8	48	115
	277646		2511616	2-Nitrophenol	88.8	48	115
	277646		2511612	2-Nitrophenol	88.8	48	115

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277646	WATER	2511628	2-Nitrophenol	88.8	48	115
	277646		2511612	3,3'-Dichlorobenzidine	106	55	110
	277646		2511616	3,3'-Dichlorobenzidine	106	55	110
	277646		2511628	3,3'-Dichlorobenzidine	106	55	110
	277646		2511607	3,3'-Dichlorobenzidine	106	55	110
	277646		2511628	3-Nitroaniline	71.5	61	125
	277646		2511607	3-Nitroaniline	71.5	61	125
	277646		2511612	3-Nitroaniline	71.5	61	125
	277646		2511616	3-Nitroaniline	71.5	61	125
	277646		2511628	4,6-Dinitro-2-methylphenol	89.5	44	130
	277646		2511616	4,6-Dinitro-2-methylphenol	89.5	44	130
	277646		2511607	4,6-Dinitro-2-methylphenol	89.5	44	130
	277646		2511612	4,6-Dinitro-2-methylphenol	89.5	44	130
	277646		2511612	4-Bromophenyl phenyl ether	92.8	54	113
	277646		2511628	4-Bromophenyl phenyl ether	92.8	54	113
	277646		2511607	4-Bromophenyl phenyl ether	92.8	54	113
	277646		2511616	4-Bromophenyl phenyl ether	92.8	54	113
	277646		2511612	4-Chloro-3-methylphenol	90.2	55	110
	277646		2511616	4-Chloro-3-methylphenol	90.2	55	110
	277646		2511628	4-Chloro-3-methylphenol	90.2	55	110
	277646		2511607	4-Chloro-3-methylphenol	90.2	55	110
	277646		2511628	4-Chloroaniline	70	52	110
	277646		2511616	4-Chloroaniline	70	52	110
	277646		2511612	4-Chloroaniline	70	52	110
	277646		2511607	4-Chloroaniline	70	52	110
	277646		2511612	4-Chlorophenyl phenyl ether	102	60	110
	277646		2511628	4-Chlorophenyl phenyl ether	102	60	110
	277646		2511607	4-Chlorophenyl phenyl ether	102	60	110
	277646		2511616	4-Chlorophenyl phenyl ether	102	60	110
	277646		2511628	4-Methylphenol	74.5	37	110
	277646		2511607	4-Methylphenol	74.5	37	110
	277646		2511616	4-Methylphenol	74.5	37	110
	277646		2511612	4-Methylphenol	74.5	37	110
	277646		2511607	4-Nitroaniline	83.8	67	120
	277646		2511612	4-Nitroaniline	83.8	67	120
	277646		2511616	4-Nitroaniline	83.8	67	120
	277646		2511628	4-Nitroaniline	83.8	67	120
	277646		2511607	4-Nitrophenol	44.5	27	80
	277646		2511612	4-Nitrophenol	44.5	27	80
	277646		2511616	4-Nitrophenol	44.5	27	80
	277646		2511628	4-Nitrophenol	44.5	27	80
	277646		2511628	Acenaphthene	77.2	60	110

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277646	WATER	2511616	Acenaphthene	77.2	60	110
	277646		2511612	Acenaphthene	77.2	60	110
	277646		2511607	Acenaphthene	77.2	60	110
	277646		2511612	Acenaphthylene	80	58	105
	277646		2511616	Acenaphthylene	80	58	105
	277646		2511607	Acenaphthylene	80	58	105
	277646		2511628	Acenaphthylene	80	58	105
	277646		2511628	Anthracene	81.8	63	110
	277646		2511616	Anthracene	81.8	63	110
	277646		2511612	Anthracene	81.8	63	110
	277646		2511607	Anthracene	81.8	63	110
	277646		2511612	Benzidine	0	0	98
	277646		2511628	Benzidine	0	0	98
	277646		2511607	Benzidine	0	0	98
	277646		2511616	Benzidine	0	0	98
	277646		2511628	Benzo (a) anthracene	82	63	110
	277646		2511616	Benzo (a) anthracene	82	63	110
	277646		2511612	Benzo (a) anthracene	82	63	110
	277646		2511607	Benzo (a) anthracene	82	63	110
	277646		2511612	Benzo (a) pyrene	81	60	110
	277646		2511607	Benzo (a) pyrene	81	60	110
	277646		2511616	Benzo (a) pyrene	81	60	110
	277646		2511628	Benzo (a) pyrene	81	60	110
	277646		2511612	Benzo (b) fluoranthene	89.8	60	120
	277646		2511607	Benzo (b) fluoranthene	89.8	60	120
	277646		2511616	Benzo (b) fluoranthene	89.8	60	120
	277646		2511628	Benzo (b) fluoranthene	89.8	60	120
	277646		2511616	Benzo (g,h,i) perylene	81.8	40	125
	277646		2511612	Benzo (g,h,i) perylene	81.8	40	125
	277646		2511607	Benzo (g,h,i) perylene	81.8	40	125
	277646		2511628	Benzo (g,h,i) perylene	81.8	40	125
	277646		2511628	Benzo (k) fluoranthene	77.5	54	125
	277646		2511612	Benzo (k) fluoranthene	77.5	54	125
	277646		2511616	Benzo (k) fluoranthene	77.5	54	125
	277646		2511607	Benzo (k) fluoranthene	77.5	54	125
	277646		2511616	Benzoic acid	26.4	10	60
	277646		2511612	Benzoic acid	26.4	10	60
	277646		2511607	Benzoic acid	26.4	10	60
	277646		2511628	Benzoic acid	26.4	10	60
	277646		2511628	**Bis (2-chloroethoxy) methan**	**106**	**61**	**105**
	277646		2511616	**Bis (2-chloroethoxy) methan**	**106**	**61**	**105**
	277646		2511612	**Bis (2-chloroethoxy) methan**	**106**	**61**	**105**

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277646	WATER	2511607	**Bis (2-chloroethoxy) methan**	**106**	**61**	**105**
	277646		2511607	Bis (2-chloroethyl) ether	102	62	110
	277646		2511628	Bis (2-chloroethyl) ether	102	62	110
	277646		2511616	Bis (2-chloroethyl) ether	102	62	110
	277646		2511612	Bis (2-chloroethyl) ether	102	62	110
	277646		2511607	Bis (2-ethylhexyl) phthalate	112	63	125
	277646		2511628	Bis (2-ethylhexyl) phthalate	112	63	125
	277646		2511612	Bis (2-ethylhexyl) phthalate	112	63	125
	277646		2511616	Bis (2-ethylhexyl) phthalate	112	63	125
	277646		2511628	**Butyl benzylphthalate**	**118**	**64**	**115**
	277646		2511612	**Butyl benzylphthalate**	**118**	**64**	**115**
	277646		2511607	**Butyl benzylphthalate**	**118**	**64**	**115**
	277646		2511616	**Butyl benzylphthalate**	**118**	**64**	**115**
	277646		2511628	Chrysene	80.5	60	110
	277646		2511612	Chrysene	80.5	60	110
	277646		2511607	Chrysene	80.5	60	110
	277646		2511616	Chrysene	80.5	60	110
	277646		2511612	Dibenzo (a,h) anthracene	82.8	41	125
	277646		2511607	Dibenzo (a,h) anthracene	82.8	41	125
	277646		2511628	Dibenzo (a,h) anthracene	82.8	41	125
	277646		2511616	Dibenzo (a,h) anthracene	82.8	41	125
	277646		2511607	Dibenzofuran	72.5	64	105
	277646		2511616	Dibenzofuran	72.5	64	105
	277646		2511612	Dibenzofuran	72.5	64	105
	277646		2511628	Dibenzofuran	72.5	64	105
	277646		2511628	Diethyl phthalate	106	64	120
	277646		2511612	Diethyl phthalate	106	64	120
	277646		2511616	Diethyl phthalate	106	64	120
	277646		2511607	Diethyl phthalate	106	64	120
	277646		2511607	Dimethyl phthalate	101	62	125
	277646		2511628	Dimethyl phthalate	101	62	125
	277646		2511616	Dimethyl phthalate	101	62	125
	277646		2511612	Dimethyl phthalate	101	62	125
	277646		2511616	Di-n-butylphthalate	110	65	115
	277646		2511607	Di-n-butylphthalate	110	65	115
	277646		2511612	Di-n-butylphthalate	110	65	115
	277646		2511628	Di-n-butylphthalate	110	65	115
	277646		2511616	Di-n-octylphthalate	114	57	135
	277646		2511628	Di-n-octylphthalate	114	57	135
	277646		2511612	Di-n-octylphthalate	114	57	135
	277646		2511607	Di-n-octylphthalate	114	57	135
	277646		2511616	Fluoranthene	83.2	64	115

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277646	WATER	2511628	Fluoranthene	83.2	64	115
	277646		2511612	Fluoranthene	83.2	64	115
	277646		2511607	Fluoranthene	83.2	64	115
	277646		2511628	Fluorene	76	62	110
	277646		2511612	Fluorene	76	62	110
	277646		2511607	Fluorene	76	62	110
	277646		2511616	Fluorene	76	62	110
	277646		2511612	Hexachlorobenzene	93.2	68	110
	277646		2511607	Hexachlorobenzene	93.2	68	110
	277646		2511628	Hexachlorobenzene	93.2	68	110
	277646		2511616	Hexachlorobenzene	93.2	68	110
	277646		2511616	Hexachlorobutadiene	84	42	105
	277646		2511607	Hexachlorobutadiene	84	42	105
	277646		2511628	Hexachlorobutadiene	84	42	105
	277646		2511612	Hexachlorobutadiene	84	42	105
	277646		2511612	Hexachlorocyclopentadiene	80	27	139
	277646		2511628	Hexachlorocyclopentadiene	80	27	139
	277646		2511607	Hexachlorocyclopentadiene	80	27	139
	277646		2511616	Hexachlorocyclopentadiene	80	27	139
	277646		2511616	Hexachloroethane	76.2	32	95
	277646		2511612	Hexachloroethane	76.2	32	95
	277646		2511607	Hexachloroethane	76.2	32	95
	277646		2511628	Hexachloroethane	76.2	32	95
	277646		2511612	Indeno (1,2,3-c,d) pyrene	78.5	45	125
	277646		2511616	Indeno (1,2,3-c,d) pyrene	78.5	45	125
	277646		2511628	Indeno (1,2,3-c,d) pyrene	78.5	45	125
	277646		2511607	Indeno (1,2,3-c,d) pyrene	78.5	45	125
	277646		2511616	Naphthalene	77	50	100
	277646		2511628	Naphthalene	77	50	100
	277646		2511612	Naphthalene	77	50	100
	277646		2511607	Naphthalene	77	50	100
	277646		2511628	Nitrobenzene	90.2	61	110
	277646		2511612	Nitrobenzene	90.2	61	110
	277646		2511607	Nitrobenzene	90.2	61	110
	277646		2511616	Nitrobenzene	90.2	61	110
	277646		2511612	n-Nitrosodi-n-propylamine	106	57	120
	277646		2511616	n-Nitrosodi-n-propylamine	106	57	120
	277646		2511607	n-Nitrosodi-n-propylamine	106	57	120
	277646		2511628	n-Nitrosodi-n-propylamine	106	57	120
	277646		2511607	**n-Nitrosodiphenylamine**	**114**	**71**	**110**
	277646		2511612	**n-Nitrosodiphenylamine**	**114**	**71**	**110**
	277646		2511628	**n-Nitrosodiphenylamine**	**114**	**71**	**110**

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277646	WATER	2511616	**n-Nitrosodiphenylamine**	**114**	**71**	**110**
	277646		2511616	Pentachlorophenol	84.8	41	115
	277646		2511612	Pentachlorophenol	84.8	41	115
	277646		2511607	Pentachlorophenol	84.8	41	115
	277646		2511628	Pentachlorophenol	84.8	41	115
	277646		2511616	Phenanthrene	79.8	61	115
	277646		2511607	Phenanthrene	79.8	61	115
	277646		2511612	Phenanthrene	79.8	61	115
	277646		2511628	Phenanthrene	79.8	61	115
	277646		2511616	Phenol	44	30	74
	277646		2511607	Phenol	44	30	74
	277646		2511612	Phenol	44	30	74
	277646		2511628	Phenol	44	30	74
	277646		2511612	Pyrene	80.8	62	130
	277646		2511607	Pyrene	80.8	62	130
	277646		2511628	Pyrene	80.8	62	130
	277646		2511616	Pyrene	80.8	62	130
	277647		2511616	1,2-Dichlorobenzene	83	40	100
	277647		2511628	1,2-Dichlorobenzene	83	40	100
	277647		2511612	1,2-Dichlorobenzene	83	40	100
	277647		2511607	1,2-Dichlorobenzene	83	40	100
	277647		2511628	1,3-Dinitrobenzene	102	45	135
	277647		2511616	1,3-Dinitrobenzene	102	45	135
	277647		2511612	1,3-Dinitrobenzene	102	45	135
	277647		2511607	1,3-Dinitrobenzene	102	45	135
	277647		2511612	2,4,5-Trichlorophenol	98	50	110
	277647		2511628	2,4,5-Trichlorophenol	98	50	110
	277647		2511616	2,4,5-Trichlorophenol	98	50	110
	277647		2511607	2,4,5-Trichlorophenol	98	50	110
	277647		2511628	2,4,6-Trichlorophenol	93.2	53	115
	277647		2511616	2,4,6-Trichlorophenol	93.2	53	115
	277647		2511612	2,4,6-Trichlorophenol	93.2	53	115
	277647		2511607	2,4,6-Trichlorophenol	93.2	53	115
	277647		2511628	2,4-Dimethylphenol	99	47	110
	277647		2511607	2,4-Dimethylphenol	99	47	110
	277647		2511612	2,4-Dimethylphenol	99	47	110
	277647		2511616	2,4-Dimethylphenol	99	47	110
	277647		2511628	2,4-Dinitrophenol	96.5	56	140
	277647		2511607	2,4-Dinitrophenol	96.5	56	140
	277647		2511616	2,4-Dinitrophenol	96.5	56	140
	277647		2511612	2,4-Dinitrophenol	96.5	56	140
	277647		2511612	2,4-Dinitrotoluene	98.8	69	120

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277647	WATER	2511628	2,4-Dinitrotoluene	98.8	69	120
	277647		2511607	2,4-Dinitrotoluene	98.8	69	120
	277647		2511616	2,4-Dinitrotoluene	98.8	69	120
	277647		2511607	2,6-Dinitrotoluene	99	69	115
	277647		2511628	2,6-Dinitrotoluene	99	69	115
	277647		2511612	2,6-Dinitrotoluene	99	69	115
	277647		2511616	2,6-Dinitrotoluene	99	69	115
	277647		2511607	2-Chloronaphthalene	93.5	35	105
	277647		2511612	2-Chloronaphthalene	93.5	35	105
	277647		2511628	2-Chloronaphthalene	93.5	35	105
	277647		2511616	2-Chloronaphthalene	93.5	35	105
	277647		2511628	2-Chlorophenol	90	51	105
	277647		2511616	2-Chlorophenol	90	51	105
	277647		2511612	2-Chlorophenol	90	51	105
	277647		2511607	2-Chlorophenol	90	51	105
	277647		2511628	2-Methylnaphthalene	71.5	57	105
	277647		2511612	2-Methylnaphthalene	71.5	57	105
	277647		2511616	2-Methylnaphthalene	71.5	57	105
	277647		2511607	2-Methylnaphthalene	71.5	57	105
	277647		2511612	2-Methylphenol	85	47	110
	277647		2511616	2-Methylphenol	85	47	110
	277647		2511628	2-Methylphenol	85	47	110
	277647		2511607	2-Methylphenol	85	47	110
	277647		2511616	2-Nitroaniline	76.5	66	115
	277647		2511628	2-Nitroaniline	76.5	66	115
	277647		2511612	2-Nitroaniline	76.5	66	115
	277647		2511607	2-Nitroaniline	76.5	66	115
	277647		2511616	2-Nitrophenol	92.5	48	115
	277647		2511628	2-Nitrophenol	92.5	48	115
	277647		2511607	2-Nitrophenol	92.5	48	115
	277647		2511612	2-Nitrophenol	92.5	48	115
	277647		2511616	**3,3'-Dichlorobenzidine**	**112**	**55**	**110**
	277647		2511607	**3,3'-Dichlorobenzidine**	**112**	**55**	**110**
	277647		2511628	**3,3'-Dichlorobenzidine**	**112**	**55**	**110**
	277647		2511612	**3,3'-Dichlorobenzidine**	**112**	**55**	**110**
	277647		2511612	3-Nitroaniline	74.2	61	125
	277647		2511628	3-Nitroaniline	74.2	61	125
	277647		2511616	3-Nitroaniline	74.2	61	125
	277647		2511607	3-Nitroaniline	74.2	61	125
	277647		2511628	4,6-Dinitro-2-methylphenol	89.5	44	130
	277647		2511616	4,6-Dinitro-2-methylphenol	89.5	44	130
	277647		2511612	4,6-Dinitro-2-methylphenol	89.5	44	130

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277647	WATER	2511607	4,6-Dinitro-2-methylphenol	89.5	44	130
	277647		2511616	4-Bromophenyl phenyl ether	98.5	54	113
	277647		2511607	4-Bromophenyl phenyl ether	98.5	54	113
	277647		2511628	4-Bromophenyl phenyl ether	98.5	54	113
	277647		2511612	4-Bromophenyl phenyl ether	98.5	54	113
	277647		2511607	4-Chloro-3-methylphenol	92.2	55	110
	277647		2511612	4-Chloro-3-methylphenol	92.2	55	110
	277647		2511616	4-Chloro-3-methylphenol	92.2	55	110
	277647		2511628	4-Chloro-3-methylphenol	92.2	55	110
	277647		2511616	4-Chloroaniline	72	52	110
	277647		2511612	4-Chloroaniline	72	52	110
	277647		2511607	4-Chloroaniline	72	52	110
	277647		2511628	4-Chloroaniline	72	52	110
	277647		2511628	4-Chlorophenyl phenyl ether	106	60	110
	277647		2511616	4-Chlorophenyl phenyl ether	106	60	110
	277647		2511607	4-Chlorophenyl phenyl ether	106	60	110
	277647		2511612	4-Chlorophenyl phenyl ether	106	60	110
	277647		2511616	4-Methylphenol	78	37	110
	277647		2511607	4-Methylphenol	78	37	110
	277647		2511628	4-Methylphenol	78	37	110
	277647		2511612	4-Methylphenol	78	37	110
	277647		2511607	4-Nitroaniline	90	67	120
	277647		2511628	4-Nitroaniline	90	67	120
	277647		2511616	4-Nitroaniline	90	67	120
	277647		2511612	4-Nitroaniline	90	67	120
	277647		2511616	4-Nitrophenol	46.2	27	80
	277647		2511607	4-Nitrophenol	46.2	27	80
	277647		2511612	4-Nitrophenol	46.2	27	80
	277647		2511628	4-Nitrophenol	46.2	27	80
	277647		2511616	Acenaphthene	79.5	60	110
	277647		2511628	Acenaphthene	79.5	60	110
	277647		2511612	Acenaphthene	79.5	60	110
	277647		2511607	Acenaphthene	79.5	60	110
	277647		2511607	Acenaphthylene	82.5	58	105
	277647		2511612	Acenaphthylene	82.5	58	105
	277647		2511628	Acenaphthylene	82.5	58	105
	277647		2511616	Acenaphthylene	82.5	58	105
	277647		2511612	Anthracene	84.8	63	110
	277647		2511628	Anthracene	84.8	63	110
	277647		2511607	Anthracene	84.8	63	110
	277647		2511616	Anthracene	84.8	63	110
	277647		2511628	Benzidine	0	0	98

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277647	WATER	2511616	Benzidine	0	0	98
	277647		2511607	Benzidine	0	0	98
	277647		2511612	Benzidine	0	0	98
	277647		2511628	Benzo (a) anthracene	85	63	110
	277647		2511612	Benzo (a) anthracene	85	63	110
	277647		2511616	Benzo (a) anthracene	85	63	110
	277647		2511607	Benzo (a) anthracene	85	63	110
	277647		2511607	Benzo (a) pyrene	83.2	60	110
	277647		2511616	Benzo (a) pyrene	83.2	60	110
	277647		2511628	Benzo (a) pyrene	83.2	60	110
	277647		2511612	Benzo (a) pyrene	83.2	60	110
	277647		2511612	Benzo (b) fluoranthene	91.8	60	120
	277647		2511628	Benzo (b) fluoranthene	91.8	60	120
	277647		2511616	Benzo (b) fluoranthene	91.8	60	120
	277647		2511607	Benzo (b) fluoranthene	91.8	60	120
	277647		2511628	Benzo (g,h,i) perylene	84.2	40	125
	277647		2511616	Benzo (g,h,i) perylene	84.2	40	125
	277647		2511612	Benzo (g,h,i) perylene	84.2	40	125
	277647		2511607	Benzo (g,h,i) perylene	84.2	40	125
	277647		2511628	Benzo (k) fluoranthene	80.5	54	125
	277647		2511612	Benzo (k) fluoranthene	80.5	54	125
	277647		2511607	Benzo (k) fluoranthene	80.5	54	125
	277647		2511616	Benzo (k) fluoranthene	80.5	54	125
	277647		2511612	Benzoic acid	31.5	10	60
	277647		2511628	Benzoic acid	31.5	10	60
	277647		2511607	Benzoic acid	31.5	10	60
	277647		2511616	Benzoic acid	31.5	10	60
	277647		2511607	**Bis (2-chloroethoxy) methan**	**109**	**61**	**105**
	277647		2511612	**Bis (2-chloroethoxy) methan**	**109**	**61**	**105**
	277647		2511616	**Bis (2-chloroethoxy) methan**	**109**	**61**	**105**
	277647		2511628	**Bis (2-chloroethoxy) methan**	**109**	**61**	**105**
	277647		2511612	Bis (2-chloroethyl) ether	105	62	110
	277647		2511628	Bis (2-chloroethyl) ether	105	62	110
	277647		2511616	Bis (2-chloroethyl) ether	105	62	110
	277647		2511607	Bis (2-chloroethyl) ether	105	62	110
	277647		2511607	Bis (2-ethylhexyl) phthalate	117	63	125
	277647		2511612	Bis (2-ethylhexyl) phthalate	117	63	125
	277647		2511628	Bis (2-ethylhexyl) phthalate	117	63	125
	277647		2511616	Bis (2-ethylhexyl) phthalate	117	63	125
	277647		2511628	**Butyl benzylphthalate**	**121**	**64**	**115**
	277647		2511616	**Butyl benzylphthalate**	**121**	**64**	**115**
	277647		2511612	**Butyl benzylphthalate**	**121**	**64**	**115**

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277647	WATER	2511607	**Butyl benzylphthalate**	**121**	**64**	**115**
	277647		2511628	Chrysene	83.8	60	110
	277647		2511616	Chrysene	83.8	60	110
	277647		2511607	Chrysene	83.8	60	110
	277647		2511612	Chrysene	83.8	60	110
	277647		2511607	Dibenzo (a,h) anthracene	85	41	125
	277647		2511628	Dibenzo (a,h) anthracene	85	41	125
	277647		2511616	Dibenzo (a,h) anthracene	85	41	125
	277647		2511612	Dibenzo (a,h) anthracene	85	41	125
	277647		2511628	Dibenzofuran	75.5	64	105
	277647		2511612	Dibenzofuran	75.5	64	105
	277647		2511607	Dibenzofuran	75.5	64	105
	277647		2511616	Dibenzofuran	75.5	64	105
	277647		2511612	Diethyl phthalate	110	64	120
	277647		2511616	Diethyl phthalate	110	64	120
	277647		2511628	Diethyl phthalate	110	64	120
	277647		2511607	Diethyl phthalate	110	64	120
	277647		2511607	Dimethyl phthalate	105	62	125
	277647		2511628	Dimethyl phthalate	105	62	125
	277647		2511612	Dimethyl phthalate	105	62	125
	277647		2511616	Dimethyl phthalate	105	62	125
	277647		2511612	Di-n-butylphthalate	113	65	115
	277647		2511607	Di-n-butylphthalate	113	65	115
	277647		2511628	Di-n-butylphthalate	113	65	115
	277647		2511616	Di-n-butylphthalate	113	65	115
	277647		2511607	Di-n-octylphthalate	118	57	135
	277647		2511628	Di-n-octylphthalate	118	57	135
	277647		2511616	Di-n-octylphthalate	118	57	135
	277647		2511612	Di-n-octylphthalate	118	57	135
	277647		2511616	Fluoranthene	87	64	115
	277647		2511612	Fluoranthene	87	64	115
	277647		2511628	Fluoranthene	87	64	115
	277647		2511607	Fluoranthene	87	64	115
	277647		2511607	Fluorene	79.5	62	110
	277647		2511628	Fluorene	79.5	62	110
	277647		2511616	Fluorene	79.5	62	110
	277647		2511612	Fluorene	79.5	62	110
	277647		2511612	Hexachlorobenzene	96	68	110
	277647		2511607	Hexachlorobenzene	96	68	110
	277647		2511628	Hexachlorobenzene	96	68	110
	277647		2511616	Hexachlorobenzene	96	68	110
	277647		2511616	Hexachlorobutadiene	83.8	42	105

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277647	WATER	2511612	Hexachlorobutadiene	83.8	42	105
	277647		2511607	Hexachlorobutadiene	83.8	42	105
	277647		2511628	Hexachlorobutadiene	83.8	42	105
	277647		2511612	Hexachlorocyclopentadiene	84	27	139
	277647		2511628	Hexachlorocyclopentadiene	84	27	139
	277647		2511616	Hexachlorocyclopentadiene	84	27	139
	277647		2511607	Hexachlorocyclopentadiene	84	27	139
	277647		2511616	Hexachloroethane	79	32	95
	277647		2511607	Hexachloroethane	79	32	95
	277647		2511628	Hexachloroethane	79	32	95
	277647		2511612	Hexachloroethane	79	32	95
	277647		2511616	Indeno (1,2,3-c,d) pyrene	82.5	45	125
	277647		2511607	Indeno (1,2,3-c,d) pyrene	82.5	45	125
	277647		2511628	Indeno (1,2,3-c,d) pyrene	82.5	45	125
	277647		2511612	Indeno (1,2,3-c,d) pyrene	82.5	45	125
	277647		2511607	Naphthalene	78.2	50	100
	277647		2511628	Naphthalene	78.2	50	100
	277647		2511612	Naphthalene	78.2	50	100
	277647		2511616	Naphthalene	78.2	50	100
	277647		2511616	Nitrobenzene	92.5	61	110
	277647		2511628	Nitrobenzene	92.5	61	110
	277647		2511612	Nitrobenzene	92.5	61	110
	277647		2511607	Nitrobenzene	92.5	61	110
	277647		2511616	n-Nitrosodi-n-propylamine	109	57	120
	277647		2511612	n-Nitrosodi-n-propylamine	109	57	120
	277647		2511628	n-Nitrosodi-n-propylamine	109	57	120
	277647		2511607	n-Nitrosodi-n-propylamine	109	57	120
	277647		2511612	**n-Nitrosodiphenylamine**	**118**	**71**	**110**
	277647		2511607	**n-Nitrosodiphenylamine**	**118**	**71**	**110**
	277647		2511628	**n-Nitrosodiphenylamine**	**118**	**71**	**110**
	277647		2511616	**n-Nitrosodiphenylamine**	**118**	**71**	**110**
	277647		2511628	Pentachlorophenol	87.2	41	115
	277647		2511607	Pentachlorophenol	87.2	41	115
	277647		2511616	Pentachlorophenol	87.2	41	115
	277647		2511612	Pentachlorophenol	87.2	41	115
	277647		2511628	Phenanthrene	82	61	115
	277647		2511607	Phenanthrene	82	61	115
	277647		2511612	Phenanthrene	82	61	115
	277647		2511616	Phenanthrene	82	61	115
	277647		2511616	Phenol	46.2	30	74
	277647		2511628	Phenol	46.2	30	74
	277647		2511607	Phenol	46.2	30	74

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277647	WATER	2511612	Phenol	46.2	30	74
	277647		2511612	Pyrene	83	62	130
	277647		2511616	Pyrene	83	62	130
	277647		2511628	Pyrene	83	62	130
	277647		2511607	Pyrene	83	62	130
	277969		2511632	1,2-Dichlorobenzene	83.5	40	100
	277969		2511633	1,2-Dichlorobenzene	83.5	40	100
	277969		2511634	1,2-Dichlorobenzene	83.5	40	100
	277969		2511664	1,2-Dichlorobenzene	83.5	40	100
	277969		2511664	1,3-Dinitrobenzene	99.8	45	135
	277969		2511632	1,3-Dinitrobenzene	99.8	45	135
	277969		2511633	1,3-Dinitrobenzene	99.8	45	135
	277969		2511634	1,3-Dinitrobenzene	99.8	45	135
	277969		2511632	2,4,5-Trichlorophenol	96.8	50	110
	277969		2511634	2,4,5-Trichlorophenol	96.8	50	110
	277969		2511633	2,4,5-Trichlorophenol	96.8	50	110
	277969		2511664	2,4,5-Trichlorophenol	96.8	50	110
	277969		2511632	2,4,6-Trichlorophenol	92.5	53	115
	277969		2511634	2,4,6-Trichlorophenol	92.5	53	115
	277969		2511664	2,4,6-Trichlorophenol	92.5	53	115
	277969		2511633	2,4,6-Trichlorophenol	92.5	53	115
	277969		2511633	2,4-Dimethylphenol	99.8	47	110
	277969		2511632	2,4-Dimethylphenol	99.8	47	110
	277969		2511664	2,4-Dimethylphenol	99.8	47	110
	277969		2511634	2,4-Dimethylphenol	99.8	47	110
	277969		2511633	2,4-Dinitrophenol	85.9	56	140
	277969		2511632	2,4-Dinitrophenol	85.9	56	140
	277969		2511664	2,4-Dinitrophenol	85.9	56	140
	277969		2511634	2,4-Dinitrophenol	85.9	56	140
	277969		2511632	2,4-Dinitrotoluene	99.8	69	120
	277969		2511633	2,4-Dinitrotoluene	99.8	69	120
	277969		2511634	2,4-Dinitrotoluene	99.8	69	120
	277969		2511664	2,4-Dinitrotoluene	99.8	69	120
	277969		2511634	2,6-Dinitrotoluene	102	69	115
	277969		2511664	2,6-Dinitrotoluene	102	69	115
	277969		2511632	2,6-Dinitrotoluene	102	69	115
	277969		2511633	2,6-Dinitrotoluene	102	69	115
	277969		2511634	2-Chloronaphthalene	93	35	105
	277969		2511633	2-Chloronaphthalene	93	35	105
	277969		2511632	2-Chloronaphthalene	93	35	105
	277969		2511664	2-Chloronaphthalene	93	35	105
	277969		2511632	2-Chlorophenol	89.5	51	105

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277969	WATER	2511634	2-Chlorophenol	89.5	51	105
	277969		2511664	2-Chlorophenol	89.5	51	105
	277969		2511633	2-Chlorophenol	89.5	51	105
	277969		2511634	2-Methylnaphthalene	72.5	57	105
	277969		2511632	2-Methylnaphthalene	72.5	57	105
	277969		2511633	2-Methylnaphthalene	72.5	57	105
	277969		2511664	2-Methylnaphthalene	72.5	57	105
	277969		2511664	2-Methylphenol	84.2	47	110
	277969		2511632	2-Methylphenol	84.2	47	110
	277969		2511634	2-Methylphenol	84.2	47	110
	277969		2511633	2-Methylphenol	84.2	47	110
	277969		2511632	2-Nitroaniline	75.2	66	115
	277969		2511664	2-Nitroaniline	75.2	66	115
	277969		2511633	2-Nitroaniline	75.2	66	115
	277969		2511634	2-Nitroaniline	75.2	66	115
	277969		2511664	2-Nitrophenol	91.5	48	115
	277969		2511633	2-Nitrophenol	91.5	48	115
	277969		2511634	2-Nitrophenol	91.5	48	115
	277969		2511632	2-Nitrophenol	91.5	48	115
	277969		2511634	3,3'-Dichlorobenzidine	107	55	110
	277969		2511664	3,3'-Dichlorobenzidine	107	55	110
	277969		2511633	3,3'-Dichlorobenzidine	107	55	110
	277969		2511632	3,3'-Dichlorobenzidine	107	55	110
	277969		2511633	3-Nitroaniline	73.2	61	125
	277969		2511664	3-Nitroaniline	73.2	61	125
	277969		2511632	3-Nitroaniline	73.2	61	125
	277969		2511634	3-Nitroaniline	73.2	61	125
	277969		2511633	4,6-Dinitro-2-methylphenol	88.8	44	130
	277969		2511664	4,6-Dinitro-2-methylphenol	88.8	44	130
	277969		2511634	4,6-Dinitro-2-methylphenol	88.8	44	130
	277969		2511632	4,6-Dinitro-2-methylphenol	88.8	44	130
	277969		2511632	4-Bromophenyl phenyl ether	96.2	54	113
	277969		2511633	4-Bromophenyl phenyl ether	96.2	54	113
	277969		2511664	4-Bromophenyl phenyl ether	96.2	54	113
	277969		2511634	4-Bromophenyl phenyl ether	96.2	54	113
	277969		2511634	4-Chloro-3-methylphenol	94	55	110
	277969		2511633	4-Chloro-3-methylphenol	94	55	110
	277969		2511632	4-Chloro-3-methylphenol	94	55	110
	277969		2511664	4-Chloro-3-methylphenol	94	55	110
	277969		2511633	4-Chloroaniline	70.2	52	110
	277969		2511634	4-Chloroaniline	70.2	52	110
	277969		2511664	4-Chloroaniline	70.2	52	110

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277969	WATER	2511632	4-Chloroaniline	70.2	52	110
	277969		2511634	4-Chlorophenyl phenyl ether	106	60	110
	277969		2511664	4-Chlorophenyl phenyl ether	106	60	110
	277969		2511633	4-Chlorophenyl phenyl ether	106	60	110
	277969		2511632	4-Chlorophenyl phenyl ether	106	60	110
	277969		2511664	4-Methylphenol	76.5	37	110
	277969		2511634	4-Methylphenol	76.5	37	110
	277969		2511632	4-Methylphenol	76.5	37	110
	277969		2511633	4-Methylphenol	76.5	37	110
	277969		2511664	4-Nitroaniline	90	67	120
	277969		2511632	4-Nitroaniline	90	67	120
	277969		2511634	4-Nitroaniline	90	67	120
	277969		2511633	4-Nitroaniline	90	67	120
	277969		2511632	4-Nitrophenol	46.8	27	80
	277969		2511633	4-Nitrophenol	46.8	27	80
	277969		2511664	4-Nitrophenol	46.8	27	80
	277969		2511634	4-Nitrophenol	46.8	27	80
	277969		2511634	Acenaphthene	80.5	60	110
	277969		2511633	Acenaphthene	80.5	60	110
	277969		2511632	Acenaphthene	80.5	60	110
	277969		2511664	Acenaphthene	80.5	60	110
	277969		2511632	Acenaphthylene	82.5	58	105
	277969		2511633	Acenaphthylene	82.5	58	105
	277969		2511634	Acenaphthylene	82.5	58	105
	277969		2511664	Acenaphthylene	82.5	58	105
	277969		2511633	Anthracene	84.5	63	110
	277969		2511632	Anthracene	84.5	63	110
	277969		2511664	Anthracene	84.5	63	110
	277969		2511634	Anthracene	84.5	63	110
	277969		2511632	Benzidine	0	0	98
	277969		2511634	Benzidine	0	0	98
	277969		2511633	Benzidine	0	0	98
	277969		2511664	Benzidine	0	0	98
	277969		2511633	Benzo (a) anthracene	84	63	110
	277969		2511634	Benzo (a) anthracene	84	63	110
	277969		2511632	Benzo (a) anthracene	84	63	110
	277969		2511664	Benzo (a) anthracene	84	63	110
	277969		2511664	Benzo (a) pyrene	81.5	60	110
	277969		2511633	Benzo (a) pyrene	81.5	60	110
	277969		2511634	Benzo (a) pyrene	81.5	60	110
	277969		2511632	Benzo (a) pyrene	81.5	60	110
	277969		2511664	Benzo (b) fluoranthene	93.2	60	120

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277969	WATER	2511633	Benzo (b) fluoranthene	93.2	60	120
	277969		2511634	Benzo (b) fluoranthene	93.2	60	120
	277969		2511632	Benzo (b) fluoranthene	93.2	60	120
	277969		2511633	Benzo (g,h,i) perylene	81.2	40	125
	277969		2511664	Benzo (g,h,i) perylene	81.2	40	125
	277969		2511632	Benzo (g,h,i) perylene	81.2	40	125
	277969		2511634	Benzo (g,h,i) perylene	81.2	40	125
	277969		2511633	Benzo (k) fluoranthene	80.5	54	125
	277969		2511634	Benzo (k) fluoranthene	80.5	54	125
	277969		2511632	Benzo (k) fluoranthene	80.5	54	125
	277969		2511664	Benzo (k) fluoranthene	80.5	54	125
	277969		2511664	Benzoic acid	26.6	10	60
	277969		2511633	Benzoic acid	26.6	10	60
	277969		2511632	Benzoic acid	26.6	10	60
	277969		2511634	Benzoic acid	26.6	10	60
	277969		2511664	**Bis (2-chloroethoxy) methan**	**108**	**61**	**105**
	277969		2511633	**Bis (2-chloroethoxy) methan**	**108**	**61**	**105**
	277969		2511632	**Bis (2-chloroethoxy) methan**	**108**	**61**	**105**
	277969		2511634	**Bis (2-chloroethoxy) methan**	**108**	**61**	**105**
	277969		2511664	Bis (2-chloroethyl) ether	104	62	110
	277969		2511634	Bis (2-chloroethyl) ether	104	62	110
	277969		2511632	Bis (2-chloroethyl) ether	104	62	110
	277969		2511633	Bis (2-chloroethyl) ether	104	62	110
	277969		2511664	Bis (2-ethylhexyl) phthalate	115	63	125
	277969		2511634	Bis (2-ethylhexyl) phthalate	115	63	125
	277969		2511633	Bis (2-ethylhexyl) phthalate	115	63	125
	277969		2511632	Bis (2-ethylhexyl) phthalate	115	63	125
	277969		2511634	**Butyl benzylphthalate**	**119**	**64**	**115**
	277969		2511664	**Butyl benzylphthalate**	**119**	**64**	**115**
	277969		2511632	**Butyl benzylphthalate**	**119**	**64**	**115**
	277969		2511633	**Butyl benzylphthalate**	**119**	**64**	**115**
	277969		2511664	Chrysene	81.8	60	110
	277969		2511634	Chrysene	81.8	60	110
	277969		2511633	Chrysene	81.8	60	110
	277969		2511632	Chrysene	81.8	60	110
	277969		2511633	Dibenzo (a,h) anthracene	80.5	41	125
	277969		2511634	Dibenzo (a,h) anthracene	80.5	41	125
	277969		2511664	Dibenzo (a,h) anthracene	80.5	41	125
	277969		2511632	Dibenzo (a,h) anthracene	80.5	41	125
	277969		2511664	Dibenzofuran	74.8	64	105
	277969		2511632	Dibenzofuran	74.8	64	105
	277969		2511634	Dibenzofuran	74.8	64	105

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277969	WATER	2511633	Dibenzofuran	74.8	64	105
	277969		2511633	Diethyl phthalate	112	64	120
	277969		2511634	Diethyl phthalate	112	64	120
	277969		2511664	Diethyl phthalate	112	64	120
	277969		2511632	Diethyl phthalate	112	64	120
	277969		2511632	Dimethyl phthalate	107	62	125
	277969		2511664	Dimethyl phthalate	107	62	125
	277969		2511634	Dimethyl phthalate	107	62	125
	277969		2511633	Dimethyl phthalate	107	62	125
	277969		2511634	Di-n-butylphthalate	113	65	115
	277969		2511632	Di-n-butylphthalate	113	65	115
	277969		2511633	Di-n-butylphthalate	113	65	115
	277969		2511664	Di-n-butylphthalate	113	65	115
	277969		2511632	Di-n-octylphthalate	116	57	135
	277969		2511634	Di-n-octylphthalate	116	57	135
	277969		2511633	Di-n-octylphthalate	116	57	135
	277969		2511664	Di-n-octylphthalate	116	57	135
	277969		2511634	Fluoranthene	88	64	115
	277969		2511633	Fluoranthene	88	64	115
	277969		2511664	Fluoranthene	88	64	115
	277969		2511632	Fluoranthene	88	64	115
	277969		2511632	Fluorene	79.5	62	110
	277969		2511664	Fluorene	79.5	62	110
	277969		2511634	Fluorene	79.5	62	110
	277969		2511633	Fluorene	79.5	62	110
	277969		2511634	Hexachlorobenzene	93.8	68	110
	277969		2511633	Hexachlorobenzene	93.8	68	110
	277969		2511632	Hexachlorobenzene	93.8	68	110
	277969		2511664	Hexachlorobenzene	93.8	68	110
	277969		2511632	Hexachlorobutadiene	85.2	42	105
	277969		2511634	Hexachlorobutadiene	85.2	42	105
	277969		2511664	Hexachlorobutadiene	85.2	42	105
	277969		2511633	Hexachlorobutadiene	85.2	42	105
	277969		2511632	Hexachlorocyclopentadiene	81	27	139
	277969		2511664	Hexachlorocyclopentadiene	81	27	139
	277969		2511633	Hexachlorocyclopentadiene	81	27	139
	277969		2511634	Hexachlorocyclopentadiene	81	27	139
	277969		2511632	Hexachloroethane	81	32	95
	277969		2511633	Hexachloroethane	81	32	95
	277969		2511634	Hexachloroethane	81	32	95
	277969		2511664	Hexachloroethane	81	32	95
	277969		2511634	Indeno (1,2,3-c,d) pyrene	79	45	125

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	277969	WATER	2511664	Indeno (1,2,3-c,d) pyrene	79	45	125
	277969		2511632	Indeno (1,2,3-c,d) pyrene	79	45	125
	277969		2511633	Indeno (1,2,3-c,d) pyrene	79	45	125
	277969		2511632	Naphthalene	79	50	100
	277969		2511634	Naphthalene	79	50	100
	277969		2511664	Naphthalene	79	50	100
	277969		2511633	Naphthalene	79	50	100
	277969		2511633	Nitrobenzene	91.2	61	110
	277969		2511632	Nitrobenzene	91.2	61	110
	277969		2511634	Nitrobenzene	91.2	61	110
	277969		2511664	Nitrobenzene	91.2	61	110
	277969		2511632	n-Nitrosodi-n-propylamine	105	57	120
	277969		2511664	n-Nitrosodi-n-propylamine	105	57	120
	277969		2511633	n-Nitrosodi-n-propylamine	105	57	120
	277969		2511634	n-Nitrosodi-n-propylamine	105	57	120
	277969		2511633	**n-Nitrosodiphenylamine**	**118**	**71**	**110**
	277969		2511634	**n-Nitrosodiphenylamine**	**118**	**71**	**110**
	277969		2511632	**n-Nitrosodiphenylamine**	**118**	**71**	**110**
	277969		2511664	**n-Nitrosodiphenylamine**	**118**	**71**	**110**
	277969		2511634	Pentachlorophenol	88.2	41	115
	277969		2511633	Pentachlorophenol	88.2	41	115
	277969		2511664	Pentachlorophenol	88.2	41	115
	277969		2511632	Pentachlorophenol	88.2	41	115
	277969		2511634	Phenanthrene	81.8	61	115
	277969		2511632	Phenanthrene	81.8	61	115
	277969		2511633	Phenanthrene	81.8	61	115
	277969		2511664	Phenanthrene	81.8	61	115
	277969		2511632	Phenol	46	30	74
	277969		2511633	Phenol	46	30	74
	277969		2511664	Phenol	46	30	74
	277969		2511634	Phenol	46	30	74
	277969		2511634	Pyrene	81.2	62	130
	277969		2511633	Pyrene	81.2	62	130
	277969		2511664	Pyrene	81.2	62	130
	277969		2511632	Pyrene	81.2	62	130
	278111		2511696	1,2-Dichlorobenzene	83.8	40	100
	278111		2511696	1,3-Dinitrobenzene	106	45	135
	278111		2511696	2,4,5-Trichlorophenol	85.2	50	110
	278111		2511696	2,4,6-Trichlorophenol	84.5	53	115
	278111		2511696	2,4-Dimethylphenol	91	47	110
	278111		2511696	2,4-Dinitrophenol	86.4	56	140
	278111		2511696	2,4-Dinitrotoluene	93.5	69	120

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	278111	WATER	2511696	2,6-Dinitrotoluene	95	69	115
	278111		2511696	2-Chloronaphthalene	88.2	35	105
	278111		2511696	2-Chlorophenol	76.5	51	105
	278111		2511696	2-Methylnaphthalene	73	57	105
	278111		2511696	2-Methylphenol	73.8	47	110
	278111		2511696	2-Nitroaniline	66	66	115
	278111		2511696	2-Nitrophenol	87.2	48	115
	278111		2511696	3,3'-Dichlorobenzidine	90.5	55	110
	278111		2511696	3-Nitroaniline	69.8	61	125
	278111		2511696	4,6-Dinitro-2-methylphenol	81.5	44	130
	278111		2511696	4-Bromophenyl phenyl ether	102	54	113
	278111		2511696	4-Chloro-3-methylphenol	86.8	55	110
	278111		2511696	4-Chloroaniline	68.8	52	110
	278111		2511696	4-Chlorophenyl phenyl ether	97	60	110
	278111		2511696	**4-Methylphenol**	**139**	**37**	**110**
	278111		2511696	4-Nitroaniline	71.8	67	120
	278111		2511696	4-Nitrophenol	42	27	80
	278111		2511696	Acenaphthene	80	60	110
	278111		2511696	Acenaphthylene	79.5	58	105
	278111		2511696	Anthracene	87.5	63	110
	278111		2511696	Benzidine	0	0	98
	278111		2511696	Benzo (a) anthracene	77.2	63	110
	278111		2511696	Benzo (a) pyrene	79.8	60	110
	278111		2511696	Benzo (b) fluoranthene	84	60	120
	278111		2511696	Benzo (g,h,i) perylene	84.8	40	125
	278111		2511696	Benzo (k) fluoranthene	76.2	54	125
	278111		2511696	**Benzoic acid**	**0**	**10**	**60**
	278111		2511696	Bis (2-chloroethoxy) methane	102	61	105
	278111		2511696	Bis (2-chloroethyl) ether	90.5	62	110
	278111		2511696	Bis (2-ethylhexyl) phthalate	98	63	125
	278111		2511696	Butyl benzylphthalate	103	64	115
	278111		2511696	Chrysene	77	60	110
	278111		2511696	Dibenzo (a,h) anthracene	84	41	125
	278111		2511696	Dibenzofuran	73.8	64	105
	278111		2511696	Diethyl phthalate	97	64	120
	278111		2511696	Dimethyl phthalate	101	62	125
	278111		2511696	Di-n-butylphthalate	104	65	115
	278111		2511696	Di-n-octylphthalate	96.2	57	135
	278111		2511696	Fluoranthene	78.5	64	115
	278111		2511696	Fluorene	77.5	62	110
	278111		2511696	Hexachlorobenzene	104	68	110
	278111		2511696	Hexachlorobutadiene	93.5	42	105

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	278111	WATER	2511696	Hexachlorocyclopentadiene	76.5	27	139
	278111		2511696	Hexachloroethane	70.8	32	95
	278111		2511696	Indeno (1,2,3-c,d) pyrene	85.5	45	125
	278111		2511696	Naphthalene	77.2	50	100
	278111		2511696	Nitrobenzene	93.2	61	110
	278111		2511696	n-Nitrosodi-n-propylamine	90.2	57	120
	278111		2511696	**n-Nitrosodiphenylamine**	**128**	**71**	**110**
	278111		2511696	Pentachlorophenol	95.5	41	115
	278111		2511696	Phenanthrene	83.8	61	115
	278111		2511696	Phenol	44.5	30	74
	278111		2511696	Pyrene	77.8	62	130
	278809		2511758	1,2-Dichlorobenzene	81.8	40	100
	278809		2511758	1,3-Dinitrobenzene	91.8	45	135
	278809		2511758	2,4,5-Trichlorophenol	88.5	50	110
	278809		2511758	2,4,6-Trichlorophenol	84.8	53	115
	278809		2511758	2,4-Dimethylphenol	97.5	47	110
	278809		2511758	2,4-Dinitrophenol	92.4	56	140
	278809		2511758	2,4-Dinitrotoluene	93.8	69	120
	278809		2511758	2,6-Dinitrotoluene	96.5	69	115
	278809		2511758	2-Chloronaphthalene	87.2	35	105
	278809		2511758	2-Chlorophenol	88.2	51	105
	278809		2511758	2-Methylnaphthalene	90	57	105
	278809		2511758	2-Methylphenol	86.5	47	110
	278809		2511758	2-Nitroaniline	93.5	66	115
	278809		2511758	2-Nitrophenol	86.5	48	115
	278809		2511758	3,3'-Dichlorobenzidine	97.5	55	110
	278809		2511758	3-Nitroaniline	98	61	125
	278809		2511758	4,6-Dinitro-2-methylphenol	80	44	130
	278809		2511758	4-Bromophenyl phenyl ether	90.5	54	113
	278809		2511758	4-Chloro-3-methylphenol	92	55	110
	278809		2511758	4-Chloroaniline	89.8	52	110
	278809		2511758	4-Chlorophenyl phenyl ether	105	60	110
	278809		2511758	4-Methylphenol	81.5	37	110
	278809		2511758	4-Nitroaniline	102	67	120
	278809		2511758	4-Nitrophenol	46	27	80
	278809		2511758	Acenaphthene	90.2	60	110
	278809		2511758	Acenaphthylene	94.2	58	105
	278809		2511758	Anthracene	98.2	63	110
	278809		2511758	Benzidine	0	0	98
	278809		2511758	Benzo (a) anthracene	96	63	110
	278809		2511758	Benzo (a) pyrene	94	60	110
	278809		2511758	Benzo (b) fluoranthene	103	60	120

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	278809	WATER	2511758	Benzo (g,h,i) perylene	88.8	40	125
	278809		2511758	Benzo (k) fluoranthene	93.2	54	125
	278809		2511758	Benzoic acid	33.9	10	60
	278809		2511758	Bis (2-chloroethoxy) methane	105	61	105
	278809		2511758	Bis (2-chloroethyl) ether	102	62	110
	278809		2511758	Bis (2-ethylhexyl) phthalate	111	63	125
	278809		2511758	Butyl benzylphthalate	106	64	115
	278809		2511758	Chrysene	95.8	60	110
	278809		2511758	Dibenzo (a,h) anthracene	94	41	125
	278809		2511758	Dibenzofuran	97	64	105
	278809		2511758	Diethyl phthalate	107	64	120
	278809		2511758	Dimethyl phthalate	107	62	125
	278809		2511758	**Di-n-butylphthalate**	**116**	**65**	**115**
	278809		2511758	Di-n-octylphthalate	106	57	135
	278809		2511758	Fluoranthene	105	64	115
	278809		2511758	Fluorene	94	62	110
	278809		2511758	Hexachlorobenzene	87.8	68	110
	278809		2511758	Hexachlorobutadiene	76	42	105
	278809		2511758	Hexachlorocyclopentadiene	57	27	139
	278809		2511758	Hexachloroethane	74	32	95
	278809		2511758	Indeno (1,2,3-c,d) pyrene	94.8	45	125
	278809		2511758	Naphthalene	88.8	50	100
	278809		2511758	Nitrobenzene	88	61	110
	278809		2511758	n-Nitrosodi-n-propylamine	112	57	120
	278809		2511758	**n-Nitrosodiphenylamine**	**111**	**71**	**110**
	278809		2511758	Pentachlorophenol	90	41	115
	278809		2511758	Phenanthrene	96	61	115
	278809		2511758	Phenol	48.8	30	74
	278809		2511758	Pyrene	97.2	62	130
	278810		2511758	1,2-Dichlorobenzene	92.5	40	100
	278810		2511758	1,3-Dinitrobenzene	106	45	135
	278810		2511758	2,4,5-Trichlorophenol	100	50	110
	278810		2511758	2,4,6-Trichlorophenol	94	53	115
	278810		2511758	2,4-Dimethylphenol	109	47	110
	278810		2511758	2,4-Dinitrophenol	110	56	140
	278810		2511758	2,4-Dinitrotoluene	105	69	120
	278810		2511758	2,6-Dinitrotoluene	106	69	115
	278810		2511758	2-Chloronaphthalene	96.5	35	105
	278810		2511758	2-Chlorophenol	96.8	51	105
	278810		2511758	2-Methylnaphthalene	101	57	105
	278810		2511758	2-Methylphenol	94.5	47	110
	278810		2511758	2-Nitroaniline	106	66	115

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	278810	WATER	2511758	2-Nitrophenol	96.5	48	115
	278810		2511758	**3,3'-Dichlorobenzidine**	**114**	**55**	**110**
	278810		2511758	3-Nitroaniline	104	61	125
	278810		2511758	4,6-Dinitro-2-methylphenol	86.2	44	130
	278810		2511758	4-Bromophenyl phenyl ether	99.5	54	113
	278810		2511758	4-Chloro-3-methylphenol	100	55	110
	278810		2511758	4-Chloroaniline	101	52	110
	278810		2511758	**4-Chlorophenyl phenyl ether**	**117**	**60**	**110**
	278810		2511758	4-Methylphenol	89	37	110
	278810		2511758	4-Nitroaniline	113	67	120
	278810		2511758	4-Nitrophenol	51.5	27	80
	278810		2511758	Acenaphthene	100	60	110
	278810		2511758	Acenaphthylene	105	58	105
	278810		2511758	Anthracene	107	63	110
	278810		2511758	Benzidine	0	0	98
	278810		2511758	Benzo (a) anthracene	109	63	110
	278810		2511758	Benzo (a) pyrene	107	60	110
	278810		2511758	Benzo (b) fluoranthene	115	60	120
	278810		2511758	Benzo (g,h,i) perylene	97.8	40	125
	278810		2511758	Benzo (k) fluoranthene	102	54	125
	278810		2511758	Benzoic acid	25.6	10	60
	278810		2511758	**Bis (2-chloroethoxy) methan**	**115**	**61**	**105**
	278810		2511758	Bis (2-chloroethyl) ether	110	62	110
	278810		2511758	Bis (2-ethylhexyl) phthalate	122	63	125
	278810		2511758	**Butyl benzylphthalate**	**118**	**64**	**115**
	278810		2511758	Chrysene	104	60	110
	278810		2511758	Dibenzo (a,h) anthracene	102	41	125
	278810		2511758	**Dibenzofuran**	**106**	**64**	**105**
	278810		2511758	Diethyl phthalate	119	64	120
	278810		2511758	Dimethyl phthalate	118	62	125
	278810		2511758	**Di-n-butylphthalate**	**126**	**65**	**115**
	278810		2511758	Di-n-octylphthalate	120	57	135
	278810		2511758	Fluoranthene	115	64	115
	278810		2511758	Fluorene	104	62	110
	278810		2511758	Hexachlorobenzene	97.5	68	110
	278810		2511758	Hexachlorobutadiene	89	42	105
	278810		2511758	Hexachlorocyclopentadiene	67.2	27	139
	278810		2511758	Hexachloroethane	84	32	95
	278810		2511758	Indeno (1,2,3-c,d) pyrene	104	45	125
	278810		2511758	Naphthalene	99	50	100
	278810		2511758	Nitrobenzene	96.5	61	110
	278810		2511758	**n-Nitrosodi-n-propylamine**	**121**	**57**	**120**

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	278810	WATER	2511758	**n-Nitrosodiphenylamine**	**122**	**71**	**110**
	278810		2511758	Pentachlorophenol	99.2	41	115
	278810		2511758	Phenanthrene	105	61	115
	278810		2511758	Phenol	55	30	74
	278810		2511758	Pyrene	106	62	130
SW8310							
	277234	WATER	2511584	1-Methylnaphthalene	86	68	114
	277234		2511584	2-Methylnaphthalene	92	62	108
	277234		2511584	Acenaphthene	87	66	110
	277234		2511584	Acenaphthylene	84	62	110
	277234		2511584	Anthracene	92	76	112
	277234		2511584	Benz(a)anthracene	89	69	110
	277234		2511584	Benzo(a)pyrene	90	69	116
	277234		2511584	Benzo(b)fluoranthene	86	71	109
	277234		2511584	Benzo(g,h,i)perylene	95	60	105
	277234		2511584	Benzo(k)fluoranthene	93	69	107
	277234		2511584	Chrysene	94	71	111
	277234		2511584	Dibenz(a,h)anthracene	87	62	109
	277234		2511584	Fluoranthene	91	69	111
	277234		2511584	Fluorene	88	66	105
	277234		2511584	Indeno(1,2,3-cd)pyrene	92	52	121
	277234		2511584	Naphthalene	87	65	113
	277234		2511584	Phenanthrene	89	67	112
	277234		2511584	Pyrene	92	69	110
	277235		2511584	1-Methylnaphthalene	90	68	114
	277235		2511584	2-Methylnaphthalene	96	62	108
	277235		2511584	Acenaphthene	90	66	110
	277235		2511584	Acenaphthylene	87	62	110
	277235		2511584	Anthracene	93	76	112
	277235		2511584	Benz(a)anthracene	88	69	110
	277235		2511584	Benzo(a)pyrene	90	69	116
	277235		2511584	Benzo(b)fluoranthene	86	71	109
	277235		2511584	Benzo(g,h,i)perylene	95	60	105
	277235		2511584	Benzo(k)fluoranthene	92	69	107
	277235		2511584	Chrysene	94	71	111
	277235		2511584	Dibenz(a,h)anthracene	87	62	109
	277235		2511584	Fluoranthene	91	69	111
	277235		2511584	Fluorene	91	66	105
	277235		2511584	Indeno(1,2,3-cd)pyrene	93	52	121
	277235		2511584	Naphthalene	91	65	113
	277235		2511584	Phenanthrene	91	67	112
	277235		2511584	Pyrene	92	69	110

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	277513	WATER	2511616	1-Methylnaphthalene	83	68	114
	277513		2511612	1-Methylnaphthalene	83	68	114
	277513		2511596	1-Methylnaphthalene	83	68	114
	277513		2511607	1-Methylnaphthalene	83	68	114
	277513		2511612	2-Methylnaphthalene	94	62	108
	277513		2511607	2-Methylnaphthalene	94	62	108
	277513		2511616	2-Methylnaphthalene	94	62	108
	277513		2511596	2-Methylnaphthalene	94	62	108
	277513		2511616	Acenaphthene	89	66	110
	277513		2511607	Acenaphthene	89	66	110
	277513		2511612	Acenaphthene	89	66	110
	277513		2511596	Acenaphthene	89	66	110
	277513		2511607	Acenaphthylene	86	62	110
	277513		2511616	Acenaphthylene	86	62	110
	277513		2511612	Acenaphthylene	86	62	110
	277513		2511596	Acenaphthylene	86	62	110
	277513		2511596	Anthracene	95	76	112
	277513		2511616	Anthracene	95	76	112
	277513		2511607	Anthracene	95	76	112
	277513		2511612	Anthracene	95	76	112
	277513		2511616	Benz(a)anthracene	90	69	110
	277513		2511607	Benz(a)anthracene	90	69	110
	277513		2511596	Benz(a)anthracene	90	69	110
	277513		2511612	Benz(a)anthracene	90	69	110
	277513		2511607	Benzo(a)pyrene	96	69	116
	277513		2511612	Benzo(a)pyrene	96	69	116
	277513		2511596	Benzo(a)pyrene	96	69	116
	277513		2511616	Benzo(a)pyrene	96	69	116
	277513		2511607	Benzo(b)fluoranthene	88	71	109
	277513		2511596	Benzo(b)fluoranthene	88	71	109
	277513		2511612	Benzo(b)fluoranthene	88	71	109
	277513		2511616	Benzo(b)fluoranthene	88	71	109
	277513		2511616	Benzo(g,h,i)perylene	96	60	105
	277513		2511607	Benzo(g,h,i)perylene	96	60	105
	277513		2511612	Benzo(g,h,i)perylene	96	60	105
	277513		2511596	Benzo(g,h,i)perylene	96	60	105
	277513		2511607	Benzo(k)fluoranthene	94	69	107
	277513		2511596	Benzo(k)fluoranthene	94	69	107
	277513		2511616	Benzo(k)fluoranthene	94	69	107
	277513		2511612	Benzo(k)fluoranthene	94	69	107
	277513		2511612	Chrysene	95	71	111
	277513		2511607	Chrysene	95	71	111

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	277513	WATER	2511596	Chrysene	95	71	111
	277513		2511616	Chrysene	95	71	111
	277513		2511616	Dibenz(a,h)anthracene	88	62	109
	277513		2511596	Dibenz(a,h)anthracene	88	62	109
	277513		2511607	Dibenz(a,h)anthracene	88	62	109
	277513		2511612	Dibenz(a,h)anthracene	88	62	109
	277513		2511616	Fluoranthene	92	69	111
	277513		2511596	Fluoranthene	92	69	111
	277513		2511607	Fluoranthene	92	69	111
	277513		2511612	Fluoranthene	92	69	111
	277513		2511607	Fluorene	90	66	105
	277513		2511616	Fluorene	90	66	105
	277513		2511596	Fluorene	90	66	105
	277513		2511612	Fluorene	90	66	105
	277513		2511596	Indeno(1,2,3-cd)pyrene	94	52	121
	277513		2511607	Indeno(1,2,3-cd)pyrene	94	52	121
	277513		2511612	Indeno(1,2,3-cd)pyrene	94	52	121
	277513		2511616	Indeno(1,2,3-cd)pyrene	94	52	121
	277513		2511596	Naphthalene	88	65	113
	277513		2511616	Naphthalene	88	65	113
	277513		2511607	Naphthalene	88	65	113
	277513		2511612	Naphthalene	88	65	113
	277513		2511616	Phenanthrene	91	67	112
	277513		2511596	Phenanthrene	91	67	112
	277513		2511607	Phenanthrene	91	67	112
	277513		2511612	Phenanthrene	91	67	112
	277513		2511616	Pyrene	95	69	110
	277513		2511596	Pyrene	95	69	110
	277513		2511607	Pyrene	95	69	110
	277513		2511612	Pyrene	95	69	110
	277514		2511616	1-Methylnaphthalene	90	68	114
	277514		2511607	1-Methylnaphthalene	90	68	114
	277514		2511596	1-Methylnaphthalene	90	68	114
	277514		2511612	1-Methylnaphthalene	90	68	114
	277514		2511596	2-Methylnaphthalene	101	62	108
	277514		2511616	2-Methylnaphthalene	101	62	108
	277514		2511612	2-Methylnaphthalene	101	62	108
	277514		2511607	2-Methylnaphthalene	101	62	108
	277514		2511612	Acenaphthene	97	66	110
	277514		2511607	Acenaphthene	97	66	110
	277514		2511596	Acenaphthene	97	66	110
	277514		2511616	Acenaphthene	97	66	110

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	277514	WATER	2511616	Acenaphthylene	94	62	110
	277514		2511607	Acenaphthylene	94	62	110
	277514		2511596	Acenaphthylene	94	62	110
	277514		2511612	Acenaphthylene	94	62	110
	277514		2511596	Anthracene	103	76	112
	277514		2511616	Anthracene	103	76	112
	277514		2511612	Anthracene	103	76	112
	277514		2511607	Anthracene	103	76	112
	277514		2511596	Benz(a)anthracene	98	69	110
	277514		2511607	Benz(a)anthracene	98	69	110
	277514		2511612	Benz(a)anthracene	98	69	110
	277514		2511616	Benz(a)anthracene	98	69	110
	277514		2511612	Benzo(a)pyrene	104	69	116
	277514		2511596	Benzo(a)pyrene	104	69	116
	277514		2511607	Benzo(a)pyrene	104	69	116
	277514		2511616	Benzo(a)pyrene	104	69	116
	277514		2511596	Benzo(b)fluoranthene	96	71	109
	277514		2511612	Benzo(b)fluoranthene	96	71	109
	277514		2511607	Benzo(b)fluoranthene	96	71	109
	277514		2511616	Benzo(b)fluoranthene	96	71	109
	277514		2511596	Benzo(g,h,i)perylene	105	60	105
	277514		2511607	Benzo(g,h,i)perylene	105	60	105
	277514		2511612	Benzo(g,h,i)perylene	105	60	105
	277514		2511616	Benzo(g,h,i)perylene	105	60	105
	277514		2511607	Benzo(k)fluoranthene	103	69	107
	277514		2511612	Benzo(k)fluoranthene	103	69	107
	277514		2511616	Benzo(k)fluoranthene	103	69	107
	277514		2511596	Benzo(k)fluoranthene	103	69	107
	277514		2511596	Chrysene	104	71	111
	277514		2511612	Chrysene	104	71	111
	277514		2511616	Chrysene	104	71	111
	277514		2511607	Chrysene	104	71	111
	277514		2511616	Dibenz(a,h)anthracene	96	62	109
	277514		2511596	Dibenz(a,h)anthracene	96	62	109
	277514		2511612	Dibenz(a,h)anthracene	96	62	109
	277514		2511607	Dibenz(a,h)anthracene	96	62	109
	277514		2511616	Fluoranthene	101	69	111
	277514		2511596	Fluoranthene	101	69	111
	277514		2511612	Fluoranthene	101	69	111
	277514		2511607	Fluoranthene	101	69	111
	277514		2511596	Fluorene	97	66	105
	277514		2511607	Fluorene	97	66	105

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	277514	WATER	2511616	Fluorene	97	66	105
	277514		2511612	Fluorene	97	66	105
	277514		2511607	Indeno(1,2,3-cd)pyrene	103	52	121
	277514		2511616	Indeno(1,2,3-cd)pyrene	103	52	121
	277514		2511612	Indeno(1,2,3-cd)pyrene	103	52	121
	277514		2511596	Indeno(1,2,3-cd)pyrene	103	52	121
	277514		2511616	Naphthalene	95	65	113
	277514		2511612	Naphthalene	95	65	113
	277514		2511607	Naphthalene	95	65	113
	277514		2511596	Naphthalene	95	65	113
	277514		2511612	Phenanthrene	99	67	112
	277514		2511607	Phenanthrene	99	67	112
	277514		2511596	Phenanthrene	99	67	112
	277514		2511616	Phenanthrene	99	67	112
	277514		2511612	Pyrene	103	69	110
	277514		2511607	Pyrene	103	69	110
	277514		2511596	Pyrene	103	69	110
	277514		2511616	Pyrene	103	69	110
	277594		2511628	1-Methylnaphthalene	86	68	114
	277594		2511628	2-Methylnaphthalene	98	62	108
	277594		2511628	Acenaphthene	92	66	110
	277594		2511628	Acenaphthylene	88	62	110
	277594		2511628	Anthracene	97	76	112
	277594		2511628	Benz(a)anthracene	89	69	110
	277594		2511628	Benzo(a)pyrene	100	69	116
	277594		2511628	Benzo(b)fluoranthene	87	71	109
	277594		2511628	Benzo(g,h,i)perylene	98	60	105
	277594		2511628	Benzo(k)fluoranthene	93	69	107
	277594		2511628	Chrysene	92	71	111
	277594		2511628	Dibenz(a,h)anthracene	88	62	109
	277594		2511628	Fluoranthene	92	69	111
	277594		2511628	Fluorene	91	66	105
	277594		2511628	Indeno(1,2,3-cd)pyrene	95	52	121
	277594		2511628	Naphthalene	92	65	113
	277594		2511628	Phenanthrene	92	67	112
	277594		2511628	Pyrene	94	69	110
	277595		2511628	1-Methylnaphthalene	88	68	114
	277595		2511628	2-Methylnaphthalene	100	62	108
	277595		2511628	Acenaphthene	93	66	110
	277595		2511628	Acenaphthylene	90	62	110
	277595		2511628	Anthracene	99	76	112
	277595		2511628	Benz(a)anthracene	92	69	110

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	277595	WATER	2511628	Benzo(a)pyrene	98	69	116
	277595		2511628	Benzo(b)fluoranthene	90	71	109
	277595		2511628	Benzo(g,h,i)perylene	100	60	105
	277595		2511628	Benzo(k)fluoranthene	96	69	107
	277595		2511628	Chrysene	97	71	111
	277595		2511628	Dibenz(a,h)anthracene	91	62	109
	277595		2511628	Fluoranthene	95	69	111
	277595		2511628	Fluorene	93	66	105
	277595		2511628	Indeno(1,2,3-cd)pyrene	98	52	121
	277595		2511628	Naphthalene	94	65	113
	277595		2511628	Phenanthrene	94	67	112
	277595		2511628	Pyrene	97	69	110
	277789		2511632	1-Methylnaphthalene	85	68	114
	277789		2511634	1-Methylnaphthalene	85	68	114
	277789		2511633	1-Methylnaphthalene	85	68	114
	277789		2511634	2-Methylnaphthalene	95	62	108
	277789		2511632	2-Methylnaphthalene	95	62	108
	277789		2511633	2-Methylnaphthalene	95	62	108
	277789		2511633	Acenaphthene	89	66	110
	277789		2511634	Acenaphthene	89	66	110
	277789		2511632	Acenaphthene	89	66	110
	277789		2511632	Acenaphthylene	86	62	110
	277789		2511633	Acenaphthylene	86	62	110
	277789		2511634	Acenaphthylene	86	62	110
	277789		2511633	Anthracene	91	76	112
	277789		2511632	Anthracene	91	76	112
	277789		2511634	Anthracene	91	76	112
	277789		2511634	Benz(a)anthracene	87	69	110
	277789		2511633	Benz(a)anthracene	87	69	110
	277789		2511632	Benz(a)anthracene	87	69	110
	277789		2511633	Benzo(a)pyrene	92	69	116
	277789		2511634	Benzo(a)pyrene	92	69	116
	277789		2511632	Benzo(a)pyrene	92	69	116
	277789		2511632	Benzo(b)fluoranthene	88	71	109
	277789		2511634	Benzo(b)fluoranthene	88	71	109
	277789		2511633	Benzo(b)fluoranthene	88	71	109
	277789		2511633	Benzo(g,h,i)perylene	91	60	105
	277789		2511632	Benzo(g,h,i)perylene	91	60	105
	277789		2511634	Benzo(g,h,i)perylene	91	60	105
	277789		2511634	Benzo(k)fluoranthene	93	69	107
	277789		2511633	Benzo(k)fluoranthene	93	69	107
	277789		2511632	Benzo(k)fluoranthene	93	69	107

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	277789	WATER	2511634	Chrysene	95	71	111
	277789		2511632	Chrysene	95	71	111
	277789		2511633	Chrysene	95	71	111
	277789		2511633	Dibenz(a,h)anthracene	88	62	109
	277789		2511634	Dibenz(a,h)anthracene	88	62	109
	277789		2511632	Dibenz(a,h)anthracene	88	62	109
	277789		2511633	Fluoranthene	92	69	111
	277789		2511632	Fluoranthene	92	69	111
	277789		2511634	Fluoranthene	92	69	111
	277789		2511634	Fluorene	90	66	105
	277789		2511633	Fluorene	90	66	105
	277789		2511632	Fluorene	90	66	105
	277789		2511634	Indeno(1,2,3-cd)pyrene	90	52	121
	277789		2511633	Indeno(1,2,3-cd)pyrene	90	52	121
	277789		2511632	Indeno(1,2,3-cd)pyrene	90	52	121
	277789		2511634	Naphthalene	89	65	113
	277789		2511632	Naphthalene	89	65	113
	277789		2511633	Naphthalene	89	65	113
	277789		2511634	Phenanthrene	91	67	112
	277789		2511633	Phenanthrene	91	67	112
	277789		2511632	Phenanthrene	91	67	112
	277789		2511632	Pyrene	93	69	110
	277789		2511634	Pyrene	93	69	110
	277789		2511633	Pyrene	93	69	110
	277790		2511632	1-Methylnaphthalene	83	68	114
	277790		2511633	1-Methylnaphthalene	83	68	114
	277790		2511634	1-Methylnaphthalene	83	68	114
	277790		2511632	2-Methylnaphthalene	93	62	108
	277790		2511633	2-Methylnaphthalene	93	62	108
	277790		2511634	2-Methylnaphthalene	93	62	108
	277790		2511632	Acenaphthene	88	66	110
	277790		2511634	Acenaphthene	88	66	110
	277790		2511633	Acenaphthene	88	66	110
	277790		2511634	Acenaphthylene	84	62	110
	277790		2511633	Acenaphthylene	84	62	110
	277790		2511632	Acenaphthylene	84	62	110
	277790		2511632	Anthracene	90	76	112
	277790		2511633	Anthracene	90	76	112
	277790		2511634	Anthracene	90	76	112
	277790		2511632	Benz(a)anthracene	86	69	110
	277790		2511633	Benz(a)anthracene	86	69	110
	277790		2511634	Benz(a)anthracene	86	69	110

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	277790	WATER	2511632	Benzo(a)pyrene	90	69	116
	277790		2511633	Benzo(a)pyrene	90	69	116
	277790		2511634	Benzo(a)pyrene	90	69	116
	277790		2511632	Benzo(b)fluoranthene	86	71	109
	277790		2511633	Benzo(b)fluoranthene	86	71	109
	277790		2511634	Benzo(b)fluoranthene	86	71	109
	277790		2511634	Benzo(g,h,i)perylene	90	60	105
	277790		2511632	Benzo(g,h,i)perylene	90	60	105
	277790		2511633	Benzo(g,h,i)perylene	90	60	105
	277790		2511634	Benzo(k)fluoranthene	92	69	107
	277790		2511632	Benzo(k)fluoranthene	92	69	107
	277790		2511633	Benzo(k)fluoranthene	92	69	107
	277790		2511634	Chrysene	94	71	111
	277790		2511632	Chrysene	94	71	111
	277790		2511633	Chrysene	94	71	111
	277790		2511632	Dibenz(a,h)anthracene	87	62	109
	277790		2511634	Dibenz(a,h)anthracene	87	62	109
	277790		2511633	Dibenz(a,h)anthracene	87	62	109
	277790		2511634	Fluoranthene	90	69	111
	277790		2511632	Fluoranthene	90	69	111
	277790		2511633	Fluoranthene	90	69	111
	277790		2511634	Fluorene	88	66	105
	277790		2511632	Fluorene	88	66	105
	277790		2511633	Fluorene	88	66	105
	277790		2511632	Indeno(1,2,3-cd)pyrene	89	52	121
	277790		2511633	Indeno(1,2,3-cd)pyrene	89	52	121
	277790		2511634	Indeno(1,2,3-cd)pyrene	89	52	121
	277790		2511633	Naphthalene	87	65	113
	277790		2511634	Naphthalene	87	65	113
	277790		2511632	Naphthalene	87	65	113
	277790		2511633	Phenanthrene	89	67	112
	277790		2511632	Phenanthrene	89	67	112
	277790		2511634	Phenanthrene	89	67	112
	277790		2511633	Pyrene	91	69	110
	277790		2511632	Pyrene	91	69	110
	277790		2511634	Pyrene	91	69	110
	278025		2511664	1-Methylnaphthalene	83	68	114
	278025		2511664	2-Methylnaphthalene	94	62	108
	278025		2511664	Acenaphthene	88	66	110
	278025		2511664	Acenaphthylene	85	62	110
	278025		2511664	Anthracene	92	76	112
	278025		2511664	Benz(a)anthracene	85	69	110

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	278025	WATER	2511664	Benzo(a)pyrene	101	69	116
	278025		2511664	Benzo(b)fluoranthene	83	71	109
	278025		2511664	Benzo(g,h,i)perylene	94	60	105
	278025		2511664	Benzo(k)fluoranthene	89	69	107
	278025		2511664	Chrysene	89	71	111
	278025		2511664	Dibenz(a,h)anthracene	85	62	109
	278025		2511664	Fluoranthene	89	69	111
	278025		2511664	Fluorene	87	66	105
	278025		2511664	Indeno(1,2,3-cd)pyrene	90	52	121
	278025		2511664	Naphthalene	88	65	113
	278025		2511664	Phenanthrene	88	67	112
	278025		2511664	Pyrene	90	69	110
	278026		2511664	1-Methylnaphthalene	97	68	114
	278026		2511664	**2-Methylnaphthalene**	**109**	**62**	**108**
	278026		2511664	Acenaphthene	103	66	110
	278026		2511664	Acenaphthylene	100	62	110
	278026		2511664	Anthracene	107	76	112
	278026		2511664	Benz(a)anthracene	100	69	110
	278026		2511664	Benzo(a)pyrene	116	69	116
	278026		2511664	Benzo(b)fluoranthene	98	71	109
	278026		2511664	**Benzo(g,h,i)perylene**	**109**	**60**	**105**
	278026		2511664	Benzo(k)fluoranthene	105	69	107
	278026		2511664	Chrysene	105	71	111
	278026		2511664	Dibenz(a,h)anthracene	100	62	109
	278026		2511664	Fluoranthene	104	69	111
	278026		2511664	Fluorene	102	66	105
	278026		2511664	Indeno(1,2,3-cd)pyrene	104	52	121
	278026		2511664	Naphthalene	102	65	113
	278026		2511664	Phenanthrene	104	67	112
	278026		2511664	Pyrene	107	69	110
	278216		2511664	1-Methylnaphthalene	76	68	114
	278216		2511696	1-Methylnaphthalene	76	68	114
	278216		2511664	2-Methylnaphthalene	86	62	108
	278216		2511696	2-Methylnaphthalene	86	62	108
	278216		2511696	Acenaphthene	80	66	110
	278216		2511664	Acenaphthene	80	66	110
	278216		2511664	Acenaphthylene	76	62	110
	278216		2511696	Acenaphthylene	76	62	110
	278216		2511696	Anthracene	86	76	112
	278216		2511664	Anthracene	86	76	112
	278216		2511696	Benz(a)anthracene	76	69	110
	278216		2511664	Benz(a)anthracene	76	69	110

TABLE 6
LCS Recovery
Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	278216	WATER	2511696	Benzo(a)pyrene	94	69	116
	278216		2511664	Benzo(a)pyrene	94	69	116
	278216		2511664	Benzo(b)fluoranthene	74	71	109
	278216		2511696	Benzo(b)fluoranthene	74	71	109
	278216		2511696	Benzo(g,h,i)perylene	86	60	105
	278216		2511664	Benzo(g,h,i)perylene	86	60	105
	278216		2511696	Benzo(k)fluoranthene	80	69	107
	278216		2511664	Benzo(k)fluoranthene	80	69	107
	278216		2511664	Chrysene	80	71	111
	278216		2511696	Chrysene	80	71	111
	278216		2511696	Dibenz(a,h)anthracene	75	62	109
	278216		2511664	Dibenz(a,h)anthracene	75	62	109
	278216		2511664	Fluoranthene	80	69	111
	278216		2511696	Fluoranthene	80	69	111
	278216		2511664	Fluorene	80	66	105
	278216		2511696	Fluorene	80	66	105
	278216		2511664	Indeno(1,2,3-cd)pyrene	81	52	121
	278216		2511696	Indeno(1,2,3-cd)pyrene	81	52	121
	278216		2511664	Naphthalene	79	65	113
	278216		2511696	Naphthalene	79	65	113
	278216		2511696	Phenanthrene	79	67	112
	278216		2511664	Phenanthrene	79	67	112
	278216		2511696	Pyrene	83	69	110
	278216		2511664	Pyrene	83	69	110
	278834		2511758	1-Methylnaphthalene	84	68	114
	278834		2511758	2-Methylnaphthalene	101	62	108
	278834		2511758	Acenaphthene	93	66	110
	278834		2511758	Acenaphthylene	90	62	110
	278834		2511758	Anthracene	95	76	112
	278834		2511758	Benz(a)anthracene	87	69	110
	278834		2511758	Benzo(a)pyrene	102	69	116
	278834		2511758	Benzo(b)fluoranthene	88	71	109
	278834		2511758	Benzo(g,h,i)perylene	94	60	105
	278834		2511758	Benzo(k)fluoranthene	93	69	107
	278834		2511758	Chrysene	95	71	111
	278834		2511758	Dibenz(a,h)anthracene	88	62	109
	278834		2511758	Fluoranthene	94	69	111
	278834		2511758	Fluorene	95	66	105
	278834		2511758	Indeno(1,2,3-cd)pyrene	92	52	121
	278834		2511758	Naphthalene	92	65	113
	278834		2511758	Phenanthrene	94	67	112
	278834		2511758	Pyrene	95	69	110

TABLE 6

LCS Recovery

Sorted by Method and LabSample ID

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit

Bold formatting indicates recoveries below the lower control limit or above the upper control limit.

TABLE 7

Matrix Spike Recovery

Sorted by Method and Sample ID

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
E300									
	ST106-GW-10612-02022	WATER	2511696	MS	DCA	2	100	90	115
	ST106-GW-10612-02022	WATER		MS	DCA	1	94	90	115
	ST106-GW-10612-02022	WATER		MS	Nitrate	1	86.1	75	125
	ST106-GW-10612-02022	WATER		MS	Sulfate	2	93.7	75	125
	ST106-GW-10612-02022	WATER		SD	DCA	1	96	90	115
	ST106-GW-10612-02022	WATER		SD	DCA	2	97	90	115
	ST106-GW-10612-02022	WATER		SD	Nitrate	1	85.7	75	125
	ST106-GW-10612-02022	WATER		SD	Sulfate	2	93.1	75	125
SW6010B									
	ST106-GW-10612-02022	WATER	2511696	MS	Iron, dissolved	1	99.1	89	116
	ST106-GW-10612-02022	WATER		MS	Manganese, dissolved	1	98.2	90	110
	ST106-GW-10612-02022	WATER		SD	Iron, dissolved	1	100.3	89	116
	ST106-GW-10612-02022	WATER		SD	Manganese, dissolved	1	99.4	90	110
SW8011									
	ST106-GW-10612-02022	WATER	2511696	MS	1,1,2,2-Tetrachloroethane	1	95.8	70	130
	ST106-GW-10612-02022	WATER		MS	1,2-Dibromo-3-chloropropane	1	117	60	140
	ST106-GW-10612-02022	WATER		MS	1,2-Dibromoethane	1	117	60	140
	ST106-GW-10612-02022	WATER		SD	1,1,2,2-Tetrachloroethane	1	100	70	130
	ST106-GW-10612-02022	WATER		SD	1,2-Dibromo-3-chloropropane	1	100	60	140
	ST106-GW-10612-02022	WATER		SD	1,2-Dibromoethane	1	125	60	140
SW8015-E									
	ST106-GW-10612-02022	WATER	2511696	MS	o-Terphenyl	1	90	59	105
	ST106-GW-10612-02022	WATER		MS	TPH C10-C28	1	61.9	50	104
	ST106-GW-10612-02022	WATER		MS	Triacontane	1	73.9	40	140
	ST106-GW-10612-02022	WATER		**SD**	**o-Terphenyl**	1	**109**	**59**	**105**
	ST106-GW-10612-02022	WATER		SD	TPH C10-C28	1	85.6	50	104
	ST106-GW-10612-02022	WATER		SD	Triacontane	1	95.6	40	140
SW8015-P									
	ST106-GW-10612-02022	WATER	2511696	MS	Chlorobenzene	5	90	74	138
	ST106-GW-10612-02022	WATER		MS	TPH C6-C10	5	88	79	149
	ST106-GW-10612-02022	WATER		SD	Chlorobenzene	5	90	74	138
	ST106-GW-10612-02022	WATER		SD	TPH C6-C10	5	104	79	149
SW8260B									
	ST106-GW-10612-02022	WATER	2511696	MS	1,1,1,2-Tetrachloroethane	5	91.4	77	117
	ST106-GW-10612-02022	WATER		MS	1,1,1-Trichloroethane	5	102	78	118
	ST106-GW-10612-02022	WATER		MS	1,1,2,2-Tetrachloroethane	5	91.8	73	119
	ST106-GW-10612-02022	WATER		MS	1,1,2-Trichloroethane	5	97.3	76	116
	ST106-GW-10612-02022	WATER		MS	1,1-Dichloroethane	5	102	77	117
	ST106-GW-10612-02022	WATER		MS	1,1-Dichloroethene	5	105	66	133
	ST106-GW-10612-02022	WATER		MS	1,1-Dichloropropene	5	106	75	115
	ST106-GW-10612-02022	WATER		MS	1,2,3-Trichlorobenzene	5	80.9	66	123
	ST106-GW-10612-02022	WATER		MS	1,2,3-Trichloropropane	5	94.6	84	118

TABLE 7
Matrix Spike Recovery
Sorted by Method and Sample ID

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	ST106-GW-10612-02022	WATER	2511696	MS	1,2,4-Trichlorobenzene	5	85	73	121
	ST106-GW-10612-02022	WATER		MS	1,2,4-Trimethylbenzene	5	103	77	120
	ST106-GW-10612-02022	WATER		MS	1,2-Dibromo-3-chloropropane	5	77.9	65	117
	ST106-GW-10612-02022	WATER		MS	1,2-Dibromoethane	5	90.4	77	117
	ST106-GW-10612-02022	WATER		MS	1,2-Dichlorobenzene	5	96.2	76	116
	ST106-GW-10612-02022	WATER		MS	1,2-Dichloroethane	5	103	74	120
	ST106-GW-10612-02022	WATER		MS	1,2-Dichloroethane-d4	5	110	70	127
	ST106-GW-10612-02022	WATER		MS	1,2-Dichloropropane	5	104	76	116
	ST106-GW-10612-02022	WATER		MS	1,3,5-Trimethylbenzene	5	106	77	117
	ST106-GW-10612-02022	WATER		MS	1,3-Dichlorobenzene	5	96.8	75	115
	ST106-GW-10612-02022	WATER		MS	1,3-Dichloropropane	5	91.5	75	115
	ST106-GW-10612-02022	WATER		MS	1,4-Dichlorobenzene	5	96.1	77	117
	ST106-GW-10612-02022	WATER		MS	2,2-Dichloropropane	5	94.2	72	128
	ST106-GW-10612-02022	WATER		MS	2-Butanone	5	103	57	120
	ST106-GW-10612-02022	WATER		MS	2-Chlorotoluene	5	101	76	116
	ST106-GW-10612-02022	WATER		MS	2-Hexanone	5	81.7	57	121
	ST106-GW-10612-02022	WATER		MS	4-Bromofluorobenzene	5	104	78	118
	ST106-GW-10612-02022	WATER		MS	4-Bromofluorobenzene	5	104	78	118
	ST106-GW-10612-02022	WATER		MS	4-Chlorotoluene	5	100	78	118
	ST106-GW-10612-02022	WATER		MS	4-Methyl-2-Pentanone	5	82.3	65	118
	ST106-GW-10612-02022	WATER		MS	Acetone	5	80.3	48	130
	ST106-GW-10612-02022	WATER		MS	Benzene	5	92	77	118
	ST106-GW-10612-02022	WATER		MS	Bromobenzene	5	93.8	75	115
	ST106-GW-10612-02022	WATER		MS	Bromochloromethane	5	105	78	118
	ST106-GW-10612-02022	WATER		MS	Bromodichloromethane	5	99.1	78	118
	ST106-GW-10612-02022	WATER		MS	Bromoform	5	79	74	121
	ST106-GW-10612-02022	WATER		MS	Bromomethane	5	121	42	154
	ST106-GW-10612-02022	WATER		**MS**	**Carbon Disulfide**	5	**106**	**56**	**104**
	ST106-GW-10612-02022	WATER		MS	Carbon tetrachloride	5	98.5	80	120
	ST106-GW-10612-02022	WATER		MS	Chlorobenzene	5	96.6	78	118
	ST106-GW-10612-02022	WATER		MS	Chloroethane	5	113	51	133
	ST106-GW-10612-02022	WATER		MS	Chloroform	5	102	78	118
	ST106-GW-10612-02022	WATER		MS	Chloromethane	5	105	46	142
	ST106-GW-10612-02022	WATER		MS	Cis-1,2-DCE	5	106	75	115
	ST106-GW-10612-02022	WATER		MS	cis-1,3-Dichloropropene	5	97.1	76	113
	ST106-GW-10612-02022	WATER		MS	Dibromochloromethane	5	85.8	76	116
	ST106-GW-10612-02022	WATER		MS	Dibromofluoromethane	5	107	77	119
	ST106-GW-10612-02022	WATER		MS	Dibromomethane	5	102	77	117
	ST106-GW-10612-02022	WATER		MS	Dichlorodifluoromethane	5	89.2	56	140
	ST106-GW-10612-02022	WATER		MS	Ethylbenzene	5	96	78	118
	ST106-GW-10612-02022	WATER		MS	Hexachlorobutadiene	5	91.2	73	123
	ST106-GW-10612-02022	WATER		MS	Isopropylbenzene	5	101	71	113

TABLE 7

Matrix Spike Recovery

Sorted by Method and Sample ID

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	ST106-GW-10612-02022	WATER	2511696	MS	m,p-Xylene	5	94.5	78	118
	ST106-GW-10612-02022	WATER		MS	Methyl tert-Butyl Ether	5	89.5	58	116
	ST106-GW-10612-02022	WATER		**MS**	**Methylene chloride**	5	**133**	**71**	**119**
	ST106-GW-10612-02022	WATER		MS	Naphthalene	5	75.5	62	121
	ST106-GW-10612-02022	WATER		MS	n-Butylbenzene	5	102	76	117
	ST106-GW-10612-02022	WATER		MS	n-Propylbenzene	5	106	76	116
	ST106-GW-10612-02022	WATER		MS	o-Xylene	5	98.6	77	117
	ST106-GW-10612-02022	WATER		MS	p-Isopropyltoluene	5	103	76	113
	ST106-GW-10612-02022	WATER		MS	Sec-Butylbenzene	5	105	80	120
	ST106-GW-10612-02022	WATER		MS	Styrene	5	96.1	77	117
	ST106-GW-10612-02022	WATER		MS	tert-Butylbenzene	5	103	76	116
	ST106-GW-10612-02022	WATER		MS	Tetrachloroethene	5	98.2	77	117
	ST106-GW-10612-02022	WATER		MS	Toluene	5	100	73	120
	ST106-GW-10612-02022	WATER		MS	Toluene-d8	5	104	83	125
	ST106-GW-10612-02022	WATER		MS	trans-1,2-Dichloroethene	5	105	80	120
	ST106-GW-10612-02022	WATER		MS	trans-1,3-Dichloropropene	5	92.2	72	117
	ST106-GW-10612-02022	WATER		MS	Trichloroethene	5	103	78	122
	ST106-GW-10612-02022	WATER		MS	Trichlorofluoromethane	5	104	65	190
	ST106-GW-10612-02022	WATER		MS	Vinyl chloride	5	83.5	49	136
	ST106-GW-10612-02022	WATER		MS	Xylenes, Total	5	95.8	77	117
	ST106-GW-10612-02022	WATER		SD	1,1,1,2-Tetrachloroethane	5	89.2	77	117
	ST106-GW-10612-02022	WATER		SD	1,1,1-Trichloroethane	5	102	78	118
	ST106-GW-10612-02022	WATER		SD	1,1,2,2-Tetrachloroethane	5	90.8	73	119
	ST106-GW-10612-02022	WATER		SD	1,1,2-Trichloroethane	5	98.7	76	116
	ST106-GW-10612-02022	WATER		SD	1,1-Dichloroethane	5	101	77	117
	ST106-GW-10612-02022	WATER		SD	1,1-Dichloroethene	5	109	66	133
	ST106-GW-10612-02022	WATER		SD	1,1-Dichloropropene	5	102	75	115
	ST106-GW-10612-02022	WATER		SD	1,2,3-Trichlorobenzene	5	76.7	66	123
	ST106-GW-10612-02022	WATER		SD	1,2,3-Trichloropropane	5	90	84	118
	ST106-GW-10612-02022	WATER		SD	1,2,4-Trichlorobenzene	5	82	73	121
	ST106-GW-10612-02022	WATER		SD	1,2,4-Trimethylbenzene	5	100	77	120
	ST106-GW-10612-02022	WATER		SD	1,2-Dibromo-3-chloropropane	5	70.6	65	117
	ST106-GW-10612-02022	WATER		SD	1,2-Dibromoethane	5	86.8	77	117
	ST106-GW-10612-02022	WATER		SD	1,2-Dichlorobenzene	5	93.6	76	116
	ST106-GW-10612-02022	WATER		SD	1,2-Dichloroethane	5	105	74	120
	ST106-GW-10612-02022	WATER		SD	1,2-Dichloroethane-d4	5	115	70	127
	ST106-GW-10612-02022	WATER		SD	1,2-Dichloropropane	5	103	76	116
	ST106-GW-10612-02022	WATER		SD	1,3,5-Trimethylbenzene	5	105	77	117
	ST106-GW-10612-02022	WATER		SD	1,3-Dichlorobenzene	5	96.2	75	115
	ST106-GW-10612-02022	WATER		SD	1,3-Dichloropropane	5	91.6	75	115
	ST106-GW-10612-02022	WATER		SD	1,4-Dichlorobenzene	5	95.1	77	117
	ST106-GW-10612-02022	WATER		SD	2,2-Dichloropropane	5	93.5	72	128

TABLE 7
Matrix Spike Recovery
Sorted by Method and Sample ID

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	ST106-GW-10612-02022	WATER	2511696	SD	2-Butanone	5	95.7	57	120
	ST106-GW-10612-02022	WATER		SD	2-Chlorotoluene	5	106	76	116
	ST106-GW-10612-02022	WATER		SD	2-Hexanone	5	82	57	121
	ST106-GW-10612-02022	WATER		SD	4-Bromofluorobenzene	5	105	78	118
	ST106-GW-10612-02022	WATER		SD	4-Bromofluorobenzene	5	105	78	118
	ST106-GW-10612-02022	WATER		SD	4-Chlorotoluene	5	98.9	78	118
	ST106-GW-10612-02022	WATER		SD	4-Methyl-2-Pentanone	5	80	65	118
	ST106-GW-10612-02022	WATER		SD	Acetone	5	83.3	48	130
	ST106-GW-10612-02022	WATER		SD	Benzene	5	93	77	118
	ST106-GW-10612-02022	WATER		SD	Bromobenzene	5	95.2	75	115
	ST106-GW-10612-02022	WATER		SD	Bromochloromethane	5	106	78	118
	ST106-GW-10612-02022	WATER		SD	Bromodichloromethane	5	98.5	78	118
	ST106-GW-10612-02022	WATER		SD	Bromoform	5	74	74	121
	ST106-GW-10612-02022	WATER		SD	Bromomethane	5	114	42	154
	ST106-GW-10612-02022	WATER		**SD**	**Carbon Disulfide**	5	**106**	**56**	**104**
	ST106-GW-10612-02022	WATER		SD	Carbon tetrachloride	5	96.6	80	120
	ST106-GW-10612-02022	WATER		SD	Chlorobenzene	5	95.9	78	118
	ST106-GW-10612-02022	WATER		SD	Chloroethane	5	119	51	133
	ST106-GW-10612-02022	WATER		SD	Chloroform	5	100	78	118
	ST106-GW-10612-02022	WATER		SD	Chloromethane	5	106	46	142
	ST106-GW-10612-02022	WATER		SD	Cis-1,2-DCE	5	103	75	115
	ST106-GW-10612-02022	WATER		SD	cis-1,3-Dichloropropene	5	94.4	76	113
	ST106-GW-10612-02022	WATER		SD	Dibromochloromethane	5	83.8	76	116
	ST106-GW-10612-02022	WATER		SD	Dibromofluoromethane	5	111	77	119
	ST106-GW-10612-02022	WATER		SD	Dibromomethane	5	100	77	117
	ST106-GW-10612-02022	WATER		SD	Dichlorodifluoromethane	5	86.7	56	140
	ST106-GW-10612-02022	WATER		SD	Ethylbenzene	5	92	78	118
	ST106-GW-10612-02022	WATER		SD	Hexachlorobutadiene	5	92.2	73	123
	ST106-GW-10612-02022	WATER		SD	Isopropylbenzene	5	97.9	71	113
	ST106-GW-10612-02022	WATER		SD	m,p-Xylene	5	94	78	118
	ST106-GW-10612-02022	WATER		SD	Methyl tert-Butyl Ether	5	89	58	116
	ST106-GW-10612-02022	WATER		**SD**	**Methylene chloride**	5	**136**	**71**	**119**
	ST106-GW-10612-02022	WATER		SD	Naphthalene	5	71.2	62	121
	ST106-GW-10612-02022	WATER		SD	n-Butylbenzene	5	99.3	76	117
	ST106-GW-10612-02022	WATER		SD	n-Propylbenzene	5	103	76	116
	ST106-GW-10612-02022	WATER		SD	o-Xylene	5	96.6	77	117
	ST106-GW-10612-02022	WATER		SD	p-Isopropyltoluene	5	101	76	113
	ST106-GW-10612-02022	WATER		SD	Sec-Butylbenzene	5	102	80	120
	ST106-GW-10612-02022	WATER		SD	Styrene	5	95.9	77	117
	ST106-GW-10612-02022	WATER		SD	tert-Butylbenzene	5	102	76	116
	ST106-GW-10612-02022	WATER		SD	Tetrachloroethene	5	95	77	117
	ST106-GW-10612-02022	WATER		SD	Toluene	5	99.3	73	120

TABLE 7
Matrix Spike Recovery
Sorted by Method and Sample ID

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	ST106-GW-10612-02022	WATER	2511696	SD	Toluene-d8	5	109	83	125
	ST106-GW-10612-02022	WATER		SD	trans-1,2-Dichloroethene	5	104	80	120
	ST106-GW-10612-02022	WATER		SD	trans-1,3-Dichloropropene	5	91.7	72	117
	ST106-GW-10612-02022	WATER		SD	Trichloroethene	5	103	78	122
	ST106-GW-10612-02022	WATER		SD	Trichlorofluoromethane	5	101	65	190
	ST106-GW-10612-02022	WATER		SD	Vinyl chloride	5	82.6	49	136
	ST106-GW-10612-02022	WATER		SD	Xylenes, Total	5	94.8	77	117
SW8270C									
	ST106-GW-10612-02022	WATER	2511696	MS	1,2-Dichlorobenzene	1	89.4	40	100
	ST106-GW-10612-02022	WATER		MS	1,3-Dinitrobenzene	1	98.7	45	135
	ST106-GW-10612-02022	WATER		MS	2,4,5-Trichlorophenol	1	88.8	50	110
	ST106-GW-10612-02022	WATER		MS	2,4,6-Tribromophenol	1	115	10	122
	ST106-GW-10612-02022	WATER		MS	2,4,6-Trichlorophenol	1	89.1	53	115
	ST106-GW-10612-02022	WATER		MS	2,4-Dimethylphenol	1	94.9	47	110
	ST106-GW-10612-02022	WATER		MS	2,4-Dinitrophenol	1	105	56	140
	ST106-GW-10612-02022	WATER		MS	2,4-Dinitrophenol	1	105	56	140
	ST106-GW-10612-02022	WATER		MS	2,4-Dinitrotoluene	1	97.9	69	120
	ST106-GW-10612-02022	WATER		MS	2,6-Dinitrotoluene	1	96.8	69	115
	ST106-GW-10612-02022	WATER		MS	2-Chloronaphthalene	1	94.4	35	105
	ST106-GW-10612-02022	WATER		MS	2-Chlorophenol	1	81.4	51	105
	ST106-GW-10612-02022	WATER		MS	2-Fluorobiphenyl	1	94.1	43	116
	ST106-GW-10612-02022	WATER		MS	2-Fluorophenol	1	62.2	21	120
	ST106-GW-10612-02022	WATER		MS	2-Methylnaphthalene	1	74.5	57	105
	ST106-GW-10612-02022	WATER		MS	2-Methylphenol	1	73.4	47	110
	ST106-GW-10612-02022	WATER		MS	2-Nitroaniline	1	69.1	66	115
	ST106-GW-10612-02022	WATER		MS	2-Nitrophenol	1	92.8	48	115
	ST106-GW-10612-02022	WATER		MS	3,3'-Dichlorobenzidine	1	87.2	55	110
	ST106-GW-10612-02022	WATER		MS	3-Nitroaniline	1	68.9	61	125
	ST106-GW-10612-02022	WATER		MS	4,6-Dinitro-2-methylphenol	1	93.1	44	130
	ST106-GW-10612-02022	WATER		MS	4,6-Dinitro-2-methylphenol	1	93.1	44	130
	ST106-GW-10612-02022	WATER		MS	4-Bromophenyl phenyl ether	1	108	54	113
	ST106-GW-10612-02022	WATER		MS	4-Chloro-3-methylphenol	1	81.9	55	110
	ST106-GW-10612-02022	WATER		MS	4-Chloroaniline	1	64.9	52	110
	ST106-GW-10612-02022	WATER		MS	4-Chlorophenyl phenyl ether	1	98.4	60	110
	ST106-GW-10612-02022	WATER		**MS**	**4-Methylphenol**	1	**130**	**37**	**110**
	ST106-GW-10612-02022	WATER		MS	4-Nitroaniline	1	72.1	67	120
	ST106-GW-10612-02022	WATER		MS	4-Nitrophenol	1	43.1	27	80
	ST106-GW-10612-02022	WATER		MS	Acenaphthene	1	82.7	60	110
	ST106-GW-10612-02022	WATER		MS	Acenaphthene	1	82.7	60	110
	ST106-GW-10612-02022	WATER		MS	Acenaphthylene	1	84	58	105
	ST106-GW-10612-02022	WATER		MS	Anthracene	1	90.4	63	110
	ST106-GW-10612-02022	WATER		MS	Anthracene	1	90.4	63	110

TABLE 7
Matrix Spike Recovery
Sorted by Method and Sample ID

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C									
	ST106-GW-10612-02022	WATER	2511696	MS	Benzidine	1	0	0	98
	ST106-GW-10612-02022	WATER		MS	Benzo (a) anthracene	1	80.3	63	110
	ST106-GW-10612-02022	WATER		MS	Benzo (a) anthracene	1	80.3	63	110
	ST106-GW-10612-02022	WATER		MS	Benzo (a) pyrene	1	83.8	60	110
	ST106-GW-10612-02022	WATER		MS	Benzo (b) fluoranthene	1	85.1	60	120
	ST106-GW-10612-02022	WATER		MS	Benzo (g,h,i) perylene	1	94.9	40	125
	ST106-GW-10612-02022	WATER		MS	Benzo (g,h,i) perylene	1	94.9	40	125
	ST106-GW-10612-02022	WATER		MS	Benzo (k) fluoranthene	1	81.9	54	125
	ST106-GW-10612-02022	WATER		MS	Benzoic acid	1	21.8	10	60
	ST106-GW-10612-02022	WATER		MS	Benzoic acid	1	21.8	10	60
	ST106-GW-10612-02022	WATER		MS	Bis (2-chloroethoxy) methane	1	103	61	105
	ST106-GW-10612-02022	WATER		MS	Bis (2-chloroethyl) ether	1	92.3	62	110
	ST106-GW-10612-02022	WATER		MS	Bis (2-ethylhexyl) phthalate	1	106	63	125
	ST106-GW-10612-02022	WATER		MS	Butyl benzylphthalate	1	110	64	115
	ST106-GW-10612-02022	WATER		MS	Chrysene	1	81.4	60	110
	ST106-GW-10612-02022	WATER		MS	Dibenzo (a,h) anthracene	1	95.7	41	125
	ST106-GW-10612-02022	WATER		MS	Dibenzofuran	1	76.6	64	105
	ST106-GW-10612-02022	WATER		MS	Diethyl phthalate	1	96.8	64	120
	ST106-GW-10612-02022	WATER		MS	Dimethyl phthalate	1	104	62	125
	ST106-GW-10612-02022	WATER		MS	Di-n-butylphthalate	1	108	65	115
	ST106-GW-10612-02022	WATER		MS	Di-n-octylphthalate	1	104	57	135
	ST106-GW-10612-02022	WATER		MS	Fluoranthene	1	81.4	64	115
	ST106-GW-10612-02022	WATER		MS	Fluorene	1	79.8	62	110
	ST106-GW-10612-02022	WATER		MS	Fluorene	1	79.8	62	110
	ST106-GW-10612-02022	WATER		MS	Hexachlorobenzene	1	108	68	110
	ST106-GW-10612-02022	WATER		MS	Hexachlorobutadiene	1	101	42	105
	ST106-GW-10612-02022	WATER		MS	Hexachlorocyclopentadiene	1	83.5	27	139
	ST106-GW-10612-02022	WATER		MS	Hexachloroethane	1	79.5	32	95
	ST106-GW-10612-02022	WATER		MS	Indeno (1,2,3-c,d) pyrene	1	97.9	45	125
	ST106-GW-10612-02022	WATER		MS	Indeno (1,2,3-c,d) pyrene	1	97.9	45	125
	ST106-GW-10612-02022	WATER		MS	Naphthalene	1	80.1	50	100
	ST106-GW-10612-02022	WATER		MS	Naphthalene	1	80.1	50	100
	ST106-GW-10612-02022	WATER		MS	Nitrobenzene	1	94.4	61	110
	ST106-GW-10612-02022	WATER		MS	Nitrobenzene-d5	1	89.9	35	114
	ST106-GW-10612-02022	WATER		MS	n-Nitrosodi-n-propylamine	1	95.7	57	120
	ST106-GW-10612-02022	WATER		**MS**	**n-Nitrosodiphenylamine**	1	**129**	**71**	**110**
	ST106-GW-10612-02022	WATER		MS	Pentachlorophenol	1	114	41	115
	ST106-GW-10612-02022	WATER		MS	Phenanthrene	1	87.5	61	115
	ST106-GW-10612-02022	WATER		MS	Phenanthrene	1	87.5	61	115
	ST106-GW-10612-02022	WATER		MS	Phenol	1	43.1	30	74
	ST106-GW-10612-02022	WATER		MS	Phenol	1	43.1	30	74
	ST106-GW-10612-02022	WATER		MS	Phenol-d5	1	35.1	10	94

TABLE 7
Matrix Spike Recovery
Sorted by Method and Sample ID

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C									
	ST106-GW-10612-02022	WATER	2511696	MS	Pyrene	1	84.6	62	130
	ST106-GW-10612-02022	WATER		MS	Pyrene	1	84.6	62	130
	ST106-GW-10612-02022	WATER		MS	Terphenyl-d14	1	93.1	33	141
	ST106-GW-10612-02022	WATER		MS	Terphenyl-d14	1	93.1	33	141
	ST106-GW-10612-02022	WATER		SD	1,2-Dichlorobenzene	1	88.3	40	100
	ST106-GW-10612-02022	WATER		SD	1,3-Dinitrobenzene	1	105	45	135
	ST106-GW-10612-02022	WATER		SD	2,4,5-Trichlorophenol	1	89.4	50	110
	ST106-GW-10612-02022	WATER		SD	2,4,6-Tribromophenol	1	114	10	122
	ST106-GW-10612-02022	WATER		SD	2,4,6-Trichlorophenol	1	88.9	53	115
	ST106-GW-10612-02022	WATER		SD	2,4-Dimethylphenol	1	92.3	47	110
	ST106-GW-10612-02022	WATER		SD	2,4-Dinitrophenol	1	104	56	140
	ST106-GW-10612-02022	WATER		SD	2,4-Dinitrophenol	1	104	56	140
	ST106-GW-10612-02022	WATER		SD	2,4-Dinitrotoluene	1	98.9	69	120
	ST106-GW-10612-02022	WATER		SD	2,6-Dinitrotoluene	1	100	69	115
	ST106-GW-10612-02022	WATER		SD	2-Chloronaphthalene	1	97.6	35	105
	ST106-GW-10612-02022	WATER		SD	2-Chlorophenol	1	78.2	51	105
	ST106-GW-10612-02022	WATER		SD	2-Fluorobiphenyl	1	100	43	116
	ST106-GW-10612-02022	WATER		SD	2-Fluorophenol	1	59.8	21	120
	ST106-GW-10612-02022	WATER		SD	2-Methylnaphthalene	1	75.1	57	105
	ST106-GW-10612-02022	WATER		SD	2-Methylphenol	1	70	47	110
	ST106-GW-10612-02022	WATER		SD	2-Nitroaniline	1	70.3	66	115
	ST106-GW-10612-02022	WATER		SD	2-Nitrophenol	1	93.4	48	115
	ST106-GW-10612-02022	WATER		SD	3,3'-Dichlorobenzidine	1	91	55	110
	ST106-GW-10612-02022	WATER		SD	3-Nitroaniline	1	72.1	61	125
	ST106-GW-10612-02022	WATER		SD	4,6-Dinitro-2-methylphenol	1	92.6	44	130
	ST106-GW-10612-02022	WATER		SD	4,6-Dinitro-2-methylphenol	1	92.6	44	130
	ST106-GW-10612-02022	WATER		SD	4-Bromophenyl phenyl ether	1	107	54	113
	ST106-GW-10612-02022	WATER		SD	4-Chloro-3-methylphenol	1	81.4	55	110
	ST106-GW-10612-02022	WATER		SD	4-Chloroaniline	1	66.8	52	110
	ST106-GW-10612-02022	WATER		SD	4-Chlorophenyl phenyl ether	1	97.1	60	110
	ST106-GW-10612-02022	WATER		**SD**	**4-Methylphenol**	1	**126**	**37**	**110**
	ST106-GW-10612-02022	WATER		SD	4-Nitroaniline	1	73.7	67	120
	ST106-GW-10612-02022	WATER		SD	4-Nitrophenol	1	41.4	27	80
	ST106-GW-10612-02022	WATER		SD	Acenaphthene	1	83.8	60	110
	ST106-GW-10612-02022	WATER		SD	Acenaphthene	1	83.8	60	110
	ST106-GW-10612-02022	WATER		SD	Acenaphthylene	1	84.4	58	105
	ST106-GW-10612-02022	WATER		SD	Anthracene	1	81.7	63	110
	ST106-GW-10612-02022	WATER		SD	Anthracene	1	81.7	63	110
	ST106-GW-10612-02022	WATER		SD	Benzidine	1	0	0	98
	ST106-GW-10612-02022	WATER		SD	Benzo (a) anthracene	1	79.3	63	110
	ST106-GW-10612-02022	WATER		SD	Benzo (a) anthracene	1	79.3	63	110
	ST106-GW-10612-02022	WATER		SD	Benzo (a) pyrene	1	79.3	60	110

TABLE 7

Matrix Spike Recovery

Sorted by Method and Sample ID

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C									
	ST106-GW-10612-02022	WATER	2511696	SD	Benzo (b) fluoranthene	1	85.9	60	120
	ST106-GW-10612-02022	WATER		SD	Benzo (g,h,i) perylene	1	91.2	40	125
	ST106-GW-10612-02022	WATER		SD	Benzo (g,h,i) perylene	1	91.2	40	125
	ST106-GW-10612-02022	WATER		SD	Benzo (k) fluoranthene	1	73.7	54	125
	ST106-GW-10612-02022	WATER		**SD**	**Benzoic acid**	1	**0**	**10**	**60**
	ST106-GW-10612-02022	WATER		**SD**	**Benzoic acid**	1	**0**	**10**	**60**
	ST106-GW-10612-02022	WATER		**SD**	**Bis (2-chloroethoxy) methane**	1	**108**	**61**	**105**
	ST106-GW-10612-02022	WATER		SD	Bis (2-chloroethyl) ether	1	88.6	62	110
	ST106-GW-10612-02022	WATER		SD	Bis (2-ethylhexyl) phthalate	1	101	63	125
	ST106-GW-10612-02022	WATER		SD	Butyl benzylphthalate	1	104	64	115
	ST106-GW-10612-02022	WATER		SD	Chrysene	1	78.5	60	110
	ST106-GW-10612-02022	WATER		SD	Dibenzo (a,h) anthracene	1	92.6	41	125
	ST106-GW-10612-02022	WATER		SD	Dibenzofuran	1	77.5	64	105
	ST106-GW-10612-02022	WATER		SD	Diethyl phthalate	1	100	64	120
	ST106-GW-10612-02022	WATER		SD	Dimethyl phthalate	1	107	62	125
	ST106-GW-10612-02022	WATER		SD	Di-n-butylphthalate	1	107	65	115
	ST106-GW-10612-02022	WATER		SD	Di-n-octylphthalate	1	103	57	135
	ST106-GW-10612-02022	WATER		SD	Fluoranthene	1	79	64	115
	ST106-GW-10612-02022	WATER		SD	Fluorene	1	78.8	62	110
	ST106-GW-10612-02022	WATER		SD	Fluorene	1	78.8	62	110
	ST106-GW-10612-02022	WATER		SD	Hexachlorobenzene	1	106	68	110
	ST106-GW-10612-02022	WATER		SD	Hexachlorobutadiene	1	99.5	42	105
	ST106-GW-10612-02022	WATER		SD	Hexachlorocyclopentadiene	1	83.8	27	139
	ST106-GW-10612-02022	WATER		SD	Hexachloroethane	1	74.8	32	95
	ST106-GW-10612-02022	WATER		SD	Indeno (1,2,3-c,d) pyrene	1	95.8	45	125
	ST106-GW-10612-02022	WATER		SD	Indeno (1,2,3-c,d) pyrene	1	95.8	45	125
	ST106-GW-10612-02022	WATER		SD	Naphthalene	1	80.4	50	100
	ST106-GW-10612-02022	WATER		SD	Naphthalene	1	80.4	50	100
	ST106-GW-10612-02022	WATER		SD	Nitrobenzene	1	98.1	61	110
	ST106-GW-10612-02022	WATER		SD	Nitrobenzene-d5	1	94.2	35	114
	ST106-GW-10612-02022	WATER		SD	n-Nitrosodi-n-propylamine	1	88.9	57	120
	ST106-GW-10612-02022	WATER		**SD**	**n-Nitrosodiphenylamine**	1	**126**	**71**	**110**
	ST106-GW-10612-02022	WATER		SD	Pentachlorophenol	1	105	41	115
	ST106-GW-10612-02022	WATER		SD	Phenanthrene	1	83.8	61	115
	ST106-GW-10612-02022	WATER		SD	Phenanthrene	1	83.8	61	115
	ST106-GW-10612-02022	WATER		SD	Phenol	1	40.1	30	74
	ST106-GW-10612-02022	WATER		SD	Phenol	1	40.1	30	74
	ST106-GW-10612-02022	WATER		SD	Phenol-d5	1	33.6	10	94
	ST106-GW-10612-02022	WATER		SD	Pyrene	1	77.7	62	130
	ST106-GW-10612-02022	WATER		SD	Pyrene	1	77.7	62	130
	ST106-GW-10612-02022	WATER		SD	Terphenyl-d14	1	95.3	33	141
	ST106-GW-10612-02022	WATER		SD	Terphenyl-d14	1	95.3	33	141

TABLE 7

Matrix Spike Recovery

Sorted by Method and Sample ID

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8310									
	ST106-GW-10612-02022	WATER	2511696	MS	1-Methylnaphthalene	1	85.6	68	114
	ST106-GW-10612-02022	WATER		MS	2-Methylnaphthalene	1	97	62	108
	ST106-GW-10612-02022	WATER		MS	Acenaphthene	1	90	66	110
	ST106-GW-10612-02022	WATER		MS	Acenaphthylene	1	87	62	110
	ST106-GW-10612-02022	WATER		MS	Anthracene	1	97	76	112
	ST106-GW-10612-02022	WATER		MS	Benz(a)anthracene	1	88	69	110
	ST106-GW-10612-02022	WATER		MS	Benzo(a)pyrene	1	103	69	116
	ST106-GW-10612-02022	WATER		MS	Benzo(b)fluoranthene	1	85	71	109
	ST106-GW-10612-02022	WATER		MS	Benzo(g,h,i)perylene	1	96	60	105
	ST106-GW-10612-02022	WATER		MS	Benzo(k)fluoranthene	1	91	69	107
	ST106-GW-10612-02022	WATER		MS	Chrysene	1	92	71	111
	ST106-GW-10612-02022	WATER		MS	Dibenz(a,h)anthracene	1	88	62	109
	ST106-GW-10612-02022	WATER		MS	Fluoranthene	1	92	69	111
	ST106-GW-10612-02022	WATER		MS	Fluorene	1	89	66	105
	ST106-GW-10612-02022	WATER		MS	Indeno(1,2,3-cd)pyrene	1	93	52	121
	ST106-GW-10612-02022	WATER		MS	Naphthalene	1	88.2	65	113
	ST106-GW-10612-02022	WATER		MS	Phenanthrene	1	90	67	112
	ST106-GW-10612-02022	WATER		MS	Pyrene	1	96	69	110
	ST106-GW-10612-02022	WATER		MS	Terphenyl-d14	1	88	39	107
	ST106-GW-10612-02022	WATER		SD	1-Methylnaphthalene	1	85.6	68	114
	ST106-GW-10612-02022	WATER		SD	2-Methylnaphthalene	1	98	62	108
	ST106-GW-10612-02022	WATER		SD	Acenaphthene	1	90	66	110
	ST106-GW-10612-02022	WATER		SD	Acenaphthylene	1	88	62	110
	ST106-GW-10612-02022	WATER		SD	Anthracene	1	99	76	112
	ST106-GW-10612-02022	WATER		SD	Benz(a)anthracene	1	91	69	110
	ST106-GW-10612-02022	WATER		SD	Benzo(a)pyrene	1	110	69	116
	ST106-GW-10612-02022	WATER		SD	Benzo(b)fluoranthene	1	88	71	109
	ST106-GW-10612-02022	WATER		SD	Benzo(g,h,i)perylene	1	99	60	105
	ST106-GW-10612-02022	WATER		SD	Benzo(k)fluoranthene	1	94	69	107
	ST106-GW-10612-02022	WATER		SD	Chrysene	1	95	71	111
	ST106-GW-10612-02022	WATER		SD	Dibenz(a,h)anthracene	1	90	62	109
	ST106-GW-10612-02022	WATER		SD	Fluoranthene	1	95	69	111
	ST106-GW-10612-02022	WATER		SD	Fluorene	1	90	66	105
	ST106-GW-10612-02022	WATER		SD	Indeno(1,2,3-cd)pyrene	1	96	52	121
	ST106-GW-10612-02022	WATER		SD	Naphthalene	1	89.2	65	113
	ST106-GW-10612-02022	WATER		SD	Phenanthrene	1	92	67	112
	ST106-GW-10612-02022	WATER		SD	Pyrene	1	98	69	110
	ST106-GW-10612-02022	WATER		SD	Terphenyl-d14	1	88	39	107

Bold formatting indicates recoveries below the lower control limit or above the upper control limit.

QA/QC Type

MS = Matrix Spike
SD = Matrix Spike Duplicate

THIS PAGE INTENTIONALLY LEFT BLANK

APPENDIX C

Well Completion Report and Documentation

CONTENTS

Section **Page**

1.0 INTRODUCTION 1
1.1 Background 1
2.0 WELL INSTALLATION ACTIVITIES 5
2.1 Borehole Drilling and Installation of Monitoring Wells 5
2.2 Subsurface Soil Sampling 6
2.3 Groundwater Sampling 15
2.4 Location Surveying 16
2.5 Investigation Derived Waste 19
2.5.1 Soil Drill Cuttings 19
2.5.2 Well Development Water 20
2.5.3 Decontamination Water 20
3.0 SUMMARY AND CONCLUSIONS 21
REFERENCES 23

ATTACHMENTS

1 Well Installation Field Data
2 Office Of The State Engineer Documentation 1
3 Soil Data Quality Evaluation Report 1
4 Survey Data 1
5 Disposal Requests 1

FIGURES

Figure **Page**

1 Location of Groundwater Monitoring Wells 3

TABLES

Tables **Page**

1 Soil Analytical Results for Borehole KAFB-10611, Bulk Fuels Facility 9
2 Soil Analytical Results for Borehole KAFB-10612, Bulk Fuels Facility 9
3 Soil Analytical Results for Borehole KAFB-10613, Bulk Fuels Facility 10
4 Soil Analytical Results for Borehole KAFB-10614, Bulk Fuels Facility 10
5 Soil Analytical Results for Borehole KAFB-10615, Bulk Fuels Facility 11
6 Soil Analytical Results for Borehole KAFB-10616, Bulk Fuels Facility 11
7 Soil Analytical Results for Borehole KAFB-10617, Bulk Fuels Facility 11
8 Soil Analytical Results for Borehole KAFB-10618, Bulk Fuels Facility 12
9 Soil Analytical Results for Borehole KAFB-10619, Bulk Fuels Facility 12
10 Soil Analytical Results for Borehole KAFB-10620, Bulk Fuels Facility 13
11 Total Well Depths, Depth to Water and Depth to Product 15
12 Analytical Results for Post-Development Groundwater Samples 17
13 Survey Data for Monitoring Wells 19

ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
ARCH	air rotary casing hammer
bgs	below ground surface
C&D	Construction and Demolition
DRO	diesel range organics
EDB	1,2-dibromoethane
EPA	United States Environmental Protection Agency
ft	foot/feet
GRO	gasoline range organics
I.D.	inside diameter
IDW	investigation-derived waste
µg/kg	microgram per kilogram
µg/L	microgram per liter
MCL	maximum contaminant level
MDL	method detection limit
mg/kg	milligram per kilogram
mg/L	milligram per liter
msl	mean sea level
NMED	New Mexico Environment Department
NMWQCC-HHS	New Mexico Water Quality Control Commission – Human Health Standards
O.D.	outside diameter
OSE	Office of the State Engineer
PAH	polynuclear aromatic hydrocarbon
PID	photoionization detector
ppm	parts per million
PSH	phase separated hydrocarbon
PVC	polyvinyl chloride
RSSL	Residential Soil Screening Level
SVOC	semivolatile organic compound
TCLP	Toxicity Characteristic Leaching Procedure
TPH	total petroleum hydrocarbons

ACRONYMS AND ABBREVIATIONS (Concluded)

USAF	United States Air Force
VOC	volatile organic compound

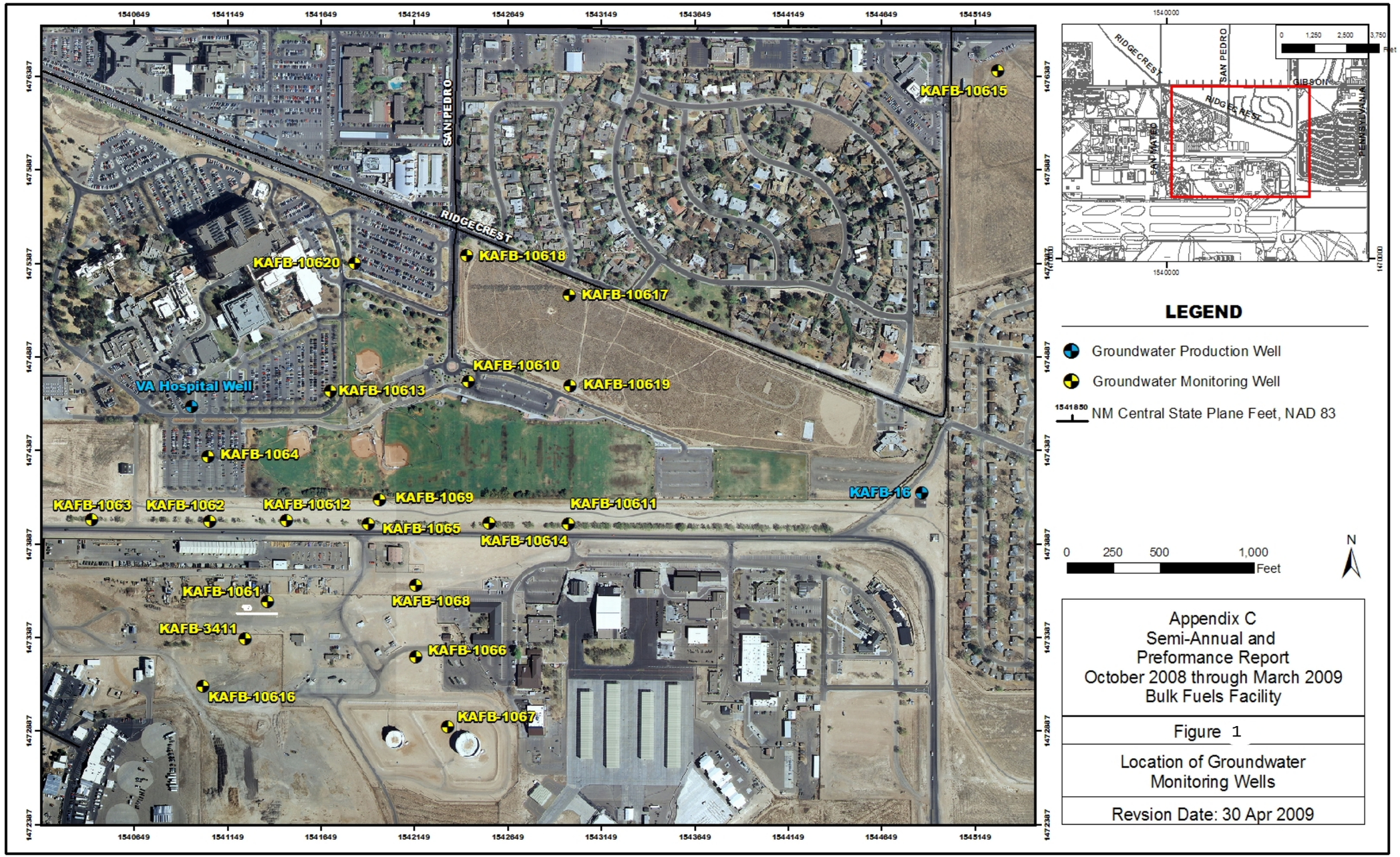
1.0 INTRODUCTION

CH2M HILL completed the installation of ten groundwater monitoring wells, KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10614, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620 in the vicinity of the Bulk Fuels Facility over the period from September to December 2008. The purpose for installing these monitoring wells was to further delineate the lateral extent of phase-separated hydrocarbon (PSH) north, east, south, and west of the former fuel offloading rack area and provide additional data for monitoring possible groundwater impacts from the Bulk Fuels Facility. The work was completed as described in the *Stage 2 Abatement Plan Modification Addendum, Bulk Fuels Facility* (United States Air Force [USAF], 2008). This document is an addendum to a 2007 modification to the original *Stage 2 Abatement Plan for the Bulk Fuels Facility (ST-106)* (USAF, 2002).

1.1 Background

Fuel-related contaminants have been detected in soil, soil vapor, and groundwater near the former fuel offloading rack at the Bulk Fuels Facility, on the east side of the Bulk Fuels Facility, and to the north of the facility, including offbase areas north of the Kirtland AFB boundary. Additional monitoring well locations were needed to further delineate both the PSH plume that had been identified on the groundwater and dissolved phase impacts to groundwater. Monitoring wells were mainly installed down and cross gradient of the previously identified PSH location to delineate the extent of PSH. One exception to that was KAFB-10616 which was installed up gradient from the Former Fuel Offloading Rack area to evaluate the potential for an upgradient source. Well locations are shown on figure (Figure 1).

THIS PAGE INTENTIONALLY LEFT BLANK.


KAFB-10615
KAFB-10620
KAFB-10618
KAFB-10617
KAFB-10610
KAFB-10619
VA Hospital Well
KAFB-10613
KAFB-1064
KAFB-1063
KAFB-1062
KAFB-10612
KAFB-1069
KAFB-10611
KAFB-16
KAFB-1065
KAFB-10614
KAFB-1061
KAFB-1068
KAFB-3411
KAFB-1066
KAFB-10616
KAFB-1067
SAN PEDRO
RIDGECREST
GIBSON
SAN MATEO
PENNSYLVANIA
LEGEND
Groundwater Production Well
Groundwater Monitoring Well
NM Central State Plane Feet, NAD 83
0 250 500 1,000
Feet
N
Appendix C
Semi-Annual and
Preformance Report
October 2008 through March 2009
Bulk Fuels Facility
Figure 1
Location of Groundwater
Monitoring Wells
Revsion Date: 30 Apr 2009

THIS PAGE INTENTIONALLY LEFT BLANK.

2.0 WELL INSTALLATION ACTIVITIES

The following field activities were conducted as part of the installation of groundwater monitoring wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10614, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620:

- Borehole drilling and logging for ten boreholes;
- Collecting discrete subsurface soil samples during drilling;
- Installing ten groundwater monitoring wells in the regional aquifer;
- Developing eight groundwater monitoring wells, KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10619, and KAFB-10620;
- Collecting and analyzing groundwater samples following well development at KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, and KAFB-10620;
- Surveying the horizontal locations and vertical elevations of the installed monitoring wells, tied to New Mexico State Plane Coordinates;
- Sampling investigation derived waste (IDW), including soil drill cuttings and development water;
- Disposing of soil drilling cuttings at the Kirtland Air Force Base (AFB) Construction and Demolition (C&D) landfill; and
- Review of well development water sample results for discharge and disposal.

2.1 Borehole Drilling and Installation of Monitoring Wells

Drilling activities began on September 3, 2008 and drilling and well construction activities were completed by December 23, 2008. All of the monitoring wells were installed using the air-rotary casing hammer (ARCH) drilling method. Each borehole was drilled by advancing an 11-3/4-inch outside diameter (O.D.) temporary steel casing to a depth of 280 or 300 feet (ft) below ground surface (bgs). A 9-5/8-inch O.D. temporary steel casing was then telescoped inside of the 11-3/4-inch O.D. casing and advanced from 280 or 300 ft bgs to the total depth of the boreholes. The location of each monitoring well is shown on Figure 1.

Subsurface soil characteristics were determined from the drill cuttings and discrete soil samples logged at 10-ft intervals or at noticeable changes in lithology. Discrete subsurface soil samples were collected at approximately 60-ft intervals from 60 ft bgs to 480 ft bgs, the deepest sample interval above the water table. All boreholes were located outside the boundaries of the Kirtland AFB Bulk Fuels Facility. Therefore, there were no known shallow subsurface sources of contamination that were expected to have influenced a significant portion of the vadose zone at the locations.

Drill cuttings and soil samples were field-screened with a photoionization detector (PID) to assess possible volatile organic carbon (VOC) contaminated soil. Any PID readings greater than ambient background were recorded during drilling. Elevated PID readings were encountered at depths of 470 ft and 490 ft bgs in wells KAFB-10612, KAFB-10614, KAFB-10616, and KAFB-10618. The greatest PID reading of 10.7 parts per million (ppm) was measured within the headspace of the KAFB-10612 borehole when the borehole was advanced to the 480 ft bgs depth. The highest PID measurement for a soil sample was 4.0 ppm at 440 ft bgs from borehole KAFB-10612.

The regional water table was encountered at approximately 490 ft bgs during drilling for all the wells except KAFB-10616, KAFB-10618 and KAFB-10619. KAFB-10616 and KAFB-10618 water table was

encountered at approximately 480 ft bgs, and at KAFB-10619 water table was at approximately 500 ft bgs. The variability in the depths to groundwater at these locations is a reflection of topographic elevation differences in these areas. The boreholes for each well were drilled to the following depths: 516 ft for KAFB-10611, 511 ft for KAFB-10612, 517 ft for KAFB-10613, 516 ft for KAFB-10614, 515 ft for KAFB-10615, 505 ft for KAFB-10616, 512 ft for KAFB-10617, 506 ft for KAFB-10618, 523 ft for KAFB-10619, and 512 ft for KAFB-10620 to accommodate the construction of the monitoring wells. Subsurface soil characteristics were logged by the onsite geologist; the borehole geologic logs are provided in Attachment 1.

Each of the new monitoring wells were installed as a single-cased, nominal, 4-inch inside diameter (I.D.) schedule 80 polyvinyl chloride (PVC) monitoring well with 25 ft of 0.010-inch factory-slotted stainless steel screen with a 2-ft sump. A silica sand pack (10/20 Colorado silica sand) was installed around the screened interval to at least 2 ft above the top of the screen. Transition sand (20/40 Colorado silica sand) was installed to at least 2 ft above the top of the sand pack. At least 50 ft of hydrated bentonite chips were placed in the annular space above the transition sand. Bentonite slurry was placed into the annular space above the bentonite chips to approximately 30 ft bgs. Portland cement was installed into the annular space from 30 ft bgs to the ground surface.

A 4-ft by 4-ft concrete pad, a 3-ft-high by 8-inch-diameter protective steel casing, and four protective bollards were installed as the surface completion for monitoring wells except KAFB-10620, which was constructed with a 4-ft by 4-ft concrete pad and 12-inch diameter steel well vault were installed as the flush mounted surface completion. A monitoring well construction diagram for each monitoring well is provided in Attachment 1.

Monitoring wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10619, and KAFB-10620 were developed by mechanical bailing, swabbing, and over-pumping until the fine grained sediment were removed from the well and water quality parameters had stabilized. Monitoring wells KAFB-10614 and KAFB-10618 were not developed due to the presence of PSH I the wells. A well development log for monitoring wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10619, and KAFB-10620 is provided in Attachment 1.

The groundwater monitoring wells were installed in compliance with applicable regulations of the NMED and the New Mexico Office of the State Engineer (OSE, 2005). An Application for Permit to Drill a Monitoring Well was submitted to and approved by the OSE. A copy of the Application for Permit and the OSE final paperwork issued after well installation for monitoring wells KAFB-10611 through KAFB-1616 are included as Attachment 2. The applications for wells KAFB-10617 through KAFB-10620 are also included in Attachment 2, although the completed OSE paperwork issued following installation of the well has not been received by Kirtland AFB. Kirtland AFB will continue to work with the OSE to obtain the administrative paperwork and include that in a future report.

2.2 Subsurface Soil Sampling

Discrete subsurface soil samples were collected by split spoon sampler at approximately 60-ft intervals from 60 ft bgs to 480 ft bgs, Soil samples were not collected below the water table, which was encountered at depths between 480 and 500 ft bgs in all wells. Soil samples were sent to PEL, Spectrum Analytical, Inc. in Tampa, Florida. All soil samples were analyzed for VOCs by EPA Method SW846-8260B (U.S. Environmental Protection Agency [EPA], 1996) and total petroleum hydrocarbons (TPH) by EPA Method SW846-8015B (EPA, 1996).

In the soil samples collected from borehole KAFB-10611, all detected VOC concentrations were below their respective New Mexico Environment Department (NMED) residential Soil Screening Levels (SSLs) (NMED, 2006a). DRO was detected in six of the eight subsurface soil samples, with concentrations ranging from 17.4 mg/kg at 60 ft bgs to 2.2 J mg/kg at 180 ft bgs. GRO was detected in two soil samples with concentrations of 0.24 mg/kg at 120 ft bgs, and 0.1 J mg/kg at 120 ft bgs. All detected analytical results are presented in Table 1.

In the soil samples collected from borehole KAFB-10612, all detected VOC concentrations were below their respective NMED residential SSLs (NMED, 2006a). DRO was detected in five of the nine subsurface soil samples with detected concentrations ranging from 13 J mg/kg at 240 ft bgs to 2.1 J mg/kg at 180 ft bgs. GRO was detected in one soil sample at 120 ft bgs with a concentration of 0.11 J mg/kg. The soil sample collected from 480 ft bgs had detected concentrations of acetone, ethylbenzene, xylenes (m- and p-, and total), 2-butanone (MEK), methyl tert-butyl ether (MTBE) and toluene, although none of the concentrations were above the compound specific screening levels. The 480-ft bgs sample contained the greatest number of detected analytes of all samples collected from borehole KAFB-10612. This sample was collected just above the water table and the groundwater samples from this location indicate there are dissolved phase fuel constituent impacts in the groundwater. Therefore, the detections in the soil may be due to influences from residual groundwater trapped in the water table interface zone as a result of water table fluctuations over time. All detected analytical results are presented in Table 2.

In the soil samples collected from borehole KAFB-10613, all detected VOC concentrations were below their respective NMED SSLs (NMED, 2006a). A concentration of DRO was detected in one subsurface soil samples at 360 ft bgs at a concentration of 28 mg/kg. All detected analytical results are presented in Table 3.

In the soil samples collected from borehole KAFB-10614, all detected VOC concentrations were below their respective NMED residential SSLs (NMED, 2006a). Concentrations of DRO were detected in two of the eight subsurface soil samples with detected concentrations of 24 mg/kg at 240 ft bgs, and 20.1 mg/kg at 480 ft bgs. GRO was detected in two of the soil samples, at concentrations of 0.046 J mg/kg at 120 ft bgs, and 0.034 J mg/kg at 480 ft bgs. The soil sample collected from 480 ft bgs had detected concentrations of DRO, GRO, 1,2,4-trimethylbenzene, benzene, chloroform, ethylbenzene, xylenes (m- and p-, o-, and total), and toluene. Although none of the concentrations were above the applicable screening levels, this interval contained the greatest number of detected analytes of the samples collected from KAFB-10614. This sample was collected just above the water table and PSH was detected on the water table surface at this location. These detections at the 480-ft bgs interval are likely a result of a smear zone of PSH near the water table interface. All detected analytical results are presented in Table 4.

In the samples collected from borehole KAFB-10615, all detected VOC concentrations were below their respective NMED residential SSLs (NMED, 2006a). DRO was detected in two of the nine subsurface soil samples at concentrations 50.3 mg/kg at 240 ft bgs, and 20.9 mg/kg at 60 ft bgs. All detected analytical results are presented in Table 5.

In the samples collected from borehole KAFB-10616, all detected VOC concentrations were below their respective NMED residential SSLs (NMED, 2006a). Concentrations of DRO and GRO were not detected in any of the eight samples collected from borehole KAFB-10616. All detected analytical results are presented in Table 6.

In the soil samples collected from borehole KAFB-10617, all detected VOC concentrations were below

their respective NMED residential SSLs (NMED, 2006a). DRO was detected in four of the nine subsurface soil samples with detected concentrations ranging from 6.4 J mg/kg at 200 ft bgs to 3.9 J mg/kg at 420 ft bgs. All detected analytical results are presented in Table 7.

In the soil samples collected from borehole KAFB-10618 all detected VOC concentrations were below their respective NMED residential SSLs (NMED, 2006a). DRO was detected in all nine subsurface soil samples with concentrations ranging from 37.9 mg/kg at 420 ft bgs to 4.2 J mg/kg at 240 ft bgs. The soil sample collected from 480 ft bgs had detected concentrations of DRO, 1,2,4-trimethylbenzene, 1,2-dibromoethane (EDB), 1,3,5-trimethylbenzene, 2-hexanone, acetone, benzene, chloroform, ethylbenzene, isopropylbenzene, xylenes (m- and p-, o-, and total), n-propylbenzene, and naphthalene. Although none of the concentrations were above applicable screening levels but of the samples collected from KAFB-10618 this sample contained the greatest number of detected analytes. This sample was collected just above the water table and PSH was identified in this well. The soil detections are likely a result of a smear zone as the water table fluctuates during the year. All detected analytical results are presented in Table 8.

In the soil samples collected from borehole KAFB-10619, all detected VOC concentrations were below their respective NMED residential SSLs (NMED, 2006a). DRO was detected in six of the nine subsurface soil samples with detected concentrations ranging from 155 J mg/kg at 300 ft bgs to 3.7 J mg/kg at 180 ft bgs. All detected analytical results are presented in Table 9.

In the soil samples collected from borehole KAFB-10620, all detected VOC concentrations were below their respective NMED SSLs (NMED, 2006a). DRO was detected in seven of the nine subsurface soil samples with detected concentrations ranging from 22.4 J mg/kg at 240 ft bgs to 5.6 J mg/kg at 420 ft bgs. DRO and GRO were not analyzed for the 480 ft bgs sample. All detected analytical results are presented in Table 10.

Complete analytical results for all subsurface soil samples are presented in the data quality evaluation report included as Attachment 3.

Table 1. Soil Analytical Results for Borehole KAFB-10611, Bulk Fuels Facility

Chemical Class (units) /Method	Analyte	NMED Residential Soil Screening Levels [a]	Borehole Number, Sample depth (feet below ground surface), and collection date							
			KABF-10611							
			60 - 62	120 - 122	120 - 122	180 - 182	300 - 302	360 - 362	420 - 422	480 - 482
			9/3/2008	9/4/2008	9/4/2008	9/5/2008	9/7/2008	9/7/2008	9/9/2008	9/9/2008
TPH (mg/kg)/ SW-8015B	DRO	520 [b]	**17.4 J**	4.5 U	4.5 U	**2.2 J**	**9.1 J**	**9 J**	**5.7 J**	**4.7 J**
	GRO	N/A [b]	1.4 U	**0.1 J**	**0.24 J**	1.3 U	2.3 U	2 U	1.6 U	**0.032 J**
VOCs (ug/kg)/ SE-8260	1,2,4-Trimethylbenzene	58,000	**0.65 J**	4.1 U	4.6 U	4.8 U	4.5 U	5.2 U	4.3 U	4.3 U
	Acetone	28,100,000	23.4 U	16.6 U	18.4 U	**20.4**	20.3 U	20.7 U	17.1 U	17.3 U
	Chloroform	4,000	**2.4 J**	**1.4 J**	**1.1 J**	**1 J**	9 U	**0.93 J**	**1.3 J**	**0.99 J**
	2-Butanone (MEK)	31,800,000	23.4 U	**1.1 J**	**1.6 J**	**1.1 J**	18.1 U	20.7 U	17.1 U	17.3 U
	n-Butylbenzene	62,100	**0.51 J**	4.1 U	4.6 U	4.8 U	4.5 U	5.2 U	4.3 U	4.3 U
	Naphthalene	79,500	**8.9**	4.1 U	4.6 U	4.8 U	4.5 U	5.2 U	4.3 U	4.3 U
	Toluene	252,000	**1.2 J**	4.1 U	4.6 U	4.8 U	4.5 U	**2.8 J**	4.3 U	4.3 U

Table 2. Soil Analytical Results for Borehole KAFB-10612, Bulk Fuels Facility

Chemical Class (units) /Method	Analyte	NMED Residential Soil Screening Levels [a]	Borehole Number, Sample depth (feet below ground surface), and collection date								
			KABF-10612								
			60 - 62	60 - 62	120 - 122	180 - 182	240 - 242	300 - 302	360 - 362	420 - 422	480 - 482
			9/3/2008	9/3/2008	9/4/2008	9/5/2008	9/6/2008	9/9/2008	9/10/2008	9/10/2008	9/10/2008
TPH (mg/kg)/ SW-8015B	DRO	520 [b]	**3.2 J**	**3.4 J**	4.5 U	**2.1 J**	**13 J**	**3.8 J**	12.5 U	7 U	5.4 U
	GRO	N/A [b]	1.6 U	1.8 U	**0.11 J**	1.4 U	2.3 U	1.6 U	1.8 U	1.5 U	1.6 U
VOCs (ug/kg)/ SE-8260	1,2,4-Trimethylbenzene	58,000	4.3 U	**0.62 J**	4.8 U	5 U	6.1 U	5.5 U	6 U	4.9 U	6.4 U
	Acetone	28,100,000	17.4 U	19.6 U	19 U	**25.4**	**51.9**	22 U	**9.1 J**	19.7 U	**33.8**
	Carbon Disulfide	460,000	4.3 U	3.7 U	4.8 U	**0.49 J**	6.1 U	5.5 U	6 U	4.9 U	6.4 U
	Chloroform	4,000	**1.5 J**	7.4 U	**1.1 J**	**0.82 J**	**1.2 J**	**1.2 J**	**1.1 J**	**1 J**	12.8 U
	Ethylbenzene	128,000	4.3 U	3.7 U	4.8 U	5 U	6.1 U	5.5 U	6 U	4.9 U	**0.81 J**
	Xylene, m-, p-	N/A	3.5 U	3 U	3.8 U	4 U	4.9 U	4.4 U	4.8 U	3.9 U	**1.6 J**
	2-Butanone (MEK)	31,800,000	17.4 U	14.9 U	19 U	19.9 U	**7.9 J**	22 U	23.8 U	19.7 U	25.6 U
	Methyl tert-butyl ether (MTBE)	388,000	17.4 U	14.9 U	19 U	19.9 U	24.4 U	22 U	23.8 U	19.7 U	**0.73 J**
	Toluene	252,000	4.3 U	**0.76 J**	4.8 U	5 U	6.1 U	5.5 U	**3.9 J**	**1.5 J**	**15.7**
	Xylenes, Total	82,000	5.2 U	4.5 U	5.7 U	6 U	7.3 U	6.6 U	7.2 U	5.9 U	**1.6 J**

Notes:
[a] NMED, 2006
[b] NMED TPH Screening Guidelines for Diesel Fraction, October, 2006.

NMED= New Mexico Environment Department
ug/kg= microgram per kilogram (ppb)
U= Analyte analyzed, not detected
J= Estimated concentration
Shading indicates detected concentration

TPH= total petroleum hydrocarbon
mg/kg= milligram per kilogram (ppm)
UJJ= Analyte not detected; Quantification limit may be higher
NA= Not applicable

GRO= gasoline range organics
DRO= diesel range organics
VOCs= volatile organic compounds

Table 3. Soil Analytical Results for Borehole KAFB-10613, Bulk Fuels Facility

Chemical Class (units) /Method	Analyte	NMED Residential Soil Screening Levels [a]	Borehole Number, Sample depth (feet below ground surface), and collection date							
			KABF-10613							
			60 - 62	120 - 122	180 - 182	180 - 182	300 - 302	360 - 362	420 - 422	480 - 482
			9/19/2008	9/19/2008	9/20/2008	9/20/2008	9/21/2008	9/22/2008	9/22/2008	9/22/2008
TPH (mg/kg)/ SW-8015B	DRO	520 [b]	8.1 U	7.9 U	5.5 U	8.7 U	10.3 U	**28**	5.3 U	8.3 U
	GRO	N/A [b]	1.9 U	2 U	1.5 U	2 U	1.6 U	1.8 U	1.4 U	2.1 U
VOCs (ug/kg)/ SE-8260	Chloroform	4,000	**0.55 J**	**1 J**	10.8 U	**1.3 J**	**1.4 J**	**0.58 J**	**1 J**	**0.73 J**
	2-Butanone (MEK)	31,800,000	17.1 U	19.1 U	**1.6 J**	20 U	23.3 U	18.6 U	19.1 U	21.2 U
	Vinyl chloride	2,250	**0.67 J**	**0.92 J**	5.4 U	5 U	5.8 U	4.7 U	4.8 U	5.3 U

Table 4. Soil Analytical Results for Borehole KAFB-10614, Bulk Fuels Facility

Chemical Class (units) /Method	Analyte	NMED Residential Soil Screening Levels [a]	Borehole Number, Sample depth (feet below ground surface), and collection date							
			KABF-10614							
			60 - 62	120 - 122	180 - 182	240 - 242	300 - 302	360 - 362	420 - 422	480 - 482
			9/24/2008	9/24/2008	9/24/2008	9/25/2008	9/25/2008	9/30/2008	9/30/2008	9/30/2008
TPH (mg/kg)/ SW-8015B	DRO	520 [b]	7.3 U	7.6 U	5.2 U	**24**	16.1 U	15.6 U	12.1 U	**20.1**
	GRO	N/A [b]	2 U	**0.046 J**	1.5 U	1.5 U	1.8 U	1.8 U	1.9 U	**0.034 J**
VOCs (ug/kg)/ SE-8260	1,2,4-Trimethylbenzene	58,000	4.9 U	5.3 U	7.9 U	4.5 U	5.6 U	5.3 U	4.9 U	**0.66 J**
	Acetone	28,100,000	19.6 U	21.2 U	31.5 U	**11.1 J**	**45.2 J**	21.6 U	19.8 U	32.1 U
	Benzene	10,300	4.9 U	5.3 U	7.9 U	4.5 U	5.6 U	**2.1 J**	4.9 U	**14.9**
	Chloroform	4,000	**1.1 J**	10.6 U	**1.4 J**	8.9 U	**1.2 J**	**0.73 J**	**1.5 J**	**2.6 J**
	Ethylbenzene	128,000	4.9 U	5.3 U	7.9 U	4.5 U	5.6 U	5.3 U	4.9 U	**1.7 J**
	Xylene, m-, p-	N/A	3.9 U	4.2 U	6.3 U	3.6 U	4.5 U	4.3 U	4 U	**4.4 J**
	Methyl tert-butyl ether (MTBE)	388,000	**0.56 J**	21.2 U	31.5 U	17.9 U	22.5 U	21.3 U	19.8 U	32.1 U
	Xylene, o-	99,500	2.4 U	2.6 U	3.9 U	2.2 U	2.8 U	2.7 U	2.5 U	**1.8 J**
	Toluene	252,000	4.9 U	5.3 U	7.9 U	4.5 U	5.6 U	**18.2**	**0.89 J**	**28.5**
	Xylenes, Total	82,000	5.9 U	6.4 U	9.4 U	5.4 U	6.8 U	6.4 U	5.9 U	**6.3 J**

Notes:
[a] NMED, 2006
[b] NMED TPH Screening Guidelines for Diesel Fraction, October, 2006.

NMED= New Mexico Environment Department
ug/kg= microgram per kilogram (ppb)
U= Analyte analyzed, not detected
J= Estimated concentration
Shading indicates detected concentration

TPH= total petroleum hydrocarbon
mg/kg= milligram per kilogram (ppm)
UJJ= Analyte not detected; Quantification limit may be higher
NA= Not applicable

GRO= gasoline range organics
DRO= diesel range organics
VOCs= volatile organic compounds

Table 5. Soil Analytical Results for Borehole KAFB-10615, Bulk Fuels Facility

Chemical Class (units) /Method	Analyte	NMED Residential Soil Screening Levels [a]	Borehole Number, Sample depth (feet below ground surface), and collection date								
			KABF-10615								
			60 - 62	120 - 122	180 - 182	240 - 242	300 - 302	360 - 362	360 - 362	420 - 422	480 - 482
			9/30/2008	10/2/2008	10/2/2008	10/3/2008	10/3/2008	10/3/2008	10/3/2008	10/6/2008	10/7/2008
TPH (mg/kg)/ SW-8015B	DRO	520 [b]	**20.9**	7.7 U	5.5 U	**50.3**	7.4 U	12.6 U	5.3 U	6 U	6 U
	GRO	N/A [b]	2.1 U	2.2 U	1.8 U	1.7 U	1.7 U	1.5 U	1.8 U	2 U	2.2 U
VOCs (ug/kg)/ SE-8260	Acetone	28,100,000	17.7 U	55.6 U	19.5 U	**6.6 J**	**122 J**	**198 J**	**15.2 J**	**93.2**	**14.6 J**
	Chloroform	4,000	**0.77 J**	27.8 U	**1.2 J**	**0.93 J**	12 U	**0.59 J**	**1.1 J**	**0.62 J**	**1.3 J**
	2-Butanone (MEK)	31,800,000	17.7 U	55.6 U	19.5 U	25.6 U	**5.2 J**	**8.4 J**	20.8 U	23.2 U	22.4 U

Table 6. Soil Analytical Results for Borehole KAFB-10616, Bulk Fuels Facility

Chemical Class (units) /Method	Analyte	NMED Residential Soil Screening Levels [a]	Borehole Number, Sample depth (feet below ground surface), and collection date							
			KABF-10616							
			60 - 62	120 - 122	180 - 182	240 - 242	360 - 362	360 - 362	420 - 422	480 - 482
			10/4/2008	10/5/2008	10/5/2008	10/6/2008	10/6/2008	10/6/2008	10/7/2008	10/8/2008
TPH (mg/kg)/ SW-8015B	DRO	520 [b]	8.5 U	6.2 U	5.2 U	8.6 U	5.3 U	5.3 U	9.1 U	5.2 U
	GRO	N/A [b]	1.9 U	2.4 U	2 U	1.8 U	1.9 U	1.4 U	2 U	1.8 U
VOCs (ug/kg)/ SE-8260	Acetone	28,100,000	**381 J**	**94.4**	54.7 U	**137**	**192**	**150**	41.4 U	**16.3 J**
	Chloroform	4,000	20.2 U	**1.1 J**	27.4 U	**5.3 J**	**3.7 J**	**4 J**	**1.6 J**	**1.9 J**
	2-Butanone (MEK)	31,800,000	**19.8 J**	29.8 U	54.7 U	**5.3 J**	44.1 U	**10.6 J**	41.4 U	46.9 U
	Methylene chloride	182,000	10.1 U	7.4 U	13.7 U	12.2 U	11 U	10.1 U	10.3 U	**9.3 J**
	Toluene	252,000	10.1 U	7.4 U	**2.6 J**	12.2 U	11 U	10.1 U	**2.1 J**	**2.7 J**

Table 7. Soil Analytical Results for Borehole KAFB-10617, Bulk Fuels Facility

Chemical Class (units) /Method	Analyte	NMED Residential Soil Screening Levels [a]	Borehole Number, Sample depth (feet below ground surface), and collection date								
			KABF-10617								
			60 - 62	120 - 122	120 - 122	200 - 202	240 - 242	300 - 302	360 - 362	420 - 422	480 - 482
			11/13/2008	11/13/2008	11/13/2008	11/14/2008	11/15/2008	11/15/2008	11/15/2008	11/16/2008	11/16/2008
TPH (mg/kg)/ SW-8015B	DRO	520 [b]	5.6 U	6.2 U	6.1 U	**6.4 J**	5.3 U	5.2 U	**4.3 J**	**3.9 J**	**4.4 J**
	GRO	N/A [b]	1.6 U	2.1 U	1.9 U	2.3 U	1.2 U	1.8 U	1.8 U	1.6 U	1.4 U
VOCs (ug/kg)/ SE-8260	1,2,4-Trimethylbenzene	58,000	**0.26 J**	3.4 U	3.1 U	3.5 U	3.8 U	3.7 U	3.9 U	3.5 U	3.9 U
	Acetone	28,100,000	**55**	13.7 U	12.4 U	13.9 U	**47.7**	**63.5**	**69.5**	**39.2 J**	15.6 U
	Chloroform	4,000	**0.72 J**	6.8 U	6.2 U	6.9 U	**1.2 J**	**1.1 J**	**1.3 J**	**1.7 J**	**0.72 J**
	2-Butanone (MEK)	31,800,000	**2 J**	13.7 U	12.4 U	13.9 U	15.3 U	**2.6 J**	15.5 U	**2.2 J**	15.6 U
	Toluene	252,000	3.4 U	3.4 U	3.1 U	3.5 U	3.8 U	3.7 U	**0.72 J**	3.5 U	3.9 U

Notes:
[a] NMED, 2006
[b] NMED TPH Screening Guidelines for Diesel Fraction, October, 2006.

NMED= New Mexico Environment Department
ug/kg= microgram per kilogram (ppb)

U= Analyte analyzed, not detected

J= Estimated concentration
Shading indicates detected concentration

TPH= total petroleum hydrocarbon
mg/kg= milligram per kilogram (ppm)
UJJ= Analyte not detected; Quantification limit may be higher
NA= Not applicable

GRO= gasoline range organics
DRO= diesel range organics

VOCs= volatile organic compounds

Table 8. Soil Analytical Results for Borehole KAFB-10618, Bulk Fuels Facility

Chemical Class (units) /Method	Analyte	NMED Residential Soil Screening Levels [a]	Borehole Number, Sample depth (feet below ground surface), and collection date								
			KABF-10618								
			60 - 62	120 - 122	180 - 182	240 - 242	300 - 302	300 - 302	360 - 362	420 - 422	480 - 482
			11/22/2008	11/23/2008	11/23/2008	11/23/2008	11/23/2008	11/23/2008	11/23/2008	11/24/2008	11/24/2008
TPH (mg/kg)/ SW-8015B	DRO	520 [b]	**6.3 J**	**6.2 J**	**7.8**	**4.2 J**	**4.5 J**	**7.2**	**5.5 J**	**37.9**	**5.3 J**
	GRO	N/A [b]	1.6 U	1.4 U	2.4 U	1.8 U	1.4 U	1.7 U	1.5 U	1.5 U	3.4 U
VOCs (ug/kg)/ SE-8260	1,2,4-Trimethylbenzene	58,000	4.6 U	4.9 U	3 U	3.6 U	26.5 U	27.9 U	5.7 U	5.5 U	**3.4 J**
	1,2-Dibromoethane (EDB)	504	1.8 U	2 U	1.2 U	1.4 U	10.6 U	11.1 U	2.3 U	2.2 U	**4.2**
	1,3,5-Trimethylbenzene	N/A	4.6 U	4.9 U	3 U	3.6 U	26.5 U	27.9 U	5.7 U	5.5 U	**1.4 J**
	2-Hexanone	N/A	18.4 U	9.8 U	12 U	14.2 U	106 U	111 U	22.8 U	22.1 U	**1.7 J**
	Acetone	28,100,000	**5.4 J**	9.8 U	12 U	14.2 U	**835 J**	**558 J**	**8 J**	**6.3 J**	**9.7 J**
	Benzene	10,300	4.6 U	4.9 U	3 U	3.6 U	26.5 U	27.9 U	5.7 U	5.5 U	**255 J**
	Chloroform	4,000	**0.77 J**	9.9 U	6 U	7.1 U	**8.3 J**	**14.8 J**	11.4 U	**0.59 J**	**0.68 J**
	Ethylbenzene	128,000	4.6 U	4.9 U	3 U	3.6 U	26.5 U	27.9 U	5.7 U	5.5 U	**23.3**
	Isopropylbenzene	271,000	4.6 U	4.9 U	3 U	3.6 U	26.5 U	27.9 U	5.7 U	5.5 U	**1.2 J**
	Xylene, m-, p-	N/A	3.7 U	4 U	2.4 U	2.8 U	21.2 U	22.3 U	4.6 U	4.4 U	**32.6**
	2-Butanone (MEK)	31,800,000	18.4 U	9.8 U	12 U	14.2 U	**31.9 J**	**25.8 J**	22.8 U	22.1 U	16 U
	n-Propylbenzene	62,100	4.6 U	4.9 U	3 U	3.6 U	26.5 U	27.9 U	5.7 U	5.5 U	**0.95 J**
	Naphthalene	79,500	4.6 U	4.9 U	3 U	3.6 U	26.5 U	27.9 U	5.7 U	5.5 U	**2.1 J**
	Xylene, o-	99,500	2.3 U	2.5 U	1.5 U	1.8 U	13.3 U	13.9 U	2.8 U	2.8 U	**3.7**
	Xylenes, Total	82,000	5.5 U	5.9 U	3.6 U	4.3 U	31.8 U	33.4 U	6.8 U	6.6 U	**36.2**

Table 9. Soil Analytical Results for Borehole KAFB-10619, Bulk Fuels Facility

Chemical Class (units) /Method	Analyte	NMED Residential Soil Screening Levels [a]	Borehole Number, Sample depth (feet below ground surface), and collection date								
			KABF-10619								
			60 - 62	120 - 122	120 - 122	180 - 182	240 - 242	300 - 302	360 - 362	420 - 422	480 - 482
			12/4/2008	12/4/2008	12/4/2008	12/5/2008	12/5/2008	12/6/2008	12/7/2008	12/8/2008	12/8/2008
TPH (mg/kg)/ SW-8015B	DRO	520 [b]	**6.6 J**	7.4 U	**4.4 J**	**3.7 J**	6.6 U	**155 J**	**14.7 J**	**6 J**	6.9 U
	GRO	N/A [b]	1.8 U	1.7 U	2.6 U	1.6 U	2 U	2.8 U	2 U	1.4 U	1.8 U
VOCs (ug/kg)/ SE-8260	Acetone	28,100,000	**87.4 J**	23.1 U	23.6 U	**40.1 J**	**1100 J**	**99.8 J**	**1090 J**	3650 U	**104 J**
	Chloroform	4,000	9.3 U	11.5 U	11.8 U	**1.6 J**	12.7 U	11.9 U	**0.98 J**	1820 U	**1.5 J**
	2-Butanone (MEK)	31,800,000	18.7 U	23.1 U	23.6 U	22.3 U	**13.2 J**	23.7 U	**5.1 J**	3650 U	**4.1 J**

Notes:
[a] NMED, 2006
[b] NMED TPH Screening Guidelines for Diesel Fraction, October, 2006.

NMED= New Mexico Environment Department
ug/kg= microgram per kilogram (ppb)
U= Analyte analyzed, not detected
J= Estimated concentration
Shading indicates detected concentration

TPH= total petroleum hydrocarbon
mg/kg= milligram per kilogram (ppm)
UJJ= Analyte not detected; Quantification limit may be higher
NA= Not applicable

GRO= gasoline range organics
DRO= diesel range organics
VOCs= volatile organic compounds

Table 10. Soil Analytical Results for Borehole KAFB-10620, Bulk Fuels Facility

Chemical Class (units) /Method	Analyte	NMED Residential Soil Screening Levels [a]	Borehole Number, Sample depth (feet below ground surface), and collection date								
			KABF-10620								
			60 - 62	120 - 122	180 - 182	240 - 242	300 - 302	360 - 362	420 - 422	420 - 422	480 - 482
			12/12/2008	12/17/2008	12/18/2008	12/18/2008	12/18/2008	12/19/2008	12/19/2008	12/19/2008	12/19/2008
TPH (mg/kg)/ SW-8015B	DRO	520 [b]	**10.1 J**	4.7 U	**10 J**	**22.4 J**	**18 J**	**11.4 J**	**7.7 J**	**5.6 J**	NS
	GRO	N/A [b]	2 U	2.5 U	2 U	1.8 U	1.8 U	2.1 U	1.9 U	2.8 U	NS
VOCs (ug/kg)/ SE-8260	1,2,4-Trimethylbenzene	58,000	**0.62 J**	5 U	6 U	6.7 U	6.3 U	6.1 U	6.2 U	7.5 U	6.7 U
	Acetone	28,100,000	**47.2**	19.8 U	24.1 U	26.8 U	25.3 U	**151**	24.9 U	**1340 J**	26.8 U
	Chloroform	4,000	**0.41 J**	9.9 U	12 U	13.4 U	12.6 U	**1.6 J**	12.4 U	14.9 U	13.4 U
	2-Butanone (MEK)	31,800,000	14.9 U	19.8 U	24.1 U	26.8 U	25.3 U	**4.8 J**	24.9 U	29.9 U	26.8 U
	Naphthalene	79,500	**3.8**	5 U	6 U	6.7 U	6.3 U	6.1 U	6.2 U	7.5 U	6.7 U

Notes:
[a] NMED, 2006
[b] NMED TPH Screening Guidelines for Diesel Fraction, October, 2006.

NMED= New Mexico Environment Department
ug/kg= microgram per kilogram (ppb)
U= Analyte analyzed, not detected
J= Estimated concentration
Shading indicates detected concentration

TPH= total petroleum hydrocarbon
mg/kg= milligram per kilogram (ppm)
UJJ= Analyte not detected; Quantification limit may be higher
NA= Not applicable

GRO= gasoline range organics
DRO= diesel range organics
VOCs= volatile organic compounds
NS= No sample collected

THIS PAGE INTENTIONALLY LEFT BLANK

2.3 Groundwater Sampling

Groundwater depth and PSH thickness, if present, were measured following the construction of each well. The depth to water and depth to product for each well are presented below in Table 11.

Table 11. Total Well Depths, Depth to Water and Depth to Product

Well Number	Total Depth (feet below ground surface)	Date Measured	Depth to Groundwater (feet below top of casing)	Depth to Product (feet below ground surface)	Product Thickness (feet)
KAFB-3411	503	1/19/09	489.01	Not present	Not applicable
KAFB-1061	508.5	1/20/09	490.40	Not present	Not applicable
KAFB-1062	505	1/19/09	488.16	Not present	Not applicable
KAFB-1063	503	1/19/09	485.50	Not present	Not applicable
KAFB-1064	510	1/19/09	492.36	Not present	Not applicable
KAFB-1066	511	1/20/09	498.14	497.41	0.73
KAFB-1067	511	1/20/09	495.13	Not present	Not applicable
KAFB-1068	513.5	1/19/09	499.18	497.92	1.26
KAFB-1069	507.5	1/19/09	492.41	490.99	1.42
KAFB-10610	510.5	10/27/09	492.93	491.85	1.08
KAFB-10611	516	1/19/09	500.24	Not present	Not applicable
KAFB-10612	510.5	1/19/09	492.40	Not present	Not applicable
KAFB-10613	516.5	1/19/09	498.97	Not present	Not applicable
KAFB-10614	516	1/19/09	497.77	496.70	1.07
KAFB-10615	515	1/19/09	494.04	Not present	Not applicable
KAFB-10616	505	1/19/09	487.29	Not present	Not applicable
KAFB-10617	512	1/19/09	491.32	Not present	Not applicable
KAFB-10618	506	1/19/09	484.59	< 0.01 ft	Not applicable
KAFB-10619	523	1/19/09	502.96	Not present	Not applicable
KAFB-10620	512	1/19/09	489.54	Not present	Not applicable

** No PSH was detected in well KAFB-10618 immediately following well construction. The field measurement equipment has intermittently detected PSH presence in the well although all detections have been less than can be measured with the instrument (0.01 ft). These detections are interpreted to indicate a sheen of PSH on the water table surface.

Following well installation, groundwater samples were collected from all wells except KAFB-10614, due to the presence of PSH in this well. Groundwater samples were collected from monitoring wells KAFB-10611, KAFB-10612, and KAFB-10613 following well development in early October 2008 and then again as part of the regularly scheduled site-wide quarterly groundwater sampling event at the end of October 2008. The development and sampling of wells KAFB-10615 and KAFB-10616 coincided with the October 2008 quarterly groundwater sampling event for all wells, which is described in Section 3 of this report.. Wells KAFB-10617, KAFB-10618, and KAFB-10619 were developed during early January 2009 and were sampled during late January to as part of the regularly scheduled site-wide quarterly groundwater sampling event, described in Section 3 of this report. KAFB-10620 was developed and sampled immediately after well installation during December 2008, and was sampled again during January 2009 as part of the quarterly sampling event. Well KAFB-10618 was not developed due to the presence of PSH, however, due to the intermittent nature of the PSH detections in this well, an initial

groundwater sample was collected in early February 2009. The analytical results from that sample support the presence of PSH in the well.

All samples were analyzed for TPH (GRO and DRO) by EPA Method SW846-8015B, 1,2-dibromoethane (EDB) by EPA Method 8011, VOCs by EPA Method SW846-8260, SVOCs by EPA Method SW846-8270C, polyaromatic hydrocarbons (PAHs) by EPA Method SW846-8310 (EPA, 1996), nitrate by EPA Method 300.0 (EPA, 1993), and dissolved iron and dissolved manganese by EPA Method SW846-6010B (EPA, 1996). Analytical results are compared to the New Mexico Water Quality Control Commission – Human Health Standards (NMWQCC-HHSs) (20.6.2.3103 NMAC, September 26, 2004) and EPA Maximum Contaminant Levels (MCLs). Table 12 presents the positively detected constituents and their concentrations along with applicable regulatory standards used for comparison. Complete analytical results for those samples specifically collected following well development are included in Attachment 5.

Analytical data indicate the detection of similar fuel-related compounds in the well post-development samples as were detected in the subsequent quarterly sampling events which are discussed in detail in the main report.

2.4 Location Surveying

The horizontal location and vertical elevation of the monitoring wells, tied to New Mexico State Plane Coordinates, were surveyed by a New Mexico licensed surveyor. Survey data are provided in Table 13. Complete results from the surveying are included in Attachment 4.

Table 12. Analytical Results for Post-Development Groundwater Samples (Continued, Page 1 of 2)

Analyte	**NMWQCC-HHS [a]**	**EPA MCL[b]**	KAFB-10611	KAFB-10612	KAFB-10613	KAFB-10615
			10/8/08	10/9/08	10/9/08	11/03/08
Gasoline Range Organics	NA	NA	140	56 J	64 U	64 U
Diesel Range Organics	NA	NA	262 U	287 U	259 U	278 U
1,2,4-Trimethylbenzene	NA	NA	1 U	1 U	1 U	1 U
1,2-Dibromoethane (EDB) [c]	0.1	0.05	**0.072**	0.02	0.0196 U	0.0196 U
1,3,5-Trimethylbenzene	NA	NA	1 U	1 U	1 U	1 U
Acetone	NA	NA	10 U	10 U	10 U	10 U
Benzene	10	5	1 U	0.25 J	1 U	1 U
Isopropylbenzene	NA	NA	1 U	1 U	1 U	1 U
m-Xylene & p-Xylene	NA	NA	2 U	2 U	2 U	2 U
o-Xylene	NA	NA	1 U	1 U	1 U	1 U
sec-Butylbenzene	NA	NA	1 U	1 U	1 U	1 U
Toluene	750	750	1.7	1.7	0.77 J	0.98 J
Xylenes (total)	620	620	3 U	3 U	3 U	3 U
2-Methylphenol	30 [d]	NA	10.5 U	10.8 U	10.6 U	10.7 U
Bis(2-Ethylhexyl) phthalate	NA	NA	10.5 U	10.8 U	10.6 U	10.5 U
1-Methylnaphthalene	30 [d]	30	0.35 J	0.28 J	0.2 J	0.25 J
2-Methylnaphthalene	30 [d]	30	0.52 J	0.36 J	0.24 J	0.38 J
Acenaphthene	NA	NA	0.069 J	1.2 U	0.037 J	0.036 J
Anthracene	NA	NA	0.082 J	0.36 U	0.32 U	0.32 U
Fluoranthene	NA	NA	0.42 U	0.48 U	0.42 U	0.43 U
Fluorene	NA	NA	0.076 J	0.044 J	0.045 J	0.064 J
Naphthalene	30 [d]	30	0.14 J	1.2 U	0.097 J	0.2 J
Phenanthrene	NA	NA	0.31 U	0.36 U	0.32 U	0.32 U
Pyrene	NA	NA	0.21 U	0.24 U	0.21 U	0.21 U
Nitrate	10	10	10 U	10 U	0.0446 J	0.318 J
Iron, dissolved	1	0.3	0.268 J	0.12 J	0.0964 J	0.0428 J
Manganese, dissolved	0.2	0.05	**0.29 J**	**0.102**	0.03	**0.11**

[a.] New Mexico Water Quality Control Commission (WQCC) Regulations. Concentrations exceeding standards shown in **BOLD**.
[b.] EPA National Primary Drinking Water Standards- Maximum Contaminant Levels (MCLs), or if more stringent, NMWQCC-HHSs. Concentrations exceeding standards shown in **BOLD**.
[c.] Samples analyzed for EDB using Methods 8260 and 8011. Table includes only Method 8011 results because this method has a lower quantitation limit.
[d.] The WQCC regulation for PAHs of 30 mg/L is a total of the concentrations of 2- Methylphenol naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

Shading indicates the analyte was detected.

NA - not applicable U - not detected above Laboratory Reporting Limit

J - estimated value, concentration is less than Laboratory Reporting Limit but greater than Laboratory Method Detection Limit

Table 12. Analytical Results for Post-Development Groundwater Samples (Concluded, Page 2 of 2)

Analyte	NMWQCC-HHS [a]	EPA MCLs [b]	KAFB-10616	KAFB-10617	KAFB-10619	KAFB-10620
			10/30/08	1/23/09	1/23/09	12/23/08
Gasoline Range Organics	NA	NA	64 U	190	300	350
Diesel Range Organics	NA	NA	237 U	284 U	100 J	120 J
1,2,4-Trimethylbenzene	NA	NA	1 U	1 U	1 U	0.22 J
1,2-Dibromoethane (EDB) [b]	0.1	0.05	0.0199 U	**4.4 J**	**0.86 J**	0.0199 U
1,3,5-Trimethylbenzene	NA	NA	1 U	1 U	1 U	0.56 J
Acetone	NA	NA	5.2 J	10 U	10 U	10 U
Benzene	10	5	1 U	**11**	0.35 J	1.0
Isopropylbenzene	NA	NA	1 U	1 U	1 U	2.6
m-Xylene & p-Xylene	NA	NA	2 U	2 U	0.65 J	1.0
o-Xylene	NA	NA	1 U	2	1 U	1 U
sec-Butylbenzene	NA	NA	1 U	1 U	1 U	0.42 J
Toluene	750	750	0.84 J	66.6	114	4.6
Xylenes (total)	620	620	3 U	2 J	0.65 J	1.0 J
2-Methylphenol	30 [d]	NA	10.5 U	14.5 U	5.2 J	10.3 U
Bis(2-Ethylhexyl) phthalate	NA	NA	10.57U	14.5 U	5.1 J	10.3 U
1-Methylnaphthalene	30 [d]	30	0.44 J	0.058 J	0.094 J	1 U
2-Methylnaphthalene	30 [d]	30	0.62 J	14.5 U	9.6 U	1 U
Acenaphthene	NA	NA	1 U	1.1 U	1.1 U	1 U
Anthracene	NA	NA	0.32 U	0.33 U	0.32 U	0.069 J
Fluoranthene	NA	NA	0.42 U	0.43 U	0.43 U	0.055 J
Fluorene	NA	NA	0.32 U	0.33 U	0.32 U	0.32 U
Naphthalene	30 [d]	30	0.18 J	0.13 J	1.1 U	0.045 J
Phenanthrene	NA	NA	0.32 U	0.33 U	0.32 U	0.15 J
Pyrene	NA	NA	0.21 U	0.21 U	0.21 U	0.085 J
Nitrate	10	10	0.027 J	0.279 J	0.095 J	0.181 J
Iron, dissolved	1	0.3	0.143	0.1 U	0.00736 J	**1.37**
Manganese, dissolved	0.2	0.05	0.166	0.01 U	0.0216	0.16 J

[a.] New Mexico Water Quality Control Commission (WQCC) Regulations. Concentrations exceeding standards shown in **BOLD**.
[b.] EPA National Primary Drinking Water Standard s- Maximum Contaminant Levels (MCLs), or if more stringent, NMWQCC-HHSs. Concentrations exceeding standards shown in **BOLD**.
[c.] Samples analyzed for EDB using Methods 8260 and 8011. Table includes only Method 8011 results because this method has a lower quantitation limit.

[d.] The WQCC regulation for PAHs of 30 mg/L is a total of the concentrations of 2- Methylphenol naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

Shading indicates the analyte was detected.

NA - not applicable U - not detected above Laboratory Reporting Limit

J - estimated value, concentration is less than Laboratory Reporting Limit but greater than Laboratory Method Detection Limit

Table 13. Survey Data for Monitoring Wells

Well Number	Top of Casing (NAVD88) (ft above msl)	Measuring Point Elevation (NAVD88) (ft above mean sea level [msl])	New Mexico State Plane, Central Zone, North American Datum 83 (Grid Coordinates) (ft)		Geographic, North American Datum 83	
					Latitude	Longitude
KAFB-3411	5343.66	5343.49	1473383.013	1541245.276	35.049252	106.581352
KAFB-1061	5345.01	5344.41	1473582.415	1541359.936	35.049801	106.580972
KAFB-1062	5342.20	5342.00	1474008.940	1541049.715	35.050970	106.582013
KAFB-1063	5340.30	5339.71	1474016.957	1540417.757	35.050987	106.584124
KAFB-1064	5345.81	5345.68	1474358.141	1541038.525	35.051930	106.582054
KAFB-1065	5346.97	5347.97	1473998.523	1541901.521	35.050950	106.579167
KAFB-1066	5351.58	5353.14	1473296.182	1542158.124	35.049022	106.578301
KAFB-1067	5349.68	5349.54	1472895.559	1542340.132	35.047923	106.577689
KAFB-1068	5351.85	5353.45	1473670.325	1542178.027	35.050050	106.578239
KAFB-10611	5350.20	5350.03	1474019.826	1542812.822	35.051016	106.576122
KAFB-10612	5345.54	5345.27	1474039.809	1541489.482	35.051059	106.580544
KAFB-10613	5350.75	5350.45	1474735.313	1541681.317	35.052972	106.579910
KAFB-10614	5350.26	5350.08	1474017.427	1542413.987	35.051006	106.577455
KAFB-10615	5342.54	5342.44	1476461.924	1545222.611	35.057748	106.568096
KAFB-10616	5342.47	5242.30	1473163.718	1540986.834	35.048648	106.582213
KAFB-10617	5342.57	5342.51	1475228.994	1542923.453	35.054340	106.575765
KAFB-10618	5336.32	5335.97	1475430.345	1542425.963	35.054889	106.577430
KAFB-10619	5354.75	5354.75	1474712.800	1542975.256	35.052922	106.575587
KAFB-10620	5341.11	5340.75	1475368.406	1541868.993	35.054713	106.579290

2.5 Investigation Derived Waste

The investigation derived waste (IDW) related to the monitoring well installation consisted of soil generated during borehole drilling; development and purge water generated during bailing, pumping, and sampling of the newly installed monitoring wells monitoring wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10614, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620; and decontamination water generated during the decontamination of the drilling and development equipment.

2.5.1 Soil Drill Cuttings

Approximately 400 cubic yards of soil were generated during well drilling activities. The soil was staged on Kirtland AFB at the Bulk Fuels Facility in nineteen 20-cubic yard and one 30-cubic yard roll-off containers. One composite soil sample was collected, immediately following the drilling, from the soil cuttings produced from each well. The cuttings samples from wells KAFB-10611 and KAFB-10612 were collected on September 18, 2008, samples from KAFB-10613 and KAFB-10614 were collected on October 2, 2008, samples from KAFB-10615, and KAFB-10616 were collected on October 16, 2008, the sample from KAFB-10618 was collected on December 12, 2008, the sample from KAFB-10619 was collected on December 11, 2008, and samples from KAFB-10617 and KAFB-10620 were collected on December 19, 2008. All samples were analyzed for Toxicity Characteristic Leaching Procedure (TCLP)

(EPA, 2002) VOCs by EPA Method SW846-8260, TCLP semi-volatile organic compounds (SVOCs) by EPA Method 8270C, TCLP metals by EPA Method 6010F, and flashpoint analysis. Additionally, the results of the subsurface split spoon soil samples collected during the borehole drilling were used to further evaluate the disposal of the drill cuttings. The subsurface soil samples were analyzed for TPH by EPA Method SW846-8015B and for VOCs by EPA Method SW846-8260, and are further discussed in Section 2-2 above. Analytical results indicated low levels of TPH were detected in several samples with a maximum detected concentration at 155 mg/kg, and most concentrations in the range of 4.3 to 25 mg/kg. All concentrations are below the NMED TPH Screening Guidelines for Diesel Fraction of 520 mg/kg (NMED, 2006b). The subsurface soil sampling is further discussed in Section 2.2 above.

Based on these analytical results, the soil drill cuttings were found to be appropriate for disposal at the Kirtland AFB Construction and Demolition (C&D) Landfill. Approval for disposal of the soil at the Kirtland AFB C&D landfill was granted by Mr. Steven Kitt, the Solid Waste Program Manager, Kirtland AFB Civil Engineering, Assets, and Natural Resources Compliance Group provided approval for soil cuttings disposal on October 7, 2008 for wells KAFB-10611 and KAFB-10612, November 12, 2008 for wells KAFB-10613, KAFB-10614, KAFB-10615, and KAFB-10616, and on January 29, 2009 for wells KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620. Transportation and disposal of the soil drill cuttings was completed in January 2009. The soil disposal requests and approval are provided in Attachment 5.

2.5.2 Well Development Water

Approximately 3,000 total gallons of groundwater were bailed or pumped from monitoring wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620 for well development activities; including 700 gallons from KAFB-10611, 380 gallons from KAFB-10612, 360 gallons from KAFB-10613, 520 gallons from KAFB-10615, 285 gallons from KAFB-10616, 240 gallons from KAFB-10617, 238 gallons from KAFB-10619, and 238 gallons from KAFB-10620. The development water was placed in 55-gallon drums and a 1,500 gallon storage tank that were staged on Kirtland AFB at the Bulk Fuels Facility. The development water from all the wells was disposed of by discharging the water to the ground where it had been staged after receipt of approval from the NMED-GWQB.

2.5.3 Decontamination Water

Decontamination of drilling equipment was performed within a designated area used for equipment staging during drilling activities east of Fuels Drive, north of the fuels facility fence line. Plastic liners were placed on the ground to prevent the decontamination water from infiltrating the soil. The drilling equipment was decontaminated after the drilling and construction of each well; the decontamination water was allowed to evaporate.

3.0 SUMMARY AND CONCLUSIONS

Regional aquifer monitoring wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10614, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620 were installed at and within the vicinity of the Kirtland AFB Bulk Fuels Facility. The purpose for installing these monitoring wells was to further delineate the lateral extent of possible groundwater impacts resulting from migration of petroleum hydrocarbon compounds from the Bulk Fuels Facility and assess the potential for a second source of contamination. Following installation, wells KAFB-10614 and KAFB-10618 they were found to have 1.07 ft and 0.01 ft of PSH respectively. On a later date KAFB-10618 had no detect for PSH. Analytical data from soils collected during the installation of these monitoring wells indicates the presence of VOCs in the subsurface soils. In addition, both DRO and GRO were detected in subsurface soil samples. No detected analytes exceeded their respective NMED residential SSLs. Monitoring wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10619, and KAFB-10620 were developed following well construction. Analytical data indicated the presence of similar fuel-related constituents in post-development samples as observed in subsequent regularly scheduled quarterly groundwater samples which are discussed in detail in Section 3 of the main report.

THIS PAGE INTENTIONALLY LEFT BLANK

REFERENCES

20.6.2.3103 New Mexico Administrative Code. New Mexico Water Quality Control Commission – Human Health Standards (NMWQCC-HHSs). September 26, 2004.

EPA, 2002. *Characteristics of Hazardous Waste* 40 CFR 261.24, July.

EPA, 1996. *EPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)*, 3d Edition, September 1986; Final Update I, July 1992; Final Update IIA, August 1993; Final Update II, September 1994; Final Update IIB, January 1995; Final Update III. U.S. Environmental Protection Agency. December.

EPA, 1993. *EPA 100-400 Series-Methods for the Determination of Inorganic Substances in Environmental Samples*. EPA/600R-93-100. U.S. Environmental Protection Agency. August.

NMED, 2006a. *New Mexico Environmental Department Soil Screening Levels Guidelines*. New Mexico Environment Department, Santa Fe, New Mexico. June.

NMED, 2006b. NMED Total Petroleum Hydrocarbon (TPH) Screening Guidelines. New Mexico Environment Department. October.

OSE, 2005. *Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells*. New Mexico Office of the State Engineer. 19.27.4 New Mexico Administrative Code. August.

USAF, 2007. *Stage 2 Abatement Plan Modification, Bulk Fuels Facility (ST-106).* U.S. Air Force, Kirtland Air Force Base, New Mexico. August 1.

USAF, 2002. *Stage 2 Abatement Plan Report for Bulk Fuels Facility (ST-106).* U.S. Air Force, Kirtland Air Force Base, New Mexico. May.

APPENDIX C

Attachment 1

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10611	SHEET 1 OF 9

SOIL BORING LOG

PROJECT : TO313 LOCATION : Randolf, West of Super Saber Rd

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K ARCH Rig #106 DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL : START : 09/03/08 12:00 END : 09/10/08 10:30 LOGGER : A. Forsberg

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0		GOOD	GB			9/3/2008 start drilling at 1200 (Driller - Jeff Burris)
					WELL GRADED SAND (SW), brown (7.5 YR 5/4), dry, low plasticity, sand fine to coarse grained, <5% fine gra	PID = 0.0 ppm 1204 @ 10'
10		GOOD	GB		SILTY SAND WITH GRAVEL (SM), brown (7.5 YR 5/4), dry, low plasticity, gravel is subrounded fine grained	PID = 0.0 ppm 1209 @ 20' 1216 making 20-40' connection
20		GOOD	GB		SAME AS ABOVE	PID = 0.0 ppm
30		GOOD	GB		SILTY SAND WITH GRAVEL (SM),light brown (7.5 YR 6/4), dry, low plasticity, gravel is fine grained and subrounde	PID = 0.0 ppm 1243 @ 30'
40		GOOD	GB		SAME AS ABOVE	PID = 0.0 ppm 1318 making 40-60' connection
50		GOOD	GB		POORLY GRADED GRAVEL (GP), brown (7.5 YR 5/4), dry, low plasticity, fine gravel, medium to coarse sand	PID = 0.0 ppm 1402 @ 50' 1420 ~55' stop injecting H20

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10611	SHEET 2 OF 9

SOIL BORING LOG

PROJECT : TO313 LOCATION : Randolf, West of Super Saber Rd

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K ARCH Rig #106 DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL : START : 09/03/08 12:00 END : 09/10/08 10:30 LOGGER : A. Forsberg

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		14"	SS	4-6-7	WELL GRADED GRAVEL WITH SAND (GW), pink (7.5 YR 7/4), dry, nonplastic, gravel fine to coarse grained, 7-10% fine sand	VOC = 0.0 ppm Sample ID: ST106-SS-10611-060 collected on 09/03/2008 at 1515 Downhole VOCs = 0.3 ppm injecting H20 @ ~2 gpm
70		GOOD	GB		POORLY GRADED SAND WITH SILT AND GRAVEL(SP), strong brown (7.5 YR 5/6), moist, low plasticity, sand is fine, medium, subrounded, <5% silt	VOC = 0.0 ppm 1600 @ 70' End of 09/03/08
80		GOOD	GB		POORLY GRADED SAND (SP), brown (7.5 YR 4/4), moist brown, low plasticity, sand is fine, 2% silt	VOC = 0.0 ppm 0740 making 80-100 connection injecting H20 into 11 3/4" casing @ ~ 2gpm
90		GOOD	GB		POORLY GRADED SAND WITH GRAVEL (SP), strong brown (7.5 YR 4/6), moist, low plasticity, sand and grav are both fine, 2% silt	@ 90' at 0812
100		GOOD	GB		POORLY GRADED SAND WITH SILT (SP), brown (7.5 YR 5/4), dry, low plasticity, sand is fine, 5-7% silt.	VOC = 0.0 ppm 1256 @ 100' making 100-120' connection
110		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), strong brown (7.5 YR 5/6), moist, low plasticity, sand is fine, gravel is angular and fine, 10% gravel	VOC = 0.0 ppm 1350 @ 110'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10611	SHEET 3 OF 9

SOIL BORING LOG

PROJECT : TO313 LOCATION : Randolf, West of Super Saber Rd

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K ARCH Rig #106 DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL : START : 09/03/08 12:00 END : 09/10/08 10:30 LOGGER : A. Forsberg/C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120			SS	3-5-6	SILT (ML), brown (7.5 YR 4/4), moist, medium plasticit few fine gravel and coarse sand	VOC = 0.0 ppm Sample ID: ST106-SS-10611-120 collected on 09/04/2008 at 1515 Sample ID: ST106-SS-10611-120DUP collected on 09/04/2008 at 1520
		FAIR	GB		SAME AS ABOVE	downhole VOC = 0.0 ppm 1450 making 120-140 connection 1635 at 130'
130		NONE			No cuttings, cyclone hose clogged - hammering through so can get hose low enough to ground to work on	End of 09/04/08 @ 135' bg
140		GOOD	GB		POORLY GRADED SAND (SP), brown (7.5 YR 4/4), dry low plasticity, sand is fine, few coarse sand grains	VOC = 0.0 ppm 0950 making 140-160' connection No H20 being injected
150		GOOD	GB		SILT WITH SAND (ML), brown (7.5 YR 4/4), moist, medium plasticity, sand is fine 7-10%	VOC = 0.0 ppm 1035 @ 150'
160		GOOD	GB		SANDLY SILT (ML), brown (7.5 YR 4/4), wet, medium plasticity, sand is fine, ~50% sand, 50% silt	VOC = 0.0 ppm 1112 making 160-180' connection
170		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), light brownish gray (10 YR 6/2), dry, loose, about 5% fines (silt), sand grains are angular to subangular	VOC = 0.0 ppm 1155 @ 170' bg

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10611	SHEET 4 OF 9

SOIL BORING LOG

PROJECT : TO313 LOCATION : Randolf, West of Super Saber Rd

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K ARCH Rig #106 DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL : START : 09/03/08 12:00 END : 09/10/08 10:30 LOGGER : A. Forsberg/ C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180		FAIR	SS	2--6-12	SAME AS ABOVE, sand is finer, gravel is well graded	VOC = 0.0 ppm Sample ID: ST106-SS-10611-180 collected on 09/05/2008 at 1310 downhole VOC = 0.0 ppm
		GOOD	GB		SAME AS ABOVE, light brownish gray (10 YR 6/2), gra is fine to medium	VOC = 0.0 ppm 1320 making 180-200 connection injecting H20 into 11 3/4" casing
190		FAIR			WELL GRADED SAND WITH GRAVEL (SW), brown, (7.5 YR 6/2), dry, loose, non-plastic, gravel is fine and angular, <5% gravel	VOC = 0.0 ppm 1405 @ 190' bg End of day 09/05
200		GOOD	GB		POORLY GRADED SAND (SP), light brownish grey(10 YR 6/ dry, fine grained, loose, about 10% silt	VOC = 0.0 ppm No water injection
210		GOOD	GB		SANDY SILT (ML), grayish brown (10 YR 5/3), dry, loose, about 40% fine sand	VOC = 0.0 ppm 1345 hrs 210'
220		GOOD	GB		SILTY SAND (SM), light brownish grey (10 YR 6/3), dry, loose, fine grained, about 30% silt, cuttings change about 30% medium sand, 50% fine sand, 20% silt at about 225 ft	VOC = 0.0 ppm 1410 hrs @220'
230		GOOD	GB		SILTY SAND (SM), light brownish grey (10 YR 6/3), fine to medium grained, dry, loose, few pieces of fine gravel, about 20% silt. sand and gravel is angular.	1500 hrs @ 230' 1520 hrs @ 240'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10611	SHEET 5 OF 9

SOIL BORING LOG

PROJECT : TO313 LOCATION : Randolf, West of Super Saber Rd

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K ARCH Rig #106 DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL : START : 09/03/08 12:00 END : 09/10/08 10:30 LOGGER :

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240		GOOD	GB		GRAVELLY SILT WITH SAND (ML), light grey (2.5 YR 7/1) soft, dry, gravel is angular to subangular and is about 30% fine to medium sand, about 15% silt, and about 5	1520 hrs @ 240' VOC = 0.0 ppm no water injection
250		POOR			WELL GRADED (SW), light brownish gray, (10 YR 6/2), loose dry to slightly moist, about 5% fine to medium gravel, gravel is angular to subrounded	VOC = 0.0 ppm 1600 hrs @ 250' no water injection
260		POOR	GB		POORLY GRADED SAND (SP), light brownish grey (10 YR 6/2), dry, loose, fine to medium grained, few pieces of fine gravel	VOC = 0.0 ppm 1620 hrs @ 260'
270		GOOD	GB		WELL GRADED SAND (SW), light brownish grey (10 YR 6/2) slightly moist, loose, about 5% silt	VOC = 0.0 ppm 1630 hrs @ 270'
280		GOOD	GB		SILT (ML), yellowish brown (10 YR 5/4), soft, slightly moist, about 5% fine sand	VOC = 0.0 ppm 1645 hrs @ 280'
290		GOOD	GB		SILTY SAND (SM), pale yellow (2.5 YR 7/4), dry, loose, fine grained, silt about 35%, clumps of mois silt/clay in cuttings near 300ft bgs	VOC = 0.0 ppm 1650 hrs @ 290' 1655 hrs @ 300'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10611	SHEET 6 OF 9

SOIL BORING LOG

PROJECT : TO313 LOCATION : Randolf, West of Super Saber Rd

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K ARCH Rig #106 DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL : START : 09/03/08 12:00 END : 09/10/08 10:30 LOGGER : C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300			SS	8-18-25	SILT (ML), pale brown (10 YR 6/3), stiff, moist, clayey (about 30%), trace fine sand	VOC = 0.0 ppm Sample ID: ST106-SS-10611-300 collected on 09/07/2008 at 0840 Resume drilling from 300' at 1125 hr 09/07/08
310		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 4/2), loose, moist, angular to subangular, gravel about 5% (fine, angular)	VOC = 0.0 ppm 1135 hrs at 310'
320		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 4/2), loose, moist, angular to subangular, fine gravel about 10%, medium gravel about 5%, gravel is angular to rounded	VOC = 0.0 ppm 1140 hrs @ 320'
330		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 4/2), loose, moist, angular to subangular, fine to medium gravel 40%, angular to rounded	VOC = 0.0 ppm 1245 hrs @330'
340		GOOD	GB		POORLY GRADED SAND (SP), grayish brown (10 YR 5/2), dry, loose, fine grained but with 5% coarse graine sand, 5% fine gravel, gravel is subangular to rounded	VOC = 0.0 ppm 1255 @ 340'
350		GOOD	GB		WELL GRADED SAND (SW), grayish brown (10 YR 5/2), dry, loose, angular to subrounded, silt about 5%	VOC = 0.0 ppm 1330 hrs @ 350'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10611	SHEET 7 OF 9

SOIL BORING LOG

PROJECT : TO313 LOCATION : Randolf, West of Super Saber Rd

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K ARCH Rig #106 DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL : START : 09/03/08 12:00 END : 09/10/08 10:30 LOGGER : C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6"6"6"	SS	2-5-8	LEAN CLAY (CL), brown (10 YR 5/3), moist, very stiff, iron oxide staining	VOC = 0.0 ppm Sample ID: ST106-SS-10611-360 collected on 09/07/2008 at 1430
370		GOOD	GB		WELL GRADED SAND (SW), brown (10 YR 5/3), dry, loose, angular to subrounded, trace fine gravel, trace silt/clay	VOC = 0.0 ppm 1515 hrs @ 370'
380		GOOD	GB		WELL GRADED SAND (SW), as above, fine gravel about 5%, fine gravel is angular to rounded	VOC = 0.0 ppm 1535 @ 380'
390		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1545 @ 390'
400		GOOD	GB		SILTY SAND (SM), grayish brown (10 YR 5/2), dry, loose, fine grained, silt about 25%, Gravelly interval from about 405 ft to about 410 ft	VOC = 0.0 ppm 1605 @ 400' End of Day 09/07/08, stuck bit Resume drilling from 400' at 1315 hrs 09/08/08 As stuck bit was freed fine to medium gravel produced
410		GOOD	GB		WELL GRADED SAND (SW), grayish brown (10 YR 5/2), dry, loose, angular to subrounded.	VOC = 0.0 ppm 1430 hrs @ 410'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10611	SHEET 8 OF 9

SOIL BORING LOG

PROJECT : TO313 LOCATION : Randolf, West of Super Saber Rd

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K ARCH Rig #106 DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL : START : 09/03/08 12:00 END : 09/10/08 10:30 LOGGER : C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420		5"	SS	2-5-7	WELL GRADED SAND (SW), brown (10 YR 5/3), slightly moist, subangular to rounded, silt about 5% trace fine gravel, gravel is angular to subrounded, loose	VOC = 0.0 ppm Sample ID: ST106-SS-10611-420 collected on 09/09/2008 at 0930
430		GOOD	GB		WELL GRADED SAND (SW), as above At about 437-438, up to 10% fines to medium gravel observed (angular to subrounded, same pieces may be fragments of larger gravel	VOC = 0.0 ppm 1140 hrs @ 430'
440		GOOD	GB		WELL GRADED SAND (SW), as above Short intervals of more abundant medium gravel (angu to rounded) observed in cuttings	VOC = 0.0 ppm 1240 hrs @ 440'
450		GOOD	GB		WELL GRAED SAND WITH GRAVEL (SW), grayish brown (10 YR 5/2), loose, dry, sand is angular to rounded, gra is about 15%, fine to medium, angular to rounded	VOC = 0.0 ppm 1253 hrs @ 450'
460		GOOD	GB		WELL GRADED SAND (SW), grayish brown (10 YR 5/2), dry to slightly moist, loose, angular to rounded At 465, cutting are about 25% fine to medium gravel, a to rounded, moist	VOC = 0.0 ppm 1325 hrs @ 460'
470		GOOD	GB		POORLY GRADED SAND (SP), pale brown (10 YR 6/3), moist, loose, fine grained, trace silt	VOC = 0.0 ppm 1410 hrs @ 470' At 1455 hrs, bit pulled - soil of bit is wet, no fuel od

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10611	SHEET 9 OF 9

SOIL BORING LOG

PROJECT : TO313 LOCATION : Randolf, West of Super Saber Rd

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K ARCH Rig #106 DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL : START : 09/03/08 12:00 END : 09/10/08 10:30 LOGGER : C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		6"6"6"	SS	4-9-17	POORLY GRADED SAND WITH GRAVEL (SP), brown (10 YR 5/3), fine to medium grain, loose, moist, 15% gravel, fine to coarse, angular to rounded, largest fragm is 1.5 inches, trace clay (in 1/2 inch)	VOC = 0.0 ppm Sample ID: ST106-SS-10611-480 collected on 09/09/2008 at 1505
490		FAIR	GB		WELL GRADED SAND (SW), brown (10 YR 4/3), moist loose, fine gravel (subangular to rounded), about 5%	VOC = 0.0 ppm 1555 hrs @ 490'
500		GOOD	GB		WELL GRADED SAND (SW), dark greyish brown (10 YR 4/2 moist, loose, angular to subrounded, fine gravel about 5% (angular to rounded)	VOC = 0.0 ppm 1005 hrs @ 500' H20 level 496' at 0835 hrs 09/10/08
510			GB		POORLY GRAED SAND (SP), brown (10 YR 5/3), moist, loose, fine to medium grained, trace silt	VOC = 0.0 ppm 1025 hrs @ 510'
						1030 hrs @ 519'
519			GB		WELL GRADED SAND (SW), brown (10 YR 4/3), loose, wet, angular to subrounded, trace silt	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10612	SHEET 1 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Inbetween 1065 and 1062

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 488' START : 09/03/08 1210 END : 09/11/08 LOGGER : M. Brislen

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0		GOOD	GB		WELL GRADED SAND WITH SILT (SW-SM), brown (7 YR 5/4), wet, low plasticity, sand medium to fine grained	9/3/2008 start drilling at 1210 Driller adding water for dust control 1230 @ 10' VOC = 0.0 ppm
						1250 making 20-40' connection
10		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm
20		GOOD	GB		SAME AS ABOVE, dry no water added	VOC = 0.0 ppm
30		GOOD	GB		WELL GRADED SAND WITH SILT (SW-SM), light brown (7.5 YR 6/4), dry, low plasticity, sand fine to coarse gra	VOC = 0.0 ppm 1328 @ 30'
40		GOOD	GB		SAME AS ABOVE, brown (7.5 YR 5/4), fine to medium sand, damp	VOC = 0.0 ppm 1412 making 40-60' connection
50		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1509 @ 50'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10612	SHEET 2 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Inbetween 1065 and 1062

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 488' START : 09/03/08 1210 END : 09/11/08 LOGGER : M. Brislen

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		6"6"4"	S.S.	20-23-27	WELL GRADED SAND WITH SILT AND GRAVEL (SW SM), brown (7.5 YR 4/4), dry, low plasticity	VOC = 0.0 ppm Sample ID: ST106-SS-10612-060 collected on 09/03/2008 at 1550 Sample ID: ST106-SS-10612-060DUP collected on 09/03/2008 at 1555
		GOOD	GB		SAME AS ABOVE NO GRAVEL	1604 resume drilling
70		GOOD	GB		SAME AS ABOVE wet	VOC = 0.0 ppm 1634 @ 70' driller adding water 1723 at 80' Done for the day
80		GOOD	GB		WELL GRADED SAND (SW), brown, (7.5 YR 5/4), dry low plasticity, fine to coarse grained	VOC = 0.0 ppm 09/04/08 0930 making 80-100' connection 0946 start drilling
90		GOOD	GB		SAME AS ABOVE brown (7.5 YR 5/3)	VOC = 0.0 ppm 1107 @ 100'
100		GOOD	GB		SILT WITH SAND (ML), light brown (7.5 YR 6/4), dry, loose, low plasticity, sand fine to medium grained	VOC = 0.0 ppm 1115 making 100-120' connection
110		GOOD	GB		SAME AS ABOVE. brown (7.5 YR 5/4), 5% clay in fine gravel sized clumps	VOC = 0.0 ppm 1215 @ 110'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10612	SHEET 3 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Inbetween 1065 and 1062

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 488' START : 09/03/08 1210 END : 09/11/08 LOGGER : M. Brislen

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		6"6"2"	S.S.	37-50R	ELASTIC SILT (MH), brown (7.5 YR 5/4), dry, hard, medium plasticity	downhole VOC = 0.0 ppm Sample ID: ST106-SS-10612-120 collected on 09/04/2008 at 1325 Sample ID: ST106-SS-10612-120MS collected on 09/04/2008 at 1330 Sample ID: ST106-SS-10612-120MSD collected on 09/04/2008 at 1335
		POOR	GB		NO SAMPLE COLLECTED POOR RECOVERY	Done for the day - problem with hammer
130		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), dry, loose, fine to coarse grained	VOC = 0.0 ppm 09/05/08 0740 start drilling 0935 @ 140'
140		GOOD	GB		WELL GRADED SAND WITH GRAVEL(SW), light brown (7.5 YR 6/3), wet (driller injecting water), loose	VOC = 0.1 ppm 0944 making 140-160' connection 0952 start drilling 1003 driller injecting water to clean out hole 1045 @ ~150' VOC = 0.1 ppm
150		FAIR	GB		WELL GRADED GRAVEL WITH SAND (GW), light brown (7.5 YR 6/3), damp, loose, sand is coarse grained.	VOC = 0.2 ppm
		GOOD	GB		WELL GRADED SAND (SW), light brown (7.5 YR 6/3), moist, loose (at ~155')	
160		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), pinkish gray, (7.5 YR 7/2), dry, loose, sand is fine to coarse, gravel is subrounded	VOC = 0.0 ppm 1208 @ 160'
170			GB		NO SAMPLE COLLECTED	1240 @ 180'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10612	SHEET 4 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Inbetween 1065 and 1062

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 488' START : 09/03/08 1210 END : 09/11/08 LOGGER : M. Brislen

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180		6"6"6"	S.S.	20-50R	SAME AS ABOVE, gravel fine to medium	VOC = 0.0 ppm Sample ID: ST106-SS-10612-180 collected on 09/05/2008 at 1350 1414 start pounding to 120' driller injecting water
		GOOD	GB		WELL GRADED SAND AND GRAVEL (SW), brown (7.5 YR 4/3), damp, sand is medium to coarse, no fines	VOC = 0.0 ppm
190		GOOD	GB		POORLY GRADED SAND (SP), brown (10 YR 5/3), dry, loose, sand is fine grained	VOC = 0.0 ppm
200		GOOD	GB		WELL GRADED SAND(SW), pale brown (10 YR 6/3), dry, loose, 10% fine gravel	VOC = 0.0 ppm 1525 making 200-210' connection
210		GOOD	GB		SAME AS ABOVE 5% GRAVEL	VOC = 0.0 ppm 9/6/2008 1324start dirlling
220		GOOD	GB		SAME AS ABOVE wet from water added by driller	VOC = 0.0 ppm 1410 @ 220' 1420 making 220-240' connection driller adding water to cyclone 1507 drilling to 240'
230		FAIR	GB		NO SAMPLE bit stuck in casing	1520 @ 240'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10612	SHEET 5 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Inbetween 1065 and 1062

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 488' START : 09/03/08 1210 END : 09/11/08 LOGGER : M. Brislen/K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240		10"	S.S.		WELL GRADED SAND (SW), brown (10 YR 5/3), dry, loose, 10% gravel	VOC = 0.0 ppm Sample ID: ST106-SS-10612-240 collected on 09/06/2008 at 1605 1645 drilling to 240-260'
		GOOD	GB		SAME AS ABOVE. medium to coarse sand. wet from water added by driller	VOC = 0.0 ppm
250		GOOD	GB		WELL GRADED SAND (SW), brown (10 YR 5/3), damp, loose, fine to medium sand	VOC = 0.0 ppm 1700 @ 260' done for the day
260		GOOD	GB		POORLY GRADED SAND (SP), yellowish brown (10 YR 5/4) moist, loose, rounded sand, fine grained.	VOC = 0.0 ppm 09/07/08 0720 260-280' connection 0732 driller injected water 09/09/08 1505 drilling 260-280'
270		GOOD	GB		ELASTIC SILT (MH), brown (7.5 YR 4/3), moist, loose, medium plasticity	VOC = 0.0 ppm
280		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), dry, loose, fine to medium sand.	VOC = 0.0 ppm 1525 ,making 280-300' connection 1530 drilling to 300'
290		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), pale brown (10 YR 6/3), dry, loose, 5% gravel, fine to medium san	VOC = 0.0 ppm 1555 tripping out drill pipe

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10612	SHEET 6 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Inbetween 1065 and 1062

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 488' START : 09/03/08 1210 END : 09/11/08 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300		6"6"6"	S.S.	23-50R	SAME AS ABOVE. 50% gravel. loose, 10% gravel	VOC = 0.0 ppm Sample ID: ST106-SS-10612-300 collected on 09/09/2008 at 1615 1645 making 300-320' connection 1650 Drilling to 320'
		GOOD	GB		WELL GRADED SAND WITH SILT AND GRAVEL (SW-SM), yellowish brown (10 YR 5/4), dry, loose.	VOC = 0.0 ppm
310		GOOD	GB		POORLY GRADED GRAVEL WITH CLAY (GPGC), very dark grayish brown (10 YR 3/2), wet from drill wat	VOC = 0.0 ppm 1700 Done for the Day
320		GOOD	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/ dry, loose, 5-10% gravel.	VOC = 0.0 ppm 09/10/08 0714 320-340' connection 0744 Drilling to 340'
330		GOOD	GB		SILTY CLAY (CL), light brown (7.5 YR 6/4), moist from water injection, low plasticity, 15% sand and gravel.	VOC = 0.0 ppm
340		GOOD	GB		WELL GRADED GRAVEL WITH CLAY AND SAND (GW-GC), dark brown (7.5 YR 3/2), wet (driller injecting wate in cyclone), loose	VOC = 0.0 ppm 0825 making 340-360' connection 0832 drilling to 360'
350		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 5/3), dry, loose, 15% gravel	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10612	SHEET 7 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Inbetween 1065 and 1062

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 488' START : 09/03/08 1210 END : 09/11/08 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		12"	S.S.	32-50R	WELL GRADED SAND WITH GRAVEL (SW), light yellowish brown (10 YR 6/4), dry, loose, 50% gravel, small to large, large up to 1.5 inches	VOC = 0.0 ppm Sample ID: ST106-SS-10612-360 collected on 09/10/2008 at 0926 1000 making 360-380' connection 1010 drilling to 380'
		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (10 YR 5/3), moist, loose, 5% gravel.	VOC = 0.0 ppm
370		GOOD	GB		POORLY GRADED SAND (SP), yellowish brown (10 YR 5/4) moist, loose, trace fines	VOC = 0.0 ppm
380		GOOD	GB		WELL GRADED SAND (SW), pale brown (7.6 YR 6/3), dry, loose, fine to medium sand	VOC = 0.0 ppm 1030 making 380-400' connection 1040 drilling to 400'
390		GOOD	GB		SAME AS ABOVE except color as 7.5 YR 6/4 and fine	VOC = 0.0 ppm
400		GOOD	GB		WELL GRADED SAND (SW), light brown (7.5 YR 6/4), dry, loose, sand is slightly bigger than above	VOC = 0.0 ppm 1100 making 400-420' connection 1112 drilling to 420
410		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 5/3), moist (from injection), sand med to coars	VOC = 0.0 ppm 1129 @ 420'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10612	SHEET 8 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Inbetween 1065 and 1062

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 488' START : 09/03/08 1210 END : 09/11/08 LOGGER : M. Brislen and K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420		6"6"	S.S.	22-32	WELL GRADED SAND (SW), light brown (7.5 YR 6/3), moist, loose, 5% gravel and several big gravel chunks	VOC = 0.0 ppm Sample ID: ST106-SS-10612-420 collected on 09/10/2008 at 1200 Sample ID: ST106-EB-10612-420 collected on 09/10/2008 at 1200
		GOOD	GB		SAME AS 410-420'	VOC = 0.0 ppm 1300 making 420-440' connection 1310 drilling to 440'
430		GOOD	GB		ELASTIC SILT WITH SAND (MH), brown (7.5 YR 5/4), moist, low plasticity.	VOC = 0.0 ppm
440		GOOD	GB		POORLY GRADED SAND (SP), brown (7.5 YR 5/4), moist, loose, low plasticity	VOC = 4.0 ppm 1410 making 440-460' connection 1425 drilling to 460'
450		GOOD	GB		??? light brown (7.5 YR 6/4), moist loose, low plasticity	VOC = 0.2 ppm
460		GOOD	GB		WELL GRADED SAND (SW), light brown (7.5 YR 6/3), dry, loose, fine to medium sand.	VOC = 0.0 ppm 1520 making 460-480' connection 1530 drilling to 480'
470		GOOD	GB		WELL GRADED SAND (SW), light brown (7.5 YR 6/4), dry, loose, 10% small, gravel	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10612	SHEET 9 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Inbetween 1065 and 1062

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 488' START : 09/03/08 1210 END : 09/11/08 LOGGER : M. Brislen and K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		6"6"	S.S.	27-42	WELL GRADED SAND WITH GRAVEL (SW), pale bro (10 YR 6/3), moist, loose, 1 to 1.5 inch gravel	VOC = 0.0 ppm Sample ID: ST106-SS-10612-480 collected on 09/10/2008 at 1640
		GOOD	GB		WELL GRADED SAND (SW) grayish brown (10 YR 5/2), moist, loose	VOC = 0.0 ppm
490		GOOD	GB		WELL GRADED SAND (SW), grayish brown (10 YR 5/2) damp loose	VOC = 0.0 ppm
500		GOOD	GB		WELL GRADED SAND WITH CLAY (SW-SC), dark grayish brown (10 YR 4/2), wet, no plasticity, trace gravel	VOC = 0.0 ppm 09/11/08 1025 making 500-515' connection 1040 drilling to 515'
510		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10613	SHEET 1 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 495.9' START : 09/19/08 1143 END : 09/23/08 LOGGER : M. Brislen

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0					NO SAMPLE COLLECTED	9/19/2008 0-8' pot holed by ABASTO at 0800 on 9/19
10		GOOD	GB		SILT (ML), yellowish red (5 YR 4/6), dry, 5% clay	VOC = 0.2 ppm
20		GOOD	GB		SILT WITH SAND (ML), brown (5 YR 5/4), brown, dry, loose	VOC = 0.3 ppm 1214 0-20' installed 1230 start 20-40'
30		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), light brown (7.5 YR 6/3), dry, loose, gravel is fine and subangular	VOC = 0.4 ppm 1254 20-40 installed
40		GOOD	GB		SAME AS 20-30'	VOC = 0.0 ppm
50		GOOD	GB		SAME AS 10'-20'	1339

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10613	SHEET 2 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 495.9' START : 09/19/08 1143 END : 09/23/08 LOGGER : M. Brislen

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		6"6"6"	S.S.	12-17-27	SILT WITH SAND (ML), yellowish brown (10 YR 5/6), dry, loose	VOC = 0.0 ppm Sample ID: ST106-SS-10613-060 collected on 09/19/2008 at 1400
					SAME AS SPLIT SPOON	
70					NO SAMPLE COLLECTED	
80			GB		ELASTIC SILT (MH), brown (10 YR 5/6), moist, low plasticity	VOC = 0.0 ppm 1430 80-100' connection
90			GB		POORLY GRADED FINE SAND (SP), brown (7.5 YR 5/4), dry, loose, <5% coarse sand	VOC = 0.0 ppm 1445 @ ~90'
100			GB		SILT (ML), yellowish brown (10 YR 5/6), dry, loose.	VOC = 0.0 ppm 1500 100-120' connection
110			GB		NO SAMPLE COLLECTED	
						1540 @ 120'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10613	SHEET 3 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 495.9' START : 09/19/08 1143 END : 09/23/08 LOGGER : M. Brislen

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		6"6"4"	S.S.	29-50R	SILT (ML), yellowish red (10 YR 5/6), moist, loose (2" hard clay)	VOC = 0.0 ppm Sample ID: ST106-SS-10613-120 collected on 09/19/2008 at 1555 1607 resume drilling
					NO SAMPLE HOSE CLOGGED	1610 hose clogged, trying to clear
130					NO SAMPLE, HOSE CLOGGED NO RECOVERY DURING DRILLING	
						Done fo day 09/19/08
140		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 4/3), dry, loose	VOC = 0.0 ppm 09/20/08 0738 start drilling
150			GB		SAME AS ABOVE	VOC = 0.0 ppm
						0859 140-160' installed
160			GB		SAME AS ABOVE	VOC = 0.0 ppm
170			GB		SAME AS ABOVE	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10613	SHEET 4 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 495.9' START : 09/19/08 1143 END : 09/23/08 LOGGER : M. Brislen and K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180		6"6"5"	S.S.	37-50R	180-180.5: WELL GRADED SAND WITH GRAVEL (SW brown (7.5 YR 5/4), dry, loose 180.5-181.5: WELL GRADED SAND (SW), brown (7.5 YR 5/4), dry, loose	VOC = 0.0 ppm Sample ID: ST106-SS-10613-180 collected on 09/20/2008 at 1010 Sample ID: ST106-SS-10613-180DUP collected on 09/20/2008 at 1025
		GOOD	GB		SAME AS ABOVE	
190		FAIR	GB		SAME AS ABOVE	VOC = 0.0 ppm
						1120 @ 200'
200		FAIR	GB		WELL GRADED GRAVEL WITH SAND (GW), brown (7.5 YR 5/4), dry, loose, slight amount of clay	VOC = 0.0 ppm 09/21/08 0900 making 200-220' connection 0930 drilling 200-220'
210		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/5), moist, loose, trace gravel - small size	VOC = 0.0 ppm
220		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 0955 making 220-240' connection 1005 drilling 220-240'
230		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 5/5), moist, loose	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10613	SHEET 5 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 495.9' START : 09/19/08 1143 END : 09/23/08 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240		4"	S.S.	50R	WELL GRADED GRAVEL (GW), (5 YR 6/3), trace fine sand	VOC = 0.0 ppm Sample ID: ST106-SS-10613-240 collected on 09/21/2008 at 1035 Same could not be collected for testing. only 4" of gravel collected
		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), (10 YR 6/4), dry, loose	VOC = 0.0 ppm 1105 making 240-260' connection 1110 drilling to 260'
250		GOOD	GB		SILT (ML), (10 YR 6/5), no plasticity	VOC = 0.0 ppm
260		FAIR	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/5), moist, loose	VOC = 0.0 ppm 1135 making 260-280 connection 1150 drilling 260-280'
270		GOOD	GB		ELASTIC SILT (MH), brown, (10 YR 4/4), moist, loose, medium plasticity	VOC = 0.0 ppm 1215 cylcone clogged
280		GOOD	GB		SAME AS ABOVE except color is yellowish brown (10 YR 5/6	VOC = 0.0 ppm 1330 making 280-300' connection 1340 drilling 280-300'
290		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), brown (7.5 YR 6/4), dry, loose, 40% sand	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10613	SHEET 6 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 495.9' START : 09/19/08 1143 END : 09/23/08 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300		6"5"	S.S.	27-50R	WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 6/4), dry to moist, loose, trace clay	VOC = 0.0 ppm Sample ID: ST106-SS-10613-300 collected on 09/21/2008 at 1400 1410 making 300-320' connection 1420 drilling to 320'
		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), brown (7.5 YR 5/4), dry, loose	VOC = 0.0 ppm
310		GOOD			WELL GRADED SAND (SW), (5 YR 6/4), dry, loose, fine to coarse sand, 10% gravel	VOC = 0.0 ppm
320		GOOD	GB		POORLY GRADED SAND (SP), brown (7.5 YR 5/4), dry to moist, loose, trace gravel	VOC = 0.0 ppm 1445 making 320-340' connection 1450 drilling to 340' 1510 problem with air pressure
330		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), brown (7.5 YR 5/3), dry, loose, 20% sand	VOC = 0.0 ppm
340		GOOD	GB		WELL GRADED SAND (SW), (7.5 YR 6/5), dry to moist, loose	VOC = 0.0 ppm 1640 making 340-360 connection 1650 drilling to 360'
350						1715 Done for the day

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10613	SHEET 7 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 495.9' START : 09/19/08 1143 END : 09/23/08 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6"1"	S.S.	27-50-50	WELL GRADED SAND (SW), brown (7.5 YR 5/4), moist, loose, 5% gravel	VOC = 0.0 ppm Sample ID: ST106-SS-10613-360 collected on 09/22/2008 at 0800 0800 making 360-380' connection 0808 drilling 360-380'
		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), (10 YR 4/5), moist, loose	VOC = 0.0 ppm
370		GOOD	GB		WELL GRADED SAND (SW), light brownish gray (10 YR 6/2), moist, loose, medium to coarse sand	VOC = 0.0 ppm
380		GOOD	GB		WELL GRADED SAND (SW), light brown (7.5 YR 6/3), dry, loose, trace gravel	VOC = 0.0 ppm 0840 making 380-400 connection 0850 drilling to 420'
390		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm
400		GOOD	GB		ELASTIC SILT (MH), (7.5 YR 4/5), dry to moist, loose, low to medium plasticity	VOC = 0.0 ppm 0925 making 400-420' connection 0930 drilling to 420'
410		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/5), moist, loose, driller injected water into cyclone	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10613	SHEET 8 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 495.9' START : 09/19/08 1143 END : 09/23/08 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420		9"	S.S.	12-20-50	WELL GRADED SAND WITH GRAVEL (SW), (10 YR 5/4), moist, loose	VOC = 0.0 ppm Sample ID: ST106-SS-10613-420 collected on 09/22/2008 at 1000 1010 making 420-440 connection 1020 drilling to 440'
		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW) (10 YR 5/5), loose gravel is small - 1/2 in and less, dry	VOC = 0.0 ppm
430		GOOD	GB		SAME AS 420-421.5'	VOC = 0.0 ppm
440		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), moist, loose	VOC = 0.0 ppm 1045 making 440-460 connection 1050 drilling to 460'
450		GOOD	GB		ELASTIC SILT (MH), (7.5 YR 4/5), moist, loose, low to medium plasticity	VOC = 0.0 ppm
460		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), brown (10 YR 6/3), dry, loose	VOC = 0.0 ppm 1130 making 460-480' connection 1140 drilling to 480'
470		GOOD	GB		WELL GRADED GRAVEL (GW) (5 YR 6/1), dry, loose, trace sand	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10613	SHEET 9 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 30 K ARCH Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegus

WATER LEVEL 495.9' START : 09/19/08 1143 END : 09/23/08 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		6"	S.S.	100?	WELL GRADED SAND WITH CLAY (SW-SC), pale br((10 YR 6/3), dry to moist, loose	VOC = 0.0 ppm Sample ID: ST106-SS-10613-480 collected on 09/22/2008 at 1220 1245 making 480-500' connection 1250 drilling to 500'
		GOOD	GB		WELL GRADED SAND (SW) light yellowish brown (10 YR 6/4), moist, loose	VOC = 0.0 ppm
490		GOOD	GB		WELL GRADED SAND (SW), yellowish brown (10 YR 5/4), very moist, loose	VOC = 0.0 ppm
500		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 4/4), wet, loose, trace gravel	VOC = 0.0 ppm 1420 making 500-515' connection 1530 drilling to 515'
510		GOOD	GB		WELL GRADED SAND (SW), strong brown (7.5 yr 5/6), wet, standing water	VOC = 0.0 ppm 09/23/08 Drilling 1 ft to 516'
520						

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10614	SHEET 1 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Randolf, East of Bldg 1024

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Speedstar 50K, rig #106, ARCH tooling DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 494.5' START : 09/23/2008 1545 END : 09/30/2008 LOGGER : C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0		GOOD	GB		Fill from potholing crew, 0-8 ft	
10		GOOD	GB		SILT (ML), brown (7.5 YR 5/4), dry, soft, trace fine sand	VOC = 0.0 ppm 1550 hrs @ 10'
20		GOOD	GB		SILT (ML), as above, except about 5% fine to medium grain sand, trace caliche	VOC = 0.0 ppm 1620 hrs @ 20'
30		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1625 hrs @ 30'
40		GOOD	GB		SILT (ML), light brown (7.5 YR 6/3), dry, soft, 5% fine to coarse sand-sized caliche fragments, trace fine silica sand	VOC = 0.0 ppm 1652 hrs @ 40' Casing advancement slowed below 40'
50		GOOD	GB		SAME AS ABOVE , except brown (7.5 YR 5/4)	VOC = 0.0 ppm 1705 hrs @ 50' Stop drilling for the day @ 1715 hrs, about 60'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10614	SHEET 2 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Randolf, East of Bldg 1024

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Speedstar 50K, rig #106, ARCH tooling DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 494.5' START : 09/23/2008 1545 END : 09/30/2008 LOGGER : C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		6"	S.S.	9-12-16	SILT (ML), light brown (7.5 YR 6/3), dry, soft, 30% coa sand-sized to fine gravel-size pieces of caliche, trace fine gravel	VOC = 0.0 ppm Sample ID: ST106-SS-10613-60 collected on 09/24/2008 at 0800 Breathing zone = 0.0 ppm
70		GOOD	GB		SILT (ML), light brown (7.5 YR 6/4), dry, soft, about 10% medium to coarse sand, sand is angular, less caliche than above	VOC = 0.0 ppm 0908 hrs @ 70'
80		GOOD	GB		SILT WITH SAND (ML), light brown (7.5 YR 6/3), dry, soft, about 15% medium to coarse sand (angular to subrounded), about 5% fine gravel (angular to subrounded)	VOC = 0.0 ppm 0940 hrs @ 80'
90		GOOD	GB		SILT WITH SAND (ML), as above at 80 ft except increased medium to coarse sand (about 20-25%)	VOC = 0.0 ppm 1000 hrs @ 90' increased dust output, color change at about 95'
100		GOOD	GB		POORLY GRADED SAND (SP), gray (10 YR 6/1), fine to medium grain, trace coarse sand, trace fine gravel, trace silt, dry, loose, grains are angular to subrounded	VOC = 0.0 ppm 1030 hrs @ 100'
110		GOOD	GB		POORLY GRADED SAND (SP), light brownish gray (10 YR 6/2), dry, loose, trace silt	VOC = 0.0 ppm 1055 hrs @ 110'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10614	SHEET 3 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Randolf, East of Bldg 1024

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Speedstar 50K, rig #106, ARCH tooling DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 494.5' START : 09/23/2008 1545 END : 09/30/2008 LOGGER : C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		12"	S.S.	9-25-34	SILT (ML), brown (7.5 YR 5/4), dry to slightly moist, ve stiff, 10% gravel-size pieces of caliche	VOC = 0.0 ppm Sample ID: ST106-SS-10613-120 collected on 09/24/2008 at 1235
130		FAIR	GB		SILT (ML), brown (10 YR 5/3), dry, soft, trace clay (in small clumps)	VOC = 0.0 ppm 1350 hrs @ 130'
140		GOOD	GB		SILT (ML), brownish yellow (10 YR 6/6), dry, soft	VOC = 0.0 ppm 1425 hrs @ 140'
150		GOOD	GB		SAME AS ABOVE except about 5% fine grained sand, trace fine gravel	VOC = 0.0 ppm 1440 hrs @ 150'
160		GOOD	GB		WELL GRADED SAND (SW), grayish brown (10 YR 5/2), dry, loose, angular to subrounded, trace silt, trace fine gravel	VOC = 0.0 ppm 1550 hrs @ 160'
170		GOOD	GB		SAME AS ABOVE except gravel about 5%	VOC = 0.0 ppm 1610 hrs @ 170'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10614	SHEET 4 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Randolf, East of Bldg 1024

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Speedstar 50K, rig #106, ARCH tooling DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 494.5' START : 09/23/2008 1545 END : 09/30/2008 LOGGER : C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180		6"6"6"	S.S.	10-17-23	SAME AS ABOVE except fine gravel now 10% (gravel is subangular to rounded)	VOC = 0.0 ppm Sample ID: ST106-SS-10613-180 collected on 09/24/2008 at 1630
190		GOOD	GB		POORLY GRADED SAND (SP), grayish brown (10 YR 5/2), fine to medium grained, dry, loose, angular to subrounded	VOC = 0.0 ppm 1205 hrs @ 190' Stop for the day at about 197', 1715 hrs
200		GOOD	GB		WELL GRADED SAND (SW), light brownish gray (10 YR 6/2), moist, loose, angular to subrounded, fine gravel 5% (subangular to rounded)	VOC = 0.0 ppm 09/25/08 0805 hrs @ 200'
210		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), moist, loose, angular to subrounded, trace fine gravel	VOC = 0.0 ppm 1320 hrs @ 210'
220		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), light brownish gray (10 YR 6/2), moist, loose, angular t subrounded, about 15% fine to medium gravel (subangular to rounded)	VOC = 0.0 ppm 1345 hrs @ 220'
230		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1350 hrs @ 230'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10614	SHEET 5 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Randolf, East of Bldg 1024

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Speedstar 50K, rig #106, ARCH tooling DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 494.5' START : 09/23/2008 1545 END : 09/30/2008 LOGGER : C. Dougherty and K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240		6"4"	S.S.	20-24-26	WELL GRADED SAND (SW), light brownish gray (10 Y 6/2), dry, loose, angular to subrounded, 5% fine gravel	VOC = 0.0 ppm Sample ID: ST106-SS-10614-240 collected on 09/25/2008 at 1415
250		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1450 hrs @ 250'
260		GOOD	GB		WELL GRADED SAND (SW),light brown (7.5 YR 6/3), moist, loose	VOC = 0.0 ppm
270		FAIR	GB		ELASTIC SILT (MH), brown (7.5 YR 4/4), dry to moist, loose	VOC = 0.0 ppm
280		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 4/4), dry, loose	VOC = 0.0 ppm
290		GOOD	GB		SAME AS ABOVE BUT COLOR AS brown (7.5 YR 4/3)	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10614	SHEET 6 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Randolf, East of Bldg 1024

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Speedstar 50K, rig #106, ARCH tooling DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 494.5' START : 09/23/2008 1545 END : 09/30/2008 LOGGER : M. Brislen

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300		6"	S.S.	23-50R	WELL GRADED SAND (SW) pinkish gray (7.5 YR 7/2), dry, loose, trace clay	VOC = 0.0 ppm Sample ID: ST106-SS-10614-300 collected on 09/29/2008 at 1632 09/30/08 0815 300-320' connection
310		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 5/3), dry, loose	0840 @ 320'
320		GOOD	GB		SAME AS ABOVE, damp	VOC = 0.0 ppm 0842 making 320-340 connection
330		GOOD	GB		POORLY GRADED SAND WITH GRAVEL (SP), brown (7.5 YR 5/3), dry, loose, sand is medium grained	VOC = 0.0 ppm
340					NO SAMPLE COLLECTED	0856 @ 340' 0859 making 340-360' connection
350		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 5/3), dry	VOC = 0.0 ppm 0925 @ 360'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10614	SHEET 7 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Randolf, East of Bldg 1024

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Speedstar 50K, rig #106, ARCH tooling DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 494.5' START : 09/23/2008 1545 END : 09/30/2008 LOGGER : M. Brislen

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6"1"	S.S.	12-16-19	WELL GRADED SAND (SW), brown (7.5 YR 5/3), sand catcher full of elastic silt (MH)	VOC = 0.0 ppm Sample ID: ST106-SS-10614-360 collected on 09/30/2008 at 0945
		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 5/4), dry	VOC = 0.0 ppm
370		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 4/4), damp, 5% gravel, sand medium to coarse grained	VOC = 0.0 ppm
380		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1026 @ 380' 1029 making 380-400 connection
390		GOOD	GB		SAME AS ABOVE, no gravel	VOC = 0.0 ppm
400		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1100 making 400-420' connection
410		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10614	SHEET 8 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Randolf, East of Bldg 1024

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Speedstar 50K, rig #106, ARCH tooling DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 494.5' START : 09/23/2008 1545 END : 09/30/2008 LOGGER : Todd Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420		6"	S.S.	3-15-19	SAME AS ABOVE with 2 inch clump of clay	VOC = 0.0 ppm Sample ID: ST106-SS-10614-420 collected on 09/30/2008 at 1210 1215 making 420-440 connection
		GOOD	GB		WELL GRADED SAND WITH SILT (SW-SM), brown (7 YR 5/2), dry	VOC = 0.0 ppm
430		GOOD	GB		WELL GRADED SAND (SW), gray (7.5 YR 5/1), damp	VOC = 0.0 ppm 1235 @ 440'
440		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/2) dry, <5% small gravel	VOC = 0.0 ppm 1402 making 440-460 connection
450		FAIR	GB		POORLY GRADED GRAVEL WITH SAND (GP), grayish brown (7.5 YR 4/2), damp, 65% subangular-rounded coarse gravel	VOC = 0.0 ppm
460		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/3), dry <5% small gravel	VOC = 1.3 ppm 1435 making 460-480' connection
470		GOOD	GB		SAME AS ABOVE but damp sligtly ??? grained	VOC = 0.6 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10614	SHEET 9 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Randolf, East of Bldg 1024

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Speedstar 50K, rig #106, ARCH tooling DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 494.5' START : 09/23/2008 1545 END : 09/30/2008 LOGGER : Todd Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		6"	S.S.	9-14-21	SAME AS ABOVE but moist	VOC = 0.0 ppm Sample ID: ST106-SS-10614-480 collected on 09/30/2008 at 1520 1537 making 480-500 connection
		GOOD	GB		SAME AS ABOVE but damp with 10% small gravel	VOC = 1.0 ppm
490		GOOD	GB		WELL GRADED GRAVEL (GW), grayish brown alothough other colors (7.5 YR 6/2), 95% small rounded gravel, damp	VOC = 1.3 ppm 1615 slight odor detected 1620 downhole VOC = 6.8 ppm 1622 making 500-520 connection
500		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/2), gravel - small angular to sub angular ??, moist to wet	VOC = 0.0 ppm
510		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10615	SHEET 1 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : SE Lousiana and Gibson

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 492.23' START : 09/30/2008 1326 END : 10/06/2008 LOGGER : M. Brislen

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0			GB		SILT (ML), brown (7.5 YR 4/4), dry	1326 start drilling
10			GB		SAME AS ABOVE	VOC = 0.0 ppm
20			GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 5/4), dry	VOC = 0.0 ppm 1354 making 20-40' connection
30			GB		SAME AS ABOVE	VOC = 0.0 ppm
40			GB		WELL GRADED SAND WITH SILT AND GRAVEL (SW-SM), brown (7.5 YR 5/4), dry	VOC = 0.0 ppm 1422 making 40-60' connection
50			GB		SAME AS ABOVE , trace clay	VOC = 0.0 ppm
						1510 @ 60'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10615	SHEET 2 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : SE Lousiana and Gibson

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 492.23' START : 09/30/2008 1326 END : 10/06/2008 LOGGER : M. Brislen and K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		6"6"2"	S.S.	9-12-13	ELASTIC SILT WITH SAND (MH), brown (7.5 YR 5/4), low plasticity	VOC = 0.0 ppm Sample ID: ST106-SS-10615-60 collected on 09/30/2008 at 1550
		GOOD	GB		ELASTIC SILT (MH), dark brown (7.5 YR 3/3), low plasticity	VOC = 0.0 ppm
70		GOOD	GB		WELL GRADED SAND WITH SILT (SW-SM), brown (7.5 YR 5/4), dry to moist, loose	VOC = 0.0 ppm
80			GB		WELL GRADED SAND (SW), brown (7.5 YR 5/5) dry, loose	VOC = 0.0 ppm
90					NO SAMPLE - clogged cyclone	
100		GOOD	GB		SAME AS 80-90', trace clay	VOC = 0.0 ppm
110		GOOD	GB		WELL GRADED SAND (SW), brown (10 YR 4/4), moist, loose	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10615	SHEET 3 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : SE Lousiana and Gibson

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 492.23' START : 09/30/2008 1326 END : 10/06/2008 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		6"6"2"	S.S.	12-14-24	WELL GRADED SAND WITH CLAY (SW-SC), brown (7.5 YR 5/5), dry to moist, loose, low plasticity	VOC = 0.0 ppm Sample ID: ST106-SS-10615-120 collected on ??/2008 at 0910
		GOOD	GB		WELL GRADED SAND (SW), brown (10 YR 4/4), dry t moist, loose	VOC = 0.0 ppm
130					NO SAMPLE DUE TO CLOGGING	1125 driller injected water
140		GOOD	GB		LEAN CLAY WITH SAND (CL), yellowish brown (10 YR 5/4) , medium to high plasticity, wet from injected water, tra	VOC = 0.0 ppm
150		GOOD	GB		ELASTIC SILT WITH SAND (MH), yellowish brown (10 YR 5/ 20% lean clay, wet from injected water, medium plastic	VOC = 0.0 ppm
160		GOOD	GB		ELASTIC SILT (MH), brown (7.5 YR 4/4), moist, loose, low plasticity	VOC = 0.0 ppm
170		FAIR	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), wet, loose	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10615	SHEET 4 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : SE Lousiana and Gibson

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 492.23' START : 09/30/2008 1326 END : 10/06/2008 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180		6"6"5"	S.S.	11-12-17	WELL GRADED SAND (SW), brown (7.5 YR 4/4), wet, coarse, trace gravel, loose	VOC = 0.0 ppm Sample ID: ST106-SS-10615-180 collected on 10/02/2008 at 1345 1350 making 180-200' connection
		GOOD	GB		WELL GRADED SAND (SW), reddish yellow (7.5 YR 6 damp, loose, fine to coarse sand	VOC = 0.0 ppm 1450 driller injected water
190						
		GOOD	GB		WELL GRADED SAND WITH CLAY (SW-SC), pale br (10 YR 6/3), wet to saturated from injected water. trace gravel	VOC = 0.0 ppm
200		GOOD	GB		WELL GRADED SAND (SW), yellowish brown (10 YR 5/4), moist, loose, fine to coarse sand	VOC = 0.0 ppm 10/03/08 0810 making 200-220 connection
210		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), pale brown (10 yr 6/3), dry, loose	VOC = 0.0 ppm
220		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), damp, loose, fine to medium sand	VOC = 0.0 ppm 0840 making 220-240 connection
230		GOOD	GB		WELL GRADED SAND (SW), light gray (10 YR 7/2), dry, loose, fine to medium sand, trace gravel	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10615	SHEET 5 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : SE Lousiana and Gibson

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 492.23' START : 09/30/2008 1326 END : 10/06/2008 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240		6"4"	S.S.	12-50	SAME AS ABOVE, less gravel	VOC = 0.0 ppm Sample ID: ST106-SS-10615-240 collected on 10/03/2008 at 0945 0945 making 240-260 connection
		GOOD	GB		WELL GRADED SAND (SW), light brownish gray (10 YR 6/2), dry, loose	VOC = 0.0 ppm
250		GOOD	GB		WELL GRADED SAND (SW), light brownish gray (10 Y 6/2), dry, loose, 5% gravel	VOC = 0.0 ppm
260		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), dry, loose, 5% gravel	VOC = 0.0 ppm 1010 making 260-280 connection
270		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm
280		GOOD	GB		SAME AS ABOVE. 10% gravel	VOC = 0.0 ppm
290		GOOD	GB		WELL GRADED SAND (SW), very pale brown (10 YR 7/3), damp, fines	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10615	SHEET 6 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : SE Lousiana and Gibson

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 492.23' START : 09/30/2008 1326 END : 10/06/2008 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300		6"3"	S.S.	27-50	WELL GRADED SAND WITH CLAY (SW-SC), light yellowish brown (10 YR 6/4), dry, low plasticity	VOC = 0.0 ppm Sample ID: ST106-SS-10615-300 collected on 10/03/2008 at 1100 1108 making 300-320 connection
		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), moist from injected water, loose	VOC = 0.0 ppm
310		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), light brownish gray (10 YR 6/2), dry, loose	VOC = 0.0 ppm
320		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), light yellowish brown (10 YR 6/4), dry, loose	VOC = 0.0 ppm 1150 making 320-340 connection
330		GOOD	GB		WELL GRADED SAND (SW), very pale brown (10 YR 7/3), damp, loose	VOC = 0.0 ppm
340		GOOD	GB		WELL GRADED GRAVEL (GW), pinkish gray (7.5 YR 6/2), moist from injected water, gravel up to 2 inch diameter	VOC = 0.0 ppm
350		GOOD	GB		WELL GRADED SAND (SW), light gray (10 YR 7/2), moist from injected water, trace gravel	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10615	SHEET 7 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : SE Lousiana and Gibson

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 492.23' START : 09/30/2008 1326 END : 10/06/2008 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6"6"	S.S.	50-50	WELL GRADED SAND WITH GRAVEL (SW), pink (7.5 YR 7/3), dry, loose, fine to coarse sand gravel up to 1.5"	VOC = 0.0 ppm Sample ID: ST106-SS-10615-360 collected on 10/03/2008 at ???
		GOOD	GB		WELL GRADED SAND (SW), pink (7.5 YR 7/3). damp, loose	VOC = 0.0 ppm
370		FAIR	GB		WELL GRADED GRAVEL (GW), gray (7.5 YR 6/1), dry loose	VOC = 0.0 ppm
380		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), pinkish gray (7.5 YR 6/2), dry, loose	VOC = 0.0 ppm
390		GOOD	GB		POORLY GRADED SAND WITH GRAVEL (SP), brown (10 YR 5/3), moist, loose	VOC = 0.0 ppm
400		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm
410		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), pink (7.5 YR 7/3), dry, loose	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10615	SHEET 8 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : SE Lousiana and Gibson

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 492.23' START : 09/30/2008 1326 END : 10/06/2008 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420		6"1"	S.S.	50R	SANDY LEAN CLAY (CL), light yellowish brown (10 YF moist, medium plasticity	VOC = 0.0 ppm Sample ID: ST106-SS-10615-420 collected on 10/06/2008 at 0905 10/07/08 0735 making 420-440 connection 0749 drilling to 440
		GOOD	GB		WELL GRADED SAND (SW), reddish yellow (7.5 YR 6 moist, loose, 5% small gravel	VOC = 0.0 ppm
430		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), loose, trace gravel	VOC = 0.0 ppm
440		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), pale brown (10 YR 6/3), dry, loose	VOC = 0.0 ppm 0825 making 440-460 connection 0830 drilling to 460'
450		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), moist, loose, fine to medium sand	VOC = 0.0 ppm
460		GOOD	GB		SILT(ML), yellowish brown (10 YR 5/4), damp, loose, very lov plasticity	VOC = 0.0 ppm 0900 making 460-480 connection 0915 drilling to 480'
470		GOOD	GB		WELL GRADED SAND (SW), light gray (10 YR 7/2), dry, loose, fine to coarse sand	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10615	SHEET 9 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : SE Lousiana and Gibson

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 492.23' START : 09/30/2008 1326 END : 10/06/2008 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		6"6"6"	S.S.	17-25-32		VOC = 0.4 ppm
					WELL GRADED SAND (SW), very pale brown (10 YR dry, loose	Sample ID: ST106-SS-10615-480 collected on 10/07/2008 at ?? 1010 making 480-500 connection 1013 drilling to 500'
		GOOD	GB		WELL GRADED SAND (SW), very pale brown (10 YR damp, loose	VOC = 0.0 ppm
490						
		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), yellowis brown (10 YR 5/4), moist, coarse sand, loose	VOC = 0.0 ppm
500						
		GOOD	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/4), wet, loose	VOC = 0.0 ppm 1040 making 500-520 connection 1050 drilling to 520'
510						
		GOOD	GB		WELL GRADED GRAVEL WITH SAND (SW), yellowish brow (10 YR 5/4), wet, loose	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10616	SHEET 1 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Near Short St.

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K Speedstar ARCH rig DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 484.55 bgs START : 10/04/2008 13:06 END : 10/09/2008 1122 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0			GB		WELL GRADED SILTY SAND (SW-SM), brown (7.5 YI 5/4), damp, <2% small gravel (~2mm)	VOC = 0.0 ppm
10			GB		SAME AS ABOVE with no small gravel and finer grained	VOC = 0.0 ppm 1309 @ 10'
20			GB		SAME AS ABOVE	VOC = 0.0 ppm 1318 @ 20' 1337 making 20-40' connection
30			GB		SAME AS ABOVE with some small gravel and higher % silt, dry	VOC = 0.0 ppm 1351 @ 30'
40			GB		SILT (ML), brown (7.5 YR 5/4), dry.	VOC = 0.0 ppm 1403 @ 40' 1415 making 40-60' connection
50		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1438 @ 50'
						1445 @ 60'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10616	SHEET 2 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Near Short St.

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K Speedstar ARCH rig DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 484.55 bgs START : 10/04/2008 13:06 END : 10/09/2008 1122 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		6"3"0"	S.S.	22-36-48	SAME AS ABOVE with <5% gravel , angular clasts	VOC = 0.0 ppm Sample ID: ST106-SS-10616-60 collected on 10/04/2008 at 15:06
			GB		SILT (ML), brown (7.5 YR 5/4), dry, same as above wit no gravel	VOC = 0.0 ppm 1517 making 60-80' connection
70			GB		SAME AS ABOVE	VOC = 0.0 ppm 1532 @ 70'
80			GB		WELL GRAINED SAND (SW), brown (7.5 YR 6/4), dry, color is salt and pepper, grains of red, black sand and clear quartz	VOC = 0.0 ppm 1547 @ 80'
90			GB		SILT (ML), brown (7.5 YR 5/4), dry, 5% gravel small subangular	VOC = 0.0 ppm 1553 making 80-100' connection 1613 @ 90
100			GB		SILT (ML), brown (7.5 YR 5/4), dry, low plasticity, no gravel, very fine grained, 95% silt, 5% sand	VOC = 0.0 ppm 1639 @ 100'
110			GB		SAME AS ABOVE except brown (7.5 YR 4/5), damp	VOC = 0.0 ppm 1646 making 100-120' connection 1701 @ 110
						10/05/08 0758 @ 120

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10616	SHEET 3 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Near Short St.

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K Speedstar ARCH rig DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 484.55 bgs START : 10/04/2008 13:06 END : 10/09/2008 1122 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		6"6"6"	S.S.	9-27-36	SILT (ML), brown (7.5 YR 4/4), damp, medium plasticity, 5% clay	VOC = 0.0 ppm Sample ID: ST106-SS-10616-120 collected on 10/05/2008 at 0804
		FAIR	GB		SILT (ML), light brown (7.5 YR 6/3), dry	VOC = 0.0 ppm 0855 connecting 120-140'
130		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 6/4), dry, color is salt and pepper, grains of red, black, and clear quartz brown, 2% small gravel	VOC = 0.0 ppm 0905 @ 130'
140		GOOD	GB		SAME AS ABOVE but no gravel	VOC = 0.0 ppm 0939 connecting 140-160'
150		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 0956 @ 150'
160		GOOD	GB		SAME AS ABOVE but coarse grained	VOC = 0.0 ppm 1025 making 160-180' connection 1014 @ 160
170		GOOD	GB		SAME AS ABOVE finer grade sand again as in 60' sample	VOC = 0.0 ppm 1045 @ 170'
						1058 @ 180'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10616	SHEET 4 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Near Short St.

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K Speedstar ARCH rig DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 484.55 bgs START : 10/04/2008 13:06 END : 10/09/2008 1122 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180		6"4"0"	S.S.	4-9-21	WELL GRADED SAND (SW), brown (7.5 YR 6/4), dry, small (2-4 mm) gravel with some larger stones	VOC = 0.0 ppm Sample ID: ST106-SS-10616-180 collected on 10/05/2008 at 1110
		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1127 making 180-200' connection
190		GOOD	GB		SAME AS ABOVE with coarser grained sand	VOC = 0.0 ppm 1127 @ 190'
200		GOOD	GB		POORLY GRAINED SAND (SP), brown (7.5 YR 5/4), damp, with 10% gravel (2-6 mm) subangular	VOC = 0.0 ppm 1149 @ 200'
						1153 telescoping pipe
210		GOOD	GB		WELL GRADED SAND WITH SILT (SW-SM), brown (7.5 YR 5/4), damp	VOC = 0.0 ppm 10/06 0809 making 200-220 connection 0822 @ 210'
220		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp	VOC = 0.0 ppm 0830 @ 220'
230		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp, 5% gravel (2-4 mm)	VOC = 0.0 ppm 0838 making 220-240' connection 0847 @ 230'
						0852 @ 240'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10616	SHEET 5 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Near Short St.

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K Speedstar ARCH rig DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 484.55 bgs START : 10/04/2008 13:06 END : 10/09/2008 1122 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240		6"0"0"	S.S.	42-50-0	WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp 5% gravel (2-4mm)	VOC = 0.0 ppm Sample ID: ST106-SS-10616-240 collected on 10/06/2008 at 0928
		GOOD	GB		WELL GRADED FINE GRAIN SAND (SW), brown (7.5 YR 5/4), damp	VOC = 0.0 ppm 0935 making 240-260' connection
250		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 0946 @ 250'
260		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 0955 making 260-280' connection
270		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1017 @ 270' 2 feet clay layer at 271
280		GOOD	GB		SAME AS ABOVE but coarser grained with 3% gravel angular to rounded	VOC = 0.0 ppm 1022 @ 280'
290		GOOD	GB		WELL GRADED GRAVEL (GW), brown (7.5 YR 5/4), dry, angular to rounded	VOC = 0.0 ppm 1027 making 280-300' connection 1043 @ 290' 1047 @ 300'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10616	SHEET 6 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Near Short St.

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K Speedstar ARCH rig DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 484.55 bgs START : 10/04/2008 13:06 END : 10/09/2008 1122 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300		-	S.S.	--	POORLY GRADED GRAVEL (GP), large gravel to cobble size, rounded	
		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 5/4), damp, 25% gravel subangular to rounded clasts	VOC = 0.0 ppm 115 making 300-320 connection 1127 @ 310'
310		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp. 5% gravel subangular to rounded	VOC = 0.1 ppm
320		GOOD	GB		SAME AS ABOVE but coarse grained sand	VOC = 0.1 ppm 1131 @ 320' 1137 making 320-340' connection
330		GOOD	GB		POORLY GRADED GRAVEL (GP), large gravel subangular to rounded	VOC = 0.2 ppm 1151 making @ 330'
340		GOOD	GB		SAME AS ABOVE	VOC = 0.1 ppm 1200 @ 340' 1233 making 340-360 connection
350		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), subangular to rounded	VOC = 0.3 ppm 1253 @ 350' 1306 @ 360'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10616	SHEET 7 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Near Short St.

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K Speedstar ARCH rig DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 484.55 bgs START : 10/04/2008 13:06 END : 10/09/2008 1122 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6"6"6"	S.S.	9-18-27	WELL GRADED SAND (SW), brown (7.5 YR 5/4), 10% gravel, damp, subangular to rounded	VOC = 0.0 ppm Sample ID: ST106-SS-10616-360 collected on 10/06/2008 at 1340
		GOOD	GB		POORLY GRADED GRAVEL (GP), subangular to rounded	Sample ID: ST106-SS-10616-360DUP collected on 10/06/2008 at 1340 VOC = 0.1 ppm 1505 making 360-380 connection
370		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp	VOC = 0.1 ppm 1525 @ 370'
380		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 5/4), damp, gravel angular to subangular	VOC = 0.3 ppm 1530 @ 380' 1535 making 380-400 connection
390		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp, 10% gravel angular to subangular	VOC = 0.1 ppm 1541 @ 390'
400		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), dry	VOC = 0.1 ppm 1546 @ 400' 1600 making 400-420 connection
410		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 6/3), dry	VOC = 0.0 ppm 1617 @ 410'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10616	SHEET 8 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Near Short St.

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K Speedstar ARCH rig DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 484.55 bgs START : 10/04/2008 13:06 END : 10/09/2008 1122 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420		--	S.S.	50-51-x	POORLY GRADED GRAVEL (GP), small to cobble size stones (2 mm to 10 mm), subangular	VOC = 0.0 ppm, downhole VOC = 0.0 ppm Sample ID: ST106-SS-10616-420 collected on 10/07/2008 at 1525
			GB		WELL GRADED SAND (SW), brown (7.5 YR 6/4), dam	10/08/08 1045 making 420-440 connection
						VOC = 0.2 ppm
430			GB		SAME AS ABOVE	VOC = 0.4 ppm 1110 @ 430'
440			GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp, coarser grained than 430' sample	VOC = 0.4 ppm 1117 @ 440' 1124 making 440-460' connection
450			GB		SAME AS ABOVE	VOC = 0.2 ppm 1136 @ 450'
460			GB		SAME AS ABOVE but slightly finer grained	VOC = 0.1 ppm 1150 @ 460' 1159 making 460-480' connection
470			GB		WELL GRAINED SAND (SW), brown (7.5 YR 5/4), dry, coarse to fine grained	VOC = 1.2 ppm 1215 @ 470'
						1231 @ 480'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10616	SHEET 9 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Near Short St.

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : 50K Speedstar ARCH rig DRILLING CONTRACTOR : WDC Exploration & Wells / Jeff Burris

WATER LEVEL 484.55 bgs START : 10/04/2008 13:06 END : 10/09/2008 1122 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		6"0"0"	S.S.	13-23-32	WELL GRADED SAND (SW), brown (7.5 YR 5/2), damp, fine grained with 2% gravel	VOC = 0.1 ppm, downhole VOC = 1.9 ppm Sample ID: ST106-SS-10616-480 collected on 10/08/2008 at 1328
		POOR	GB		SAME AS ABOVE	
						VOC = 0.1 ppm
490		POOR	GB		SAME AS ABOVE except saturated	VOC = 0.0 ppm 1348 @ 490
500		POOR	GB		SAME AS ABOVE except dry, probably from blower	VOC = 0.0 ppm 1558 @ 500'
510			GB			VOC = 0.0 ppm 10/09 0840 making 500-520 connection 1000 @ 510'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10617	SHEET 1 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Field

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 488 7/12' START : 11/13/2008 10:50 END : 11/19/2008 1045 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0		GOOD	GB		WELL GRADED SAND (SW), brownish yellow (10 YR dry to damp, no plasticity, fine sand	VOC = 0.2 ppm
10		GOOD	GB		WELL GRADED SAND (SW), strong brown (7.5 YR 5/6), dry to damp, low plasticity, trace clay	VOC = 0.3 ppm
20		GOOD	GB		WELL GRADED SAND (SW), yellowish brown (10 YR 5/6) damp, low to medium plasticity, trace clay	VOC = 0.1 ppm 1128 Making 20-40' connection 1135 Drilling to 40'
30		GOOD	GB		POORLY GRADED SAND WITH CLAY (SP-SC), strong brown (7.5 YR 5/8), damp, medium plasticity	VOC = 0.0 ppm
40		GOOD	GB		POORLY GRADED SAND (SP), yellowish brown (10 YR 5/6), damp, low to medium plasticity, trace clay	VOC = 0.0 ppm 1210 Making 40-60' connection 1220 Drilling to 60'
50		GOOD	GB		POORLY GRADED SAND (SP), yellowish brown (10 YR 5/8), damp, medium plasticity, trace gravel	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10617	SHEET 2 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Field

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 488 7/12' START : 11/13/2008 10:50 END : 11/19/2008 1045 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		6"6"0"	S.S.	14-24-32	SAME AS ABOVE	VOC = 0.2 ppm Sample ID: ST106-SS-10617-60 collected on 11/13/2008 at 13:30
		GOOD	GB		POORLY GRADED SAND (SP), strong brown (7.5 YR damp, medium plasticity	1335 making 60-80' connection 1345 Drilling to 80' VOC = 0.2 ppm
70		GOOD	GB		WELL GRADED SAND (SW), brownish yellow (10 YR 6/6), dry to damp, no plasticity	VOC = 0.0 ppm
80		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1410 Making 80-100' connection 1420 Drilling to 100'. Hose is starting to clog.
90		GOOD	GB		POORLY GRADED SAND (SP), strong brown (7.5 YR 5/6), moist, low plasticity, trace weathered rock and clay	VOC = 0.0 ppm
100		FAIR	GB		SAME AS ABOVE	VOC = 0.0 ppm 1505 Making 100-120' connection 1515 Drilling to 120' 1545 Trip Blank labeled ST106TB10613112(1545 Hose clogged. Joe injecting water.
110		FAIR	GB		SAME AS ABOVE except strong brown (7.5 YR 5/8)	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10617	SHEET 3 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Field

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 488 7/12' START : 11/13/2008 10:50 END : 11/19/2008 1045 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		6"6"4"	S.S.	19-20-39	SANDY LEAN CLAY (CL), yellowish brown (10 YR 5/8) moist, medium plasticity	VOC = 0.0 ppm Sample ID: ST106-SS-10617-120 collected on 11/13/2008 at 1700
		FAIR	GB		SAME AS ABOVE	Sample ID: ST106-SS-10617-120DUP collected on 11/13/2008 at 1700 1710 Making 120-140' connection 10/14: 0720 Drilling to 140' VOC = 0.0 ppm
130					NO SAMPLE. CYCLONE CLOGGED.	0800 Cyclone clogged. 1010 Unclogged.
140		POOR	GB		SAME AS 121.5-130' SAMPLE. but wet from injected water.	VOC = 0.0 ppm 1030 Making 140-160' connection. 1040 Drilling to 160'.
150		FAIR	GB		SAME AS ABOVE	VOC = 0.0 ppm
160		FAIR	GB		SAME AS ABOVE	VOC = 0.0 ppm 1142 Making 160-180' connection 1213 Drilling to 180'
170		FAIR	GB		WELL GRADED SAND (SW), yellowish brown (10 YR 5/6), wet from injected water, coarse sand - no fines, trace gravel and twigs	VOC = 0.2 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10617	SHEET 4 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Field

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 488 7/12' START : 11/13/2008 10:50 END : 11/19/2008 1045 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180						Driller stopped injecting water 1310 Making 180-200' connection 1310 Drilling to 200'
		FAIR	GB		WELL GRADED SAND (SW), yellowish brown (10 YR wet, trace fines	VOC = 0.0 ppm
190		GOOD	GB		WELL GRADED SAND (SW), yellowish brown (10 YR 5/6), wet, trace gravel	VOC = 0.0 ppm
200		6"6"3"	SS	12-17-19	200-200.5: SAME AS ABOVE 200.5-201.5: LEAN CLAY (CL), yellowish brown (10 YF damp, medium to high plasticity	Sample ID: ST106-SS-10617-200 collected on 11/14/2008 at 1410 VOC = 0.4 ppm 1415 Tripping out Drill pipe 1430 Tripping in 9 5/8" Practice 5 foot split spoon - 2.5' recovery Lay
		GOOD	GB		WELL GRADED SAND (SW), yellowish brown (10 YR 5/6), moist, coarse grained, trace gravel and weathered rock	VOC = 0.0 ppm 11/15: 0940 Making 200-220' connection 0957 Drilling to 220'
210		GOOD	GB		SAME AS ABOVE but 5% gravel	VOC = 0.0 ppm
220		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), dry, loose	VOC = 0.0 ppm 1020 Making 220-240' connection 1030 Drilling to 240'
230		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), light brownish grey (10 YR 6/2), damp	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10617	SHEET 5 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Field

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Juan

WATER LEVEL 488 7/12' START : 11/13/2008 10:50 END : 11/19/2008 1045 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID) 11/15
240		6"4"0"	S.S.	40	WELL GRADED SAND WITH GRAVEL (SW), light brownish gray (10 YR 6/2), moist, coarse sand	VOC = 0.0 ppm Sample ID: ST106-SS-10617-240 collected on 11/15/2008 at 1050
		GOOD	GB		WELL GRADED SAND (SW), light brownish gray (10 YR 6/2), dry, fine to coarse sand	VOC = 0.0 ppm 1100 Making 240-260' connection 1120 Drilling to 260'
250		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), light brownish gray (10 YR 6/2), dry	VOC = 0.0 ppm
260		GOOD	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/4), dry, loose	VOC = 0.0 ppm 1130 Making 260-280' connection 1140 Drilling to 280'
270		GOOD	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/4), dry, loose, trace gravel	VOC = 0.0 ppm
280		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), pinkish gray (7.5 YR 7/2), dry, loose	VOC = 0.0 ppm 1200 Making 280-300' connection 1210 Drilling to 300'
290		GOOD	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/4), dry, loose	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10617	SHEET 6 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Short

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Juan

WATER LEVEL 488 7/12' START : 11/13/2008 10:50 END : 11/19/2008 1045 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300		6"4"0"	S.S.	8-10-15	WELL GRADED SAND WITH GRAVEL (SW), pale brown (10 YR 6/3), dry, loose, gravel up to 1"	VOC = 0.0 ppm Sample ID: ST106-SS-10617-300 collected on 11/15/2008 at 1250
		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), very pal brown (10 YR 7/4), dry, loose, gravel up to 2 inch	Downhole VOC = 0.0 ppm 1325 Making 300-320 connection 1340 Drilling to 320' VOC = 0.0 ppm
310		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), light brownish gray (10 YR 6/2), dry, loose, gravel vary in si from 1/4" to 2"	VOC = 0.0 ppm
320		GOOD	GB		WELL GRADED GRAVEL (GW), light brownish gray (10 YR 6/2), dry, loose, gravel up to 2.5"	VOC = 0.0 ppm 1410 Making 320-340' connection 1416 Drilling to 340'
330		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), yellowish brown (10 YR 5/4), damp, loose, coarse sand	VOC = 0.0 ppm
340		GOOD	GB		WELL GRADED SAND (SW), very pale brown (10 YR 7/4), dry, loose, fine to coarse sand, trace gravel	VOC = 0.0 ppm 1445 Making 340-360' connection 1455 Drilling to 360'
350		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), light yellowish brown (10 YR 6/4), dry, loose	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10617	SHEET 7 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Field

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Juan

WATER LEVEL 488 7/12' START : 11/13/2008 10:50 END : 11/19/2008 1045 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6"2"0"	S.S.	6-10-25	WELL GRADED SAND WITH GRAVEL (SW), very pale brown (10 YR 7/3), moist, loose, gravel up to 1"	VOC = 0.0 ppm Sample ID: ST106-SS-10617-360 collected on 11/15/2008 at 1520
		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), light yel brown (10 YR 6/4), damp, loose	1530 Making 360-380' conneciton 1540 Drilling to 380' VOC = 0.0 ppm
370		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm
380		GOOD	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/4), damp, loose, trace gravel	VOC = 0.0 ppm 1605 Making 380-400' connection 1623 Drilling to 400'
390		GOOD	GB		SAME AS ABOVE but 10% gravel	VOC = 0.0 ppm
400		GOOD	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/4), moist, coarse grained	VOC = 0.0 ppm 11/16 0740 Making 400-420' conneciton 0750 Drilling to 420'
410		GOOD	GB		SAME AS ABOVE trace gravel	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10617	SHEET 8 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Field

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Juan

WATER LEVEL 488 7/12' START : 11/13/2008 10:50 END : 11/19/2008 1045 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420		6"6"3"	S.S.	6-6-30	WELL GRADED SAND (SW), very pale brown (10 YR 7/3) damp	VOC = 0.1 ppm Sample ID: ST106-SS-10617-420 collected on 11/16/2008 at 0856
		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), pale bro (10 YR 6/3), damp to moist	Sample ID: ST106-SS-10617-420MS collected on 11/16/2008 at 0856 Sample ID: ST106-SS-10617-420SD collected on 11/16/2008 at 0856 0905 Making 420-440' conneciton 0915 Drilling to 440'
430		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm VOC = 0.0 ppm
440		GOOD	GB		WELL GRADED GRAVEL (GW), light yellowish brown (10 YR 6/4), damp, trace sand, varied color in rocks, sc gray and red rocks, size in gravel varies from very small to 1.5"	VOC = 0.0 ppm 0930 Making 440-460' conneciton 0943 Drilling to 460'
450		GOOD	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/4), moist, fine to coarse sand	VOC = 0.0 ppm
460		GOOD	GB		SAME AS ABOVE but trace clay	VOC = 0.0 ppm 1020 Making 460-480' conneciton 1030 Drilling to 480' 1100 Ear on hammer broke
470		GOOD	GB		WELL GRADED SAND (SW), very pale brown (10 YR 7/3), dry to damp, fine sand	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10617	SHEET 9 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Field

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Juan

WATER LEVEL 488 7/12' START : 11/13/2008 10:50 END : 11/19/2008 1045 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		6"2"0"	S.S.		WELL GRADED SAND WITH GRAVEL (SW), very pale brown (10 YR 7/3), dry, gravel up to 1.5"	VOC = 0.1 ppm Sample ID: ST106-SS-10617-480
482.5		GOOD	S.S.		482.5-484 8/12" - WELL GRADED SAND (SW), very pale brown (10 YR 7/3), moist, loose	collected on 11/16/2008 at 1150 VOC = 0.0 ppm
485		GOOD	S.S.		484 8/12" - 485 - WELL GRADED GRAVEL (GW) very pale brown (10 YR 7/3), moist	Sample ID: Core A collected on 11/17/2008 at 1114
		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), yellowish brown (10 YR 5/4), moist	VOC = 0.0 ppm
489		GOOD	S.S.		489-491.5-WELL GRADED SAND (SW), dark yellowish brow (10 YR 4/4), saturated	VOC = 0.0 ppm
490						Sample ID: Core B
491.5					491.5-493 - SAME AS ABOVE	collected on 11/17/2008 at 1630 Sample ID: Core C
493						collected on 11/17/2008 at 1620
		GOOD	GB		WELL GRADED GRAVEL (GW), yellowish brown (10 YR 5/4)	VOC = 0.0 ppm
494.8		GOOD	S.S.		WELL GRADED SAND (SW), yellowish brown (10 YR saturated	VOC = 0.0 ppm Sample ID: Core F
497						collected on 11/18/2008 at 1456
500		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), yellowish brown (10 YR 5/4), wet	VOC = 0.0 ppm
510		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm
515						End of hole at 515'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10618	SHEET 1 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Field next to VA Hospital

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 482.5' START : 11/22/2008 0850 END : 11/24/2008 1559 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0		GOOD	GB		WELL GRADED SILTY SAND (SM), brownish yellow (7.5 YR 4/4), dry, fine sand	VOC = 0.0 ppm
10		GOOD	GB		WELL GRADED SILTY SAND (SM), yellowish brown (10 YR 6/4), dry, fine sand	VOC = 0.0 ppm
20		GOOD	GB		WELL GRADED SANDY SILT (SW-SM), brownish yellow (7.5 YR 5/6), dry, fine sand	VOC = 0.0 ppm 0951 Making 20-40' connection
30		GOOD	GB		WELL GRADED SILTY SAND (SM), brownish yellow (7.5 YR 5/6), dry, fine sand	VOC = 0.0 ppm
40		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1111 Making 40-60' connection
50		GOOD	GB		WELL GRADED SAND WITH SILT (SW-SM), brownish yellow (7.5 YR 5/6), dry, fine to coarse grains, same as	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10618	SHEET 2 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Field next to VA Hospital

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 482.5' START : 11/22/2008 0850 END : 11/24/2008 1559 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		6"1"0"	S.S.	17-29-32	WELL GRADED CLAYEY SILT (ML), brown (7.5 YR 5/6), dry	VOC = 0.0 ppm Sample ID: ST106-SS-10618-60 collected on 11/22/2008 at 0850
		GOOD	GB		WELL GRADED SANDY SILT (SW-SM), reddish brown (7.5 YR 6/4), dry	VOC = 0.0 ppm 1208 Making 60-80' connection
70		GOOD	GB		WELL GRADED SILT WITH GRAVEL (ML), reddish brown (7.5 YR 5/6), 5 to 10% gravel, dry	VOC = 0.0 ppm
80		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1252 Making 80-100' connection
90		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm
						1347 Making 100-120' connection 1412 hammer broke-will replace 11/23
100		GOOD	GB		WELL GRADED SILT (ML), reddish brown (7.5 YR 5/6), damp	VOC = 0.0 ppm
110		GOOD	GB		WELL GRADED SAND (SW), light reddish brown (7.5 YR 6/2), dry, looks like beach sand, lots of quartz and plag grains	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10618	SHEET 3 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Field next to VA Hospital

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 482.5' START : 11/22/2008 0850 END : 11/24/2008 1559 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		6"6"2"	S.S.	12-14-21	WELL GRADED SAND (SW), light brown (7.5 YR 6/3), dry, approximately 5% gravel,	VOC = 0.0 ppm Sample ID: ST106-SS-10618-120 collected on 11/23/2008 at 0902
		GOOD	GB		WELL GRADED SILT (ML), reddish brown (7.5 YR 5/6 damp, same as 100-110'	0909 Making 120-140' connection
130		GOOD	GB		WELL GRADED SILT (ML), reddish yellowish brown (10 YR 5/6), damp	VOC = 0.0 ppm
140		GOOD	GB		WELL GRADED SAND (SW), light reddish brown (7.5 YR 6/3), dry, similar to 110-120'	VOC = 0.0 ppm 0955 Making 140-160' connection
150		GOOD	GB		WELL GRADED SAND (SW), light reddish brown (7.5 YR 6/4), dry, 5 to 10% gravel small subangular-rounded	VOC = 0.0 ppm
160		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/3), dry	VOC = 0.0 ppm 1035 Making 160-180' connection
170		GOOD	GB		SAME AS ABOVE but finer grained	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10618	SHEET 4 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Field next to VA Hospital

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 482.5' START : 11/22/2008 0850 11/24/2008 1559 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180		6"6"2"	S.S.	7-9	WELL GRADED SAND (SW), light brown (7.5 YR 6/4), 5 to 10% gravel, same as 150-160'	VOC = 0.0 ppm Sample ID: ST106-SS-10618-180 collected on 11/23/2008 at 1116
		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/3), dry, grained, same as 170-180'	1119 Making 180-200' connection
190		GOOD	GB		WELL GRADED SAND (SW), light brown (7.5 YR 7/3), dry, very fine grained, 5% gravel	VOC = 0.0 ppm
200		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp	VOC = 0.0 ppm 1428 Making 200-220' connection
210		GOOD	GB		SAME AS ABOVE with 5% gravel	VOC = 0.0 ppm
220		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 4/4), damp	VOC = 0.0 ppm 1442 Making 220-240' connection
230		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10618	SHEET 5 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Field next to VA Hospital

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 482.5' START : 11/22/2008 0850 END : 11/24/2008 1559 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240		6"0"0"	S.S.	7-14-22	WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp, 15% gravel rounded to subangular	VOC = 0.0 ppm Sample ID: ST106-SS-10618-240 collected on 11/23/2008 at 1508
		GOOD	GB		SAME AS ABOVE but no gravel	1513 Making 240-260' connection
250		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm
260		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/6), damp	VOC = 0.0 ppm 1526 Making 260-280' connection
270		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 4/3), damp	VOC = 0.0 ppm 2 feet clay layer at 271
280		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1548 Making 280-300' connection
290		GOOD	GB		WELL GRADED GRAVELY SAND (SW), brown (7.5 YR 4/3), damp, 25% gravel	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10618	SHEET 6 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Field next to VA Hospital

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 482.5' START : 11/22/2008 0850 END : 11/24/2008 1559 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300		6"6"0"	S.S.	27-50	WELL GRADED GRAVELY SAND (SW), brown (7.5 YR 4/3), dry, 35% gravle	VOC = 0.0 ppm Sample ID: ST106-SS-10618-300 collected on 11/23/2008 at 1615
		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), brown (7.5 YR 4/3), damp, 30% sand	Sample ID: ST106-SS-10618-300DUP collected on 11/23/2008 at 1615 1620 Making 300-320' connection
310		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm
320		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp, 5% gravel	VOC = 0.0 ppm 1641 making 320-340' connection
330		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 5/4), damp, 25% gravel	VOC = 0.0 ppm
340		GOOD	GB		SAME AS ABOVE but 15% gravel	VOC = 0.0 ppm 1656 making 340-360 connection
350		GOOD	GB		SAME AS ABOVE but 25% gravel like 330-340'	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10618	SHEET 7 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Field next to VA Hospital

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 482.5' START : 11/22/2008 0850 END : 11/24/2008 1559 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6"6"6"	S.S.	12-17-22	WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp, 25% gravel	VOC = 0.0 ppm Sample ID: ST106-SS-10618-360 collected on 11/23/2008 at 1722
		GOOD	GB		WELL GRADED SAND (SW), light brown (7.5 YR 5/4), no gravel	11/24 0730 making 360-380 connection
370		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp, 20% gravel	VOC = 0.0 ppm
380		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp, no gravel	VOC = 0.0 ppm 0811 making 380-400 connection
390		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm
400		GOOD	GB		SAME AS ABOVE - slightly coarser	VOC = 0.0 ppm 0901 making 400-420 connection
410		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), damp, 20% gravel like 370-380'	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10618	SHEET 8 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Field next to VA Hospital

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 482.5' START : 11/22/2008 0850 END : 11/24/2008 1559 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420		6"0"0"	S.S.	12-17-22	WELL GRADED SAND (SW), brown (7.5 YR 5/4), dry, 20% gravel like 410-420'	VOC = 0.0 ppm Sample ID: ST106-SS-10618-420 collected on 11/24/2008 at 0918
		GOOD	GB		SAME AS ABOVE with 30% gravel	0924 making 420-440 connection
430		GOOD	GB		SAME AS ABOVE with 15% gravel	VOC = 0.0 ppm 0947 hammer broke 1033 fixed ahmmer
440		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), dry, no gravel	VOC = 0.0 ppm 1052 making 440-460' connection
450		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm
460		GOOD	GB		SAME AS ABOVE but damp	VOC = 0.0 ppm 1118 making 460-480' connection
470		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), brown (7.5 YR 5/4), damp, 40% gravel	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10618	SHEET 9 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : Field next to VA Hospital

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 482.5' START : 11/22/2008 0850 END : 11/24/2008 1559 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		6"6"0"	S.S.	1-7-13	WELL GRADED SILTY GRAVELY SAND (SW-SC), brown (7.5 YR 5/4), moist, 30% silt, 20% gravel	VOC = 0.8 ppm Sample ID: ST106-SS-10618-480 collected on 11/24/2008 at 1155
		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), moi slight odor	Sample ST106TB10611242008 collected 1200 Making 480-500' connection
490		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), moist definite odor, 25% gravel	VOC = 0.9 ppm
500		GOOD	GB		WELL GRADED SAND (SW), brown (7.5 YR 5/4), saturated, odor, 15% gravel	VOC = 1.3 ppm 1252 Making 500-520' connection
510						

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10619	SHEET 1 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : North of Bullhead Playground

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 500.3' START : 12/04/2008 1300 END : 12/09/2008 1130 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), light yellowish brown (10 YR 6/4), damp to moist, loose	VOC = 0.2 ppm 1311 at 10'
10		GOOD	GB		WELL GRADED SAND (SW), strong brown (10 YR 5/6), damp, fine sand	VOC = 0.3 ppm 1318 at 20' 1318 Making 20-40' connection 1326 Drilling to 40'
20		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1334 at 30'
30		GOOD	GB		SAME AS ABOVE	VOC = 0.5 ppm 1346 at 40' 1353 Making 40-60' connection 1402 Drilling to 60'
40		GOOD	GB		WELL GRADED SAND (SW), light brown (7.5 YR 6/4), dry, fine sand	VOC = 0.4 ppm 1408 at 50'
50		GOOD	GB		WELL GRADED SAND (SW), strong brown (7.5 YR 5/6), dry to damp, trace gravel, fine sand	VOC = 0.2 ppm 1429 at 60'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10619	SHEET 2 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : North of Bullhead Playground

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 500.3' START : 12/04/2008 1300 END : 12/09/2008 1130 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		6"1"0"	S.S.	22-50	WELL GRADED SAND WITH CLAY (SW-SC), strong brown (7.5 YR 5/6), dry, low plasticity, hard, trace gravel	VOC = 0.0 ppm Sample ID: ST106-SS-10619-60 collected on 12/04/2008 at 1445
		GOOD	GB		WELL GRADED SAND (SW), strong brown (7.5 YR 5/6 damp to moist	VOC = 0.0 ppm 1450 Making 60-80' connection 1500 Drilling to 80'
70		GOOD	GB		SAME AS ABOVE but trace gravel and only damp	VOC = 0.0 ppm 1516 at 70'
80		GOOD	GB		SAME AS ABOVE but no gravel	VOC = 0.0 ppm 1527 at 80' 1529 Making 80-100' connection 1535 Drilling to 100'
90		GOOD	GB		WELL GRADED SAND (SW), reddish yellow (7.5 YR 6/6), dry	VOC = 0.0 ppm 1545 at 90'
100		GOOD	GB		WELL GRADED SAND (SW), strong brown (7.5 YR 5/8), damp to moist	VOC = 0.5 ppm 1600 at 100' 1608 Making 100-120' connection 1611 Drilling to 120' 1614 Labeled Trip Blank ST106-TB-106-04122008
110		GOOD	GB		SAME AS ABOVE but color strong brown (7.5 YR 5/6)	VOC = 0.0 ppm 1637 at 120'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10619	SHEET 3 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : North of Bullhead Playground

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 500.3' START : 12/04/2008 1300 END : 12/09/2008 1130 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		6"6"1"	S.S.	12-17-19	SANDY LEAN CLAY (CL), reddish yellow (7.5 YR 6/6), dry to damp	VOC = 0.1 ppm Sample ID: ST106-SS-10619-120 collected on 12/04/2008 at 1645
		POOR	GB		WELL GRADED SAND (SW), strong brown (7.5 YR 5/6 dry, loose	Sample ID: ST106-SS-10619-120DUP collected on 12/04/2008 at 1645 12/05: VOC = 0.1 ppm 0730 Drilling to 140' 0800 at 130'
130		FAIR	GB		POORLY GRADED SAND (SP), brownish yellow (10 YR 6/6), dry, fine sand	VOC = 0.0 ppm
						0828 at 140' 0936 Making 140-160' connection 0950 Drilling to 160'
140		GOOD	GB		SAME AS ABOVE but trace gravel	VOC = 0.2 ppm
						1004 at 150'
150		GOOD	GB		SAME AS ABOVE but color 10 YR 5/6	VOC = 0.0 ppm
160		GOOD	GB		WELL GRADED SAND (SW), brownish yellow (10 YR 6/6), damp, trace gravel	VOC = 0.0 ppm 1020 at 160' 1030 Making 160-180' connection 1035 Drilling to 180'
170		GOOD	GB		WELL GRADED SAND (SW), very pale brown (10 YR 7/3), fine to coarse sand	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10619	SHEET 4 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : North of Bullhead Playground

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 500.3' START : 12/04/2008 1300 END : 12/09/2008 1130 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180		6"3"0"	S.S.	17-19-22	WELL GRADED SAND WITH GRAVEL (SW), pale brown (10 YR 6/3), dry except damp last 3", trace clay	VOC = 0.0 ppm Sample ID: ST106-SS-10619-180 collected on 12/05/2008 at 1130
		GOOD	GB		SAME AS ABOVE except damp to moist	VOC = 2.0 ppm 1135 Making 180-200' connection 1145 Drilling to 200'
190		GOOD	GB		SAME AS ABOVE	VOC = 0.2 ppm
200		GOOD	GB		POORLY GRADED SAND (SP), pale brown (10 YR 6/3), dry to damp	VOC = 0.0 ppm 1215 at 200' 1229 Making 200-220' connection 1235 Drilling to 220'
210		GOOD	GB		SAME AS ABOVE	VOC = 0.8 ppm
220		GOOD	GB		SAME AS 180 SS	VOC = 0.0 ppm 1300 at 220' 1308 Making 220-240' connection 1314 Drilling to 240'
230		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), grayish brown (10 YR 5/2), dry, gravel up to 1/2"	VOC = 0.0 ppm 1331 at 230' 1345 at 240'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10619	SHEET 5 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : North of Bullhead Playground

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 500.3' START : 12/04/2008 1300 END : 12/09/2008 1130 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240		6"0"0"	S.S.	17-19-27	WELL GRADED GRAVEL (GW), very pale brown (10 YR 7/3 dry, gravel up to 3/4"	VOC = 0.0 ppm Sample ID: ST106-SS-10619-240 collected on 12/05/2008 at 1420
		GOOD	GB		WELL GRADED SAND (SW), very pale brown (10 YR dry, 5% small gravel	VOC = 0.4 ppm 1425 Making 240-260' connection 1435 Drilling to 260'
250		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), light brown (7.5 YR 6/4), damp, fine to coarse sand, gravel up to 1/	VOC = 0.0 ppm 1455 Equipment Blank ST106EB10619-300
260		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), very pale brown (10 YR 7/3), dry, fine to coarse sand, gravel is very small	VOC = 0.0 ppm 1515 Making 260-280' connection 1605 Drilling to 280'
270		GOOD	GB		SAME AS ABOVE but gravel slightly bigger	VOC = 0.0 ppm 1618 at 270' 1625 TB labeled ST106TB10605122008
280		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), moist, loose	VOC = 0.0 ppm 1640 at 280' 1644 Making 280-300' connection 1650 Drilling to 300'
290		GOOD	GB		SAME AS 260-270	VOC = 0.0 ppm 1707 at 290' 1730 at 300'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10619	SHEET 6 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : North of Bullhead Playground

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 500.3' START : 12/04/2008 1300 END : 12/09/2008 1130 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300		6"0"0"	S.S.	100	WELL GRADED SAND WITH GRAVEL (SW), light gray (10 YR 7/2), dry, very loose and lots of fines	VOC = 0.0 ppm Sample ID: ST106-SS-10619-300 collected on 12/06/2008 at 1100
		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), dry, trace gravel	1200 at 310' VOC = 0.0 ppm
310		GOOD	GB		WELL GRADED SAND (SW), very pale brown (10 YR 7/3) dry, fine to coarse sand, trace gravel	VOC = 0.0 ppm
320		GOOD	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/4), damp to moist, trace gravel	VOC = 0.0 ppm 12/07: 0817 at 330'
330		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), pinkish gray (7.5 YR 6/2), dry	VOC = 0.0 ppm
340		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), brown (7.5 YR 5/3), moist, coarse sand	VOC = 0.0 ppm 0830 at 340' 0832 Making 340-360' connection 0840 Drilling to 360'
350		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), very pale brown (10 YR 7/3), dry	VOC = 0.0 ppm 0845 at 350' 0849 at 360'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10619	SHEET 7 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : North of Bullhead Playground

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 500.3' START : 12/04/2008 1300 END : 12/09/2008 1130 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6"3"0"	S.S.	27-50	WELL GRADED SAND WITH GRAVEL (SW), very pale brown (10 YR 7/3), dry to damp, fine sand, gravel up tc pink staining	VOC = 0.2 ppm Sample ID: ST106-SS-10619-360 collected on 12/07/2008 at 0855
		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), pale bro (10 YR 6/3), dry, fine to coarse sand	VOC = 0.0 ppm 0905 Making 360-380' connection 12/08: 1425 Drilling to 380'
370		GOOD	GB		SAME AS ABOVE but moist	VOC = 0.1 ppm
380		GOOD	GB		WELL GRAVEL WITH SAND (GW), pale brown (10 YR 6/3), moist, gravel very small	VOC = 0.0 ppm 1435 Making 380-400' connection 1440 Drilling to 400'
390		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), pale brown (10 YR 6/3), damp, larger pieces of gravel	VOC = 0.0 ppm
400		GOOD	GB		WELL GRADED GRAVEL (GW), light yellowish brown (10 YR 6/4), dry, 5% sand fine to coarse	VOC = 0.0 ppm 1452 Making 400-420' connection 1458 Drilling to 420'
410		GOOD	GB		WELL GRADED SAND (SW), very pale brown (10 YR 7/3), dry, trace gravel	VOC = 0.0 ppm 1507 at 420'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10619	SHEET 8 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : North of Bullhead Playground

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 500.3' START : 12/04/2008 1300 END : 12/09/2008 1130 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420		6"6"3"	S.S.	50-100	WELL GRADED SAND (SW), light gray (10 YR 7/2), dry	VOC = 0.0 ppm Sample ID: ST106-SS-10619-420 collected on 12/08/2008 at 1600
		GOOD	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3), damp, trace gravel	Sample ID: ST106-SS-10619-420MS collected on 12/08/2008 at 1600 Sample ID: ST106-SS-10619-420SD collected on 12/08/2008 at 1600 VOC = 0.0 ppm 1619 Making 420-440' connection 1625 Drilling to 440'
430		GOOD	GB		WELL GRADED SAND (SW), light gray (10 YR 7/2), moist, coarse sand	VOC = 0.0 ppm
440		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), pale brown (10 YR 6/3), moist, gravel color from pink to black	VOC = 0.0 ppm 1633 Making 440-460' connection 1638 Drilling to 460'
450		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), pale brown (10 YR 6/3), moist, larger gravel	VOC = 0.0 ppm
460		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), pale brown (10 YR 6/3), moist	VOC = 0.0 ppm 1650 Making 460-480' connection 1656 Drilling to 480'
470		GOOD	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/4), moist, trace gravel	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10619	SHEET 9 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : North of Bullhead Playground

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL 500.3' START : 12/04/2008 1300 END : 12/09/2008 1130 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		5"0"0"	S.S.	50	WELL GRADED SAND WITH GRAVEL (SW), light yellowish brown (10 YR 6/4), moist	VOC = 0.0 ppm Sample ID: ST106-SS-10619-480 collected on 12/08/2008 at 1720
		GOOD	GB		SAME AS ABOVE	1725 Making 480-500' connection 1730 Drilling to 500' VOC = 0.0 ppm
490		GOOD	GB		SAME AS ABOVE but finer sand, larger gravel	VOC = 0.0 ppm
500		GOOD	GB		WELL GRADED GRAVEL WITH SAND (SW), yellowish brown (10 YR 5/4), moist	VOC = 0.0 ppm 1745 Making 500-520' connection 1740 Drilling to 520'
510		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), yeloowis brown (10 YR 5/4), moist	VOC = 0.0 ppm
520		GOOD	GB		SAME AS ABOVE but saturated	VOC = 0.0 ppm
525						

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10620	SHEET 1 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Hospital Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL : START : 12/12/08 13:30 END : 12/19/08 1555 LOGGER : T. Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0		GOOD	GB		POORLY GRADED SANDY SILT (ML-SP), reddish brc (7.5 YR 4/6), damp, low plasticity, little sand ~15%	VOC = 0.0 ppm
10		GOOD	GB		SILT (ML), reddish brown (5 YR 4/6), damp, low plasticity, trace sand, <5%	VOC = 0.0 ppm
20		GOOD	GB		SAME AS ABOVE except 7.5 YR 4/6	VOC = 0.0 ppm 1334 at 30'
30		GOOD	GB		SILT (ML), light brown (7.5 YR 5/6), dry, low plasticity	VOC = 0.0 ppm
40		GOOD	GB		SAME AS 30-40 SILT (ML), reddish brown (7.5 YR 4/6), damp, low plas trace sand	VOC = 0.0 ppm
50		GOOD	GB		WELL GRADED SANDY SILT (ML-SW), brown (7.5 YR 4/6), damp, low plasticity, ~20% sand, fine to coarse grained	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10620	SHEET 2 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Hospital Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL : START : 12/12/08 13:30 END : 12/19/08 1555 LOGGER : T. Arrowood and K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		6"0"0"	S.S.	3-7-9	CLAYEY SILT (ML-CL), brown (7.5 YR 4/6), damp, medium plasticity, ~20% clay, no sand	VOC = 0.0 ppm Sample ID: ST106-SS-10620-60 collected on 12/12/2008 at 1517
		GOOD	GB		SAME AS 40-50 SILT (ML), reddish brown (7.5 YR 4/6) damp, low plasticity, no sand	VOC = 0.0 ppm
70		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1542 hose clogged 1628 hose unclogged
80		FAIR	GB		SAME AS ABOVE but trace gravel	12/13/2008 VOC = 0.0 ppm 0732 Drilling to 100 0751 at 90'
90		POOR	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/4), damp, fine to coarse grained, nonplastic, loose	12/17/2008 VOC = 01.2 ppm 1440 Making 100 to 120' connection 1445 Drilling to 120'
100		FAIR	GB		LEAN CLAY WITH SAND (CL), pink (7.5 YR 7/4), wet from injected water, fine sand, medium plasticity, cohesive, trace gravel, soft	1458 At 110' VOC = 0.0 ppm
110		FAIR	GB		SANDY LEAN CLAY (CL), pink (7.5 YR 7/4), fine sand, low plasticity, very soft	VOC = 0.0 ppm 1515 at 120'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10620	SHEET 3 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Hospital Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL : START : 12/12/08 13:30 END : 12/19/08 1555 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		6"6"6"	S.S.	50	FAT CLAY (CH), light brown (7.5 YR 6/3), high plasticity, dry, very stiff to hard, slight black staining	VOC = 0.0 ppm Sample ID: ST106-SS-10620-120 collected on 12/17/2008 at 1530
		FAIR	GB		SAME AS 100-110'	Sample ID: ST106-SS-10620-120MS collected on 12/17/2008 at 1530 Sample ID: ST106-SS-10620-120SD collected on 12/17/2008 at 1530 VOC = 0.8 ppm 1540 Making 120-140' connection 1545 Drilling to 140'
130		POOR	GB		SAME AS 110-120'	VOC = 1.0 ppm 1600 at 130' 1615 at 140' 1630 Making 140-160' connection 1638 Drilling to 160'
140					No recovery out of cyclone	
150		POOR	GB		WELL GRADED GRAVEL WITH CLAY (GW-GC), pink (7.5 YR 7/4), wet from injected water, loose, low plastic	VOC = 0.2 ppm
160		POOR	GB		WELL GRADED GRAVEL (GW), light brownish gray (10 YR 6/2), moist, nonplastic, loose, trace clay residue gravel up to 1/2"	VOC = 0.3 ppm 1730 at 160'
170		FAIR	GB		POORLY GRADED SAND (SP), mix of 10 YR 7/3 very pale brown and 10 YR 6/3 pale brown, damp to moist, coars grained, nonplastic, trace gravel, loose	VOC = 0.6 ppm 12/18/2008 0805 at 170' 0826 at 180'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10620	SHEET 4 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Hospital Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL : START : 12/12/08 13:30 END : 12/19/08 1555 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180		6"0"0"	S.S.	50	WELL GRADED SAND (SW), very pale brown (10 YR 7/3), dry to damp, coarse grained, nonplastic, trace gravel	VOC = 0.0 ppm Sample ID: ST106-SS-10620-180 collected on 12/18/2008 at 0835
		FAIR	GB		SAME AS ABOVE but 10 YR 6/3 pale brown	VOC = 0.0 ppm 0837 Making 180-200' connection 0845 Drilling to 200'
190		FAIR	GB		WELL GRADED SAND (SW), light gray (10 YR 7/2), dry, fine to coarse grained, nonplastic, trace gravel, loose	VOC = 0.0 ppm 0900 at 190'
200					No recovery no sample	VOC = 0.0 ppm 0926 at 200' 0929 Making 200-220' connection 0939 Drilling to 220'
210		POOR	GB		WELL GRADED GRAVEL WITH SAND (GW), pale brown (10 YR 6/3), damp, nonplastic, fine sand, loose	0955 at 210'
220		POOR	GB		SAME AS ABOVE, but wet from rain, trace clay residue	VOC = 0.2 ppm 1015 at 220' 1017 Making 220-240' connection 1023 Drilling to 240'
230		POOR	GB		WELL GRADED GRAVEL (GW), light gray, dark gray, red, and yellow stones, dry, nonplastic, loose	1040 at 230' 1115 at 240'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10620	SHEET 5 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Hospital Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL : START : 12/12/08 13:30 END : 12/19/08 1555 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240			S.S.	50	WELL GRADED GRAVEL (GW), light gray and dark gray stones, dry, nonplastic, trace fine sand	VOC = 0.0 ppm Sample ID: ST106-SS-10620-240 collected on 12/18/2008 at 1520
		FAIR	GB		WELL GRADED SAND (SW), very pale brown, damp, nonplastic, loose	VOC = 0.0 ppm 1530 Making 240-260' connection 1548 Drilling to 260'
250		FAIR	GB		SAME AS ABOVE but color 10 YR 6/3 pale brown	VOC = 0.0 ppm 1550 at 250'
260		GOOD	GB		SAME AS ABOVE but moist and trace gravel	1600 at 260' VOC = 0.0 ppm 1600 Making 260-280' connection 1610 Drilling to 280'
270		GOOD	GB		WELL GRADED SAND(SW), very pale brown (10 YR 8/4), fine grained, dry, nonplastic, loose	VOC = 0.0 ppm 1617 at 270'
280		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), light gray, dry, fine to coarse grained, nonplastic, loose	VOC = 0.0 ppm 1635 at 280' 1637 Making 280-300' connection 1645 Drilling to 300'
290		FAIR	GB		SAME AS ABOVE but color 10 YR 7/3 very pale brown	VOC = 0.0 ppm 1650 at 290' 1705 at 300'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10620	SHEET 6 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Hospital Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL : START : 12/12/08 13:30 END : 12/19/08 1555 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300		6"0"0"	S.S.	50	SAME AS ABOVE	VOC = 0.0 ppm Sample ID: ST106-SS-10620-300 collected on 12/18/2008 at 1710
		FAIR	GB		WELL GRADED GRAVEL (GW), gray and red stones, dry, gravel from 1/8 to 1", no fines, nonplastic, loose	1715 Making 300-320' connection 1735 at 310'
310		FAIR	GB		SAME AS ABOVE	
320		FAIR	GB		WELL GRADED SAND (SW), pale brown (10 YR 6/3) damp, coarse grained, nonplastic, trace gravel, loose	1800 at 320' 12/19/2008 0720 Making 320-340' connection 0730 Drilling to 340' 0745 at 330'
330		FAIR	GB		SAME AS ABOVE except fine to coarse grained and no gravel	VOC = 0.0 ppm
340		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), pale brown (10 YR 6/3), dry, sand fine to coarse grained, nonplastic, loose, gravel up to 1/2"	VOC = 0.0 ppm 0755 at 340' 0800 Making 340-360' connection 0807 Drilling to 360' 0815 at 350'
350		GOOD	GB		WELL GRADED GRAVEL (GW), dry, gravel from 1/8" to 1", trace fine sand, gray and red stones, nonplastic, loose	VOC = 0.0 ppm 0824 at 360'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10620	SHEET 7 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Hospital Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL : START : 12/12/08 13:30 END : 12/19/08 1555 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6"0"0"	S.S.	50	360-360 4/12" - WELL GRADED SAND (SW), coarse grainec moist, nonplastic, loose	VOC = 0.0 ppm Sample ID: ST106-SS-10620-360 collected on 12/19/2008 at 0900
		FAIR	GB		360 4/12 - 360.5 - GRAVEL (GW), gray stones WELL GRADED SAND (SW), brown (10 YR 5/3), dam moist, nonplastic, loose, trace gravel, fine to coarse graines	VOC = 0.0 ppm 0905 Making 360-380' connection 0915 Drilling to 380' 0925 At 370'
370		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), sand is yellowish brown (10 YR 5/4), orange, gray, red, black, green stones, damp, loose, nonplastic	VOC = 0.0 ppm 0930 at 380'
380		FAIR	GB		WELL GRADED SAND (SW), light yellowish brown (10 YR 6/4), damp, 5% gravel, loose, nonplastic, fine to coarse sand	0940 Making 380-400' connection 0950 Drilling to 400' 0956 at 390'
390		GOOD	GB		WELL GRADED SAND(SW), yellowish brown (10 YR 5/4), moist, loose, coarse grained, 5% gravel, nonplastic	VOC = 0.0 ppm 1002 at 400'
400		FAIR	GB		SAME AS ABOVE	VOC = 0.0 ppm 1005 Making 400-420' connection 1012 Drilling to 420' 1020 at 410'
410		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), yellowish brown (10 YR 5/4), moist, loose, gravel is red, gray, bla stones, coarse grained, nonplastic	VOC = 0.0 ppm 1025 at 420'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10620	SHEET 8 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Hospital Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL : START : 12/12/08 13:30 END : 12/19/08 1555 LOGGER : T. Arrowwood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420		6"2"0"	S.S.		420-420.5 - SAME AS ABOVE 420.5-420 8/12" - SANDY LEAN CLAY (CL), pale brow (10 YR 6/4), moist, medium plasticity	VOC = 0.0 ppm Sample ID: ST106-SS-10620-420 collected on 12/19/2008 at 1035
		GOOD	GB		SAME AS 410-420'	Sample ID: ST106-SS-10620-420DUP collected on 12/19/2008 at 1045 VOC= 0.0 ppm 1045 Making 420-440' connection 1100 Drilling to 440'
430		GOOD	GB		SAME AS ABOVE	VOC = 0.0 ppm 1107 at 430'
440		GOOD	GB		WELL GRADED SAND WITH GRAVEL (SW), light yellowish brown (10 YR 6/4), damp, fine to coarse sanc loose, nonplastic, red, black and gray stones	VOC = 0.0 ppm 1115 at 440' 1123 Making 440-460' connection 1130 Drilling to 460'
450		GOOD	GB		WELL GRADED SAND (SW), very pale brown (10 YR 7/3), dry, loose, fine to coarse, nonplastic	VOC = 0.0 ppm 1136 at 450'
460		GOOD	GB		SAME AS ABOVE but trace gravel	1140 at 460' VOC = 0.0 ppm 1150 Making 460-480' connection 1225 Drilling to 480'
470		GOOD	GB		WELL GRADED GRAVEL WITH SAND (GW), light yellowish brown (10 YR 6/4), gray, red, clear stones, coarse sanc dry, nonplastic, loose	VOC = 0.0 ppm 1230 at 470' 1240 at 480'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10620	SHEET 9 OF 9

SOIL BORING LOG

PROJECT : ST106 TO313 LOCATION : VA Hospital Parking Lot

ELEVATION : COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : ARCH 30K Pullstar Rig DRILLING CONTRACTOR : WDC Exploration & Wells / Joe Villegas

WATER LEVEL : START : 12/12/08 13:30 END : 12/19/08 1555 LOGGER : K. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		1/2"0"0"	S.S.	50-75-150	VERY HARD ROCK, very pale brown (10 YR 8/2)	VOC = 0.0 ppm Sample ID: ST106-SS-10620-480 collected on 12/19/2008 at 1255
		POOR	GB		WELL GRADED SAND (SW), and weathered rock, sar 10 YR 6/4 and rock is 10 YR 8/2, dry, very loose, nonplastic	1415 Making 480-500' connection 1418 Drilling to 500' VOC = 0.0 ppm
						1430 at 490'
490		FAIR	GB		WELL GRADED SAND (SW), yellowish brown (10 YR 5/4), moist to wet, coarse grained, trace gravel, nonpla loose	VOC = 0.0 ppm
						1500 at 500'
500		FAIR	GB		SAME AS ABOVE but wet	VOC = 0.0 ppm 1507 Making 500-520' connection 1526 Drilling to 520'
510		FAIR	GB		SAME AS ABOVE but no gravel	VOC = 0.0 ppm
515			GB		SAME AS ABOVE but saturated	VOC = 0.0 ppm
						Done drilling at 1555 at 520'
525						

	PROJECT NUMBER	WELL NUMBER	
CH2MHILL	TO 313 - 376920	**KAFB-10611**	SHEET 1 OF 1

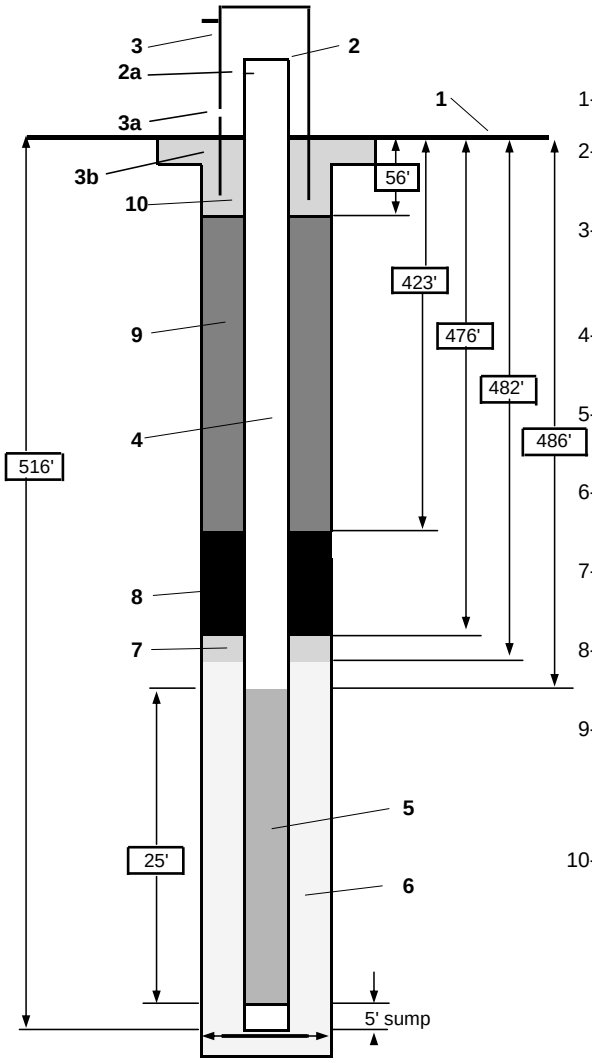
WELL COMPLETION DIAGRAM

PROJECT : KAFB Bulk Fuels Facility — LOCATION : Randolf, West of Super Saber Rd

DRILLING CONTRACTOR : WDC Exploration & Wells; COORDINATES : 1542812.82 ft E 1474019.83 ft N (NAD 83 NM central)

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 1 DRILLER: Jeff Burris

WATER LEVEL : 496 ft bgs — START : 9/20/2008 — END : 9/23/2008 — LOGGER : C. Dougherty



1- Ground elevation at well	5350.2 ft msl (NADV88)
2- Top of casing elevation	5353.03 ft msl (NADV88)
a) vent hole?	no
3- Wellhead protection cover type	8" dia. steel riser pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
a) sump	5' stainles sump below well screen
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness installed	34' of screen filter, 57 bags 10/20 sand
7- Transition sand	20/40 Colorado Silica Sand
a) thickness installed	6' transition sand, 3 bags 20/40 bags
8- Type of seal	hydrated bentonite chips
b) thickness installed	53' seal, 30 bags chips
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness installed	367' feet of grout
10- Cement	
a) Cement mix used	portland cement
b) thickness installed	56' cement, (from ground surface to 56' bgs)
Development method	bali, swab, bail, pump
Estimated purge volume	See development log

CH2MHILL	PROJECT NUMBER	WELL NUMBER KAFB-10612 SHEET 1 OF 1

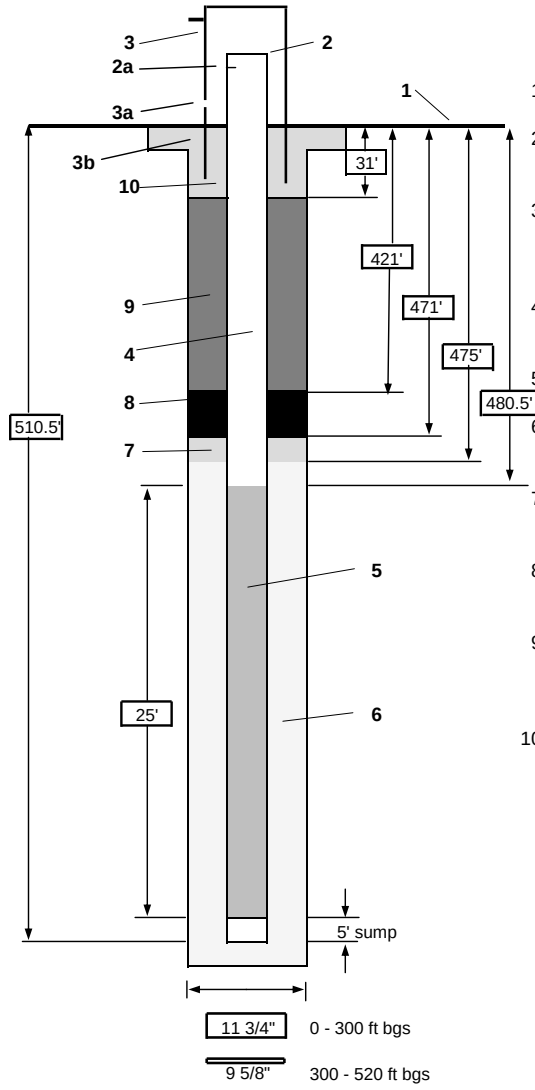
ESTIMATED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility — LOCATION : Randolph west of Fuels Dr.

DRILLING CONTRACTOR : WDC Exploration & Wells — COORDINATES : 1541489.48 ft E 1474039.81 ft N (NAD 83 NM central)

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K

WATER LEVEL : 488' bgs — START : 9/11/2008 — END : 9/18/2008 — LOGGER : C. Dougherty



1- Ground elevation at well	5342.5 ft msl (NAVD88)
2- Top of casing elevation	5345.27 ft msl (NAVD88)
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	42 bags
7- Transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	3 bags
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	50 feet
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness to be installed	391'
10- Cement	
a) Cement mix used	portland cement grout
b) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump
Estimated purge volume	See development log
Development time	See development log
Comments	

Not to scale

CH2MHILL	PROJECT NUMBER	WELL NUMBER KAFB-10613 SHEET 1 OF 1

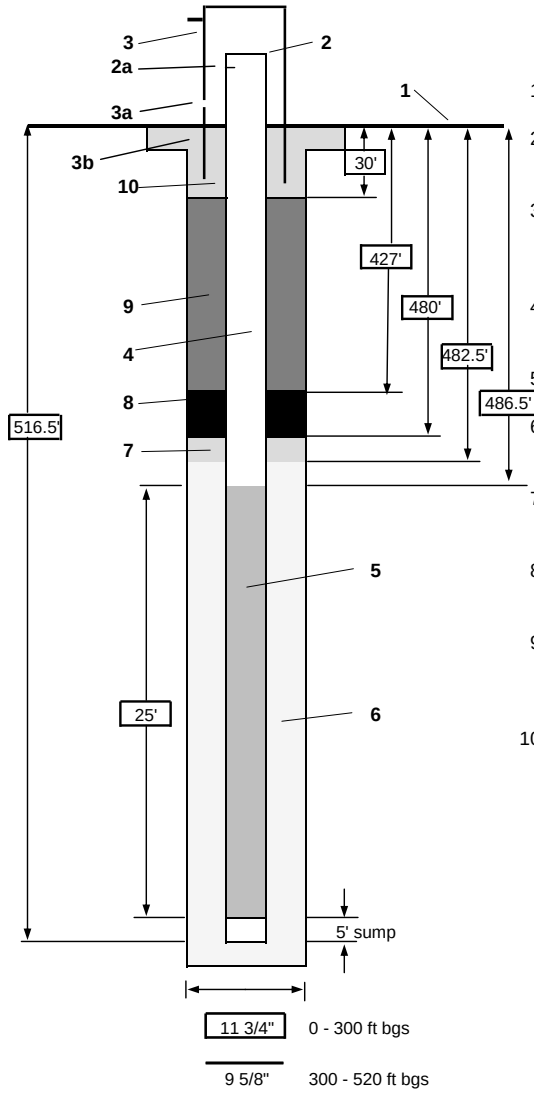
ESTIMATED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility — LOCATION : VA Parking Lot

DRILLING CONTRACTOR : WDC Exploration & Wells — COORDINATES : 1541681.32 ft E 1474735.31 ft N (NAD 83 NM central)

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K

WATER LEVEL : 495.9' — START : 9/23/2008 — END : 9/25/2008 — LOGGER : K. Mouzakis



1- Ground elevation at well	5347.7 ft msl (NADV88)
2- Top of casing elevation	5350.45 ft msl (NADV88)
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	32 bags - 4' above screen
7- Transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	3 bags - 2.5'
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	53'
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness to be installed	397'
10- Cement	
a) Cement mix used	portland cement grout
b) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump
Estimated purge volume	bali, swab, bail, pump
Development time	See development log

Comments

Not to scale

CH2MHILL	PROJECT NUMBER	WELL NUMBER KAFB-10614 SHEET 1 OF 1

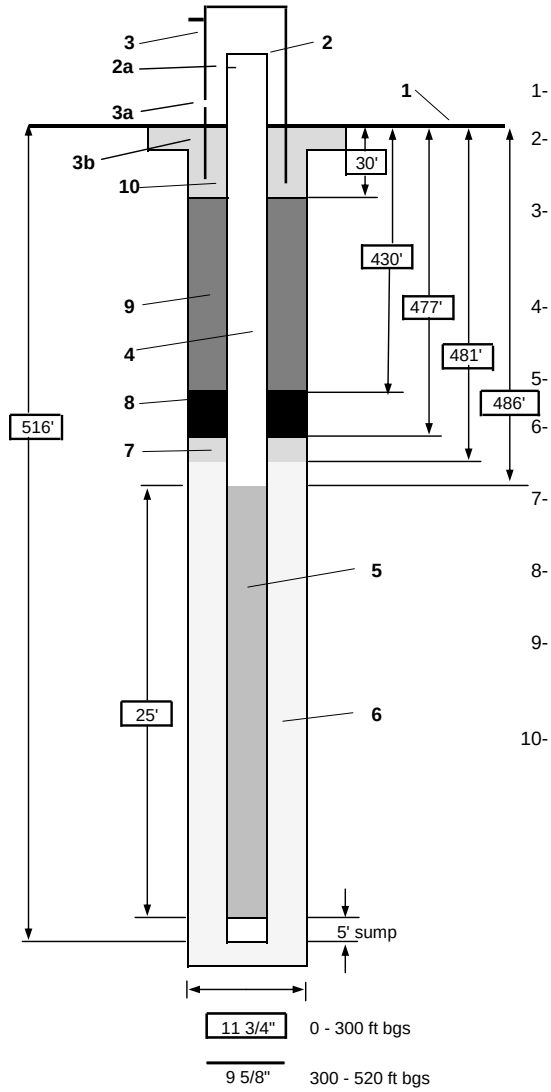
ESTIMATED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility — LOCATION : SW of Bulk Fuels

DRILLING CONTRACTOR : WDC Exploration & Wells — COORDINATES : 1542413.99 ft E 1474017.43 ft N (NAD 83 NM central)

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K

WATER LEVEL : 494.5' — START : 10/1/2008 — END : 10/3/2008 — LOGGER : T. Arrowwood



1- Ground elevation at well	5347.3 ft msl (NADV88)
2- Top of casing elevation	5350.08 ft msl (NADV88)
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	3' above screen
7- Transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	4'
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	47'
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness to be installed	400'
10- Cement	
a) Cement mix used	Portland Cement
b) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump
Estimated purge volume	See development log
Development time	no more than 3 weeks after well completion

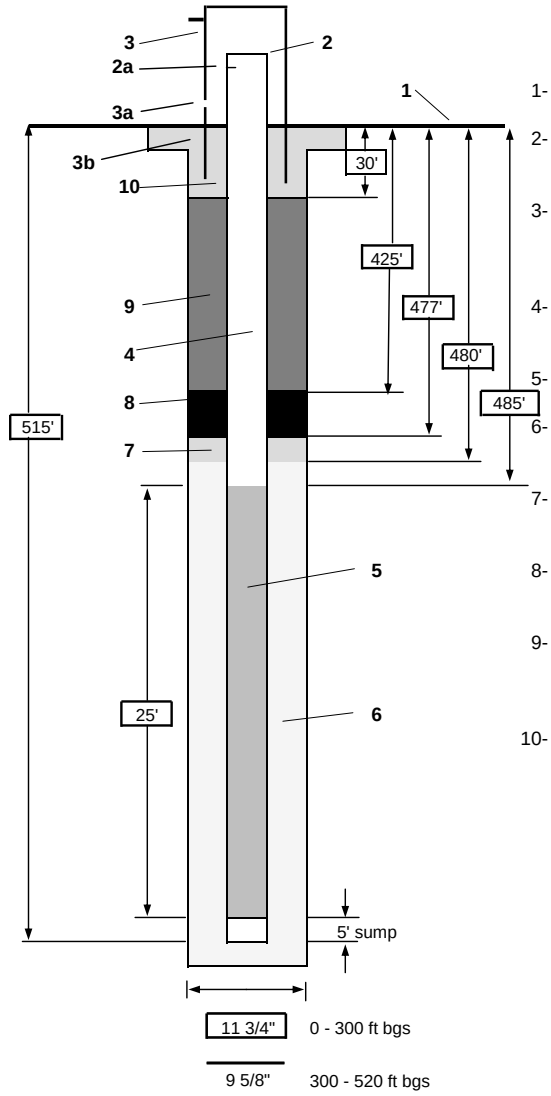
Comments

Not to scale

CH2MHILL	PROJECT NUMBER	WELL NUMBER KAFB-10615 SHEET 1 OF 1

ESTIMATED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION : KAFB southeast of Gibson and Lousiana intersection.
DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES : 1545222.61 ft E 1476461.92 ft N (NAD 83 NM central)
DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K
WATER LEVEL : 492.23' bgs START : 10/8/2008 END : 10/14/2008 LOGGER : K. Mouzakis



1- Ground elevation at well	5339.5 ft msl (NADV88)
2- Top of casing elevation	5342.44 ft msl (NADV88)
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	29 bags - 5' above screen
7- Transition sand	20/40 Colorado Silica Sand
b) thickness to be installed	3 bags - 3'
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	25 bags - 52'
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness to be installed	400'
10- Cement	
a) Cement mix used	portland cement grout
b) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump
Estimated purge volume	See development log
Development time	See development log

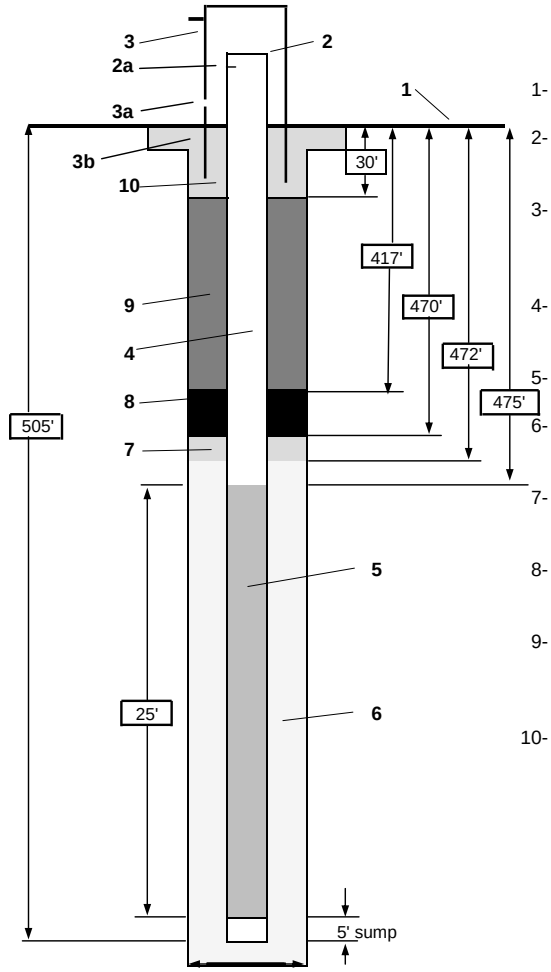
Comments

Not to scale

CH2MHILL	PROJECT NUMBER	WELL NUMBER KAFB-10616 SHEET 1 OF 1

ESTIMATED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION : KAFB north side of Randolph Ave east of Fuels Drive.
DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES : 1540986.83 ft E 1473163.72 ft N (NAD 83 NM central)
DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K
WATER LEVEL : 484.55' START : 10/15/2008 END : 10/17/2008 LOGGER : T. Arowwood



1- Ground elevation at well	5339.5 ft msl (NADV88)
2- Top of casing elevation	5342.30 ft msl (NADV88)
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	32 bags
7- Transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	3 bags
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	46 bags
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness to be installed	387'
10- Cement	
a) Cement mix used	portland cement grout
b) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump
Estimated purge volume	See development log
Development time	See development log

11 3/4"	0 - 300 ft bgs
9 5/8"	300 - 520 ft bgs

Comments

Not to scale

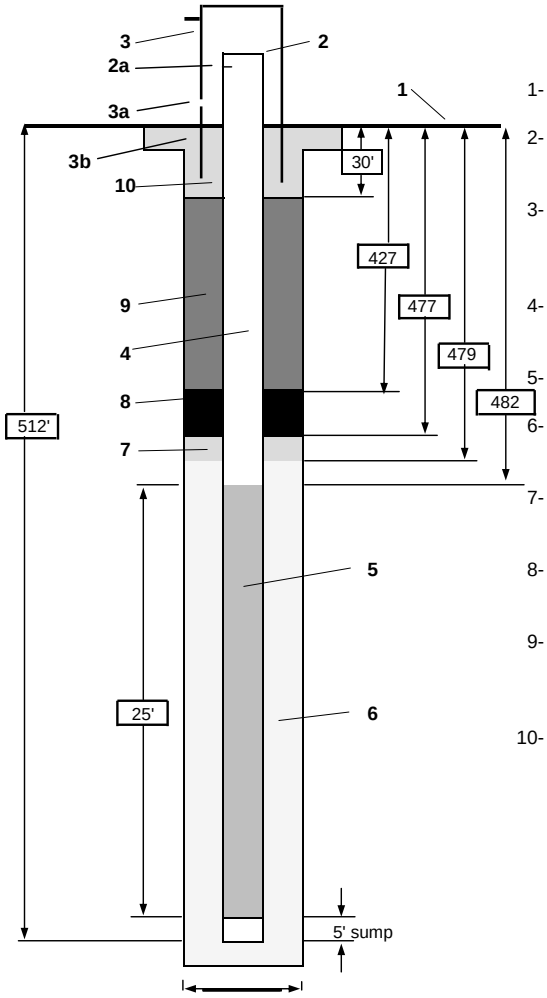
CH2MHILL	PROJECT NUMBER	WELL NUMBER **KAFB-10617** SHEET 1 OF 1
	ESTIMATED WELL COMPLETION DIAGRAM	

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION : VA Field

DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES : 1542923.45 ft E 1475228.99 ft N (NAD 83 NM central)

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K

WATER LEVEL : 488 7/12' START : END : LOGGER : K. Mouzakis and T. Arowwood



1- Ground elevation at well	5339.5 ft msl (NADV88)
2- Top of casing elevation	5342.51 ft msl (NADV88)
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	46 bags
7- Transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness to be installed	397'
10- Cement	
a) Cement mix used	portland cement grout
b) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump
Estimated purge volume	See development log
Development time	See development log

11 3/4"	0 - 300 ft bgs
9 5/8"	300 - 520 ft bgs

Comments

Not to scale

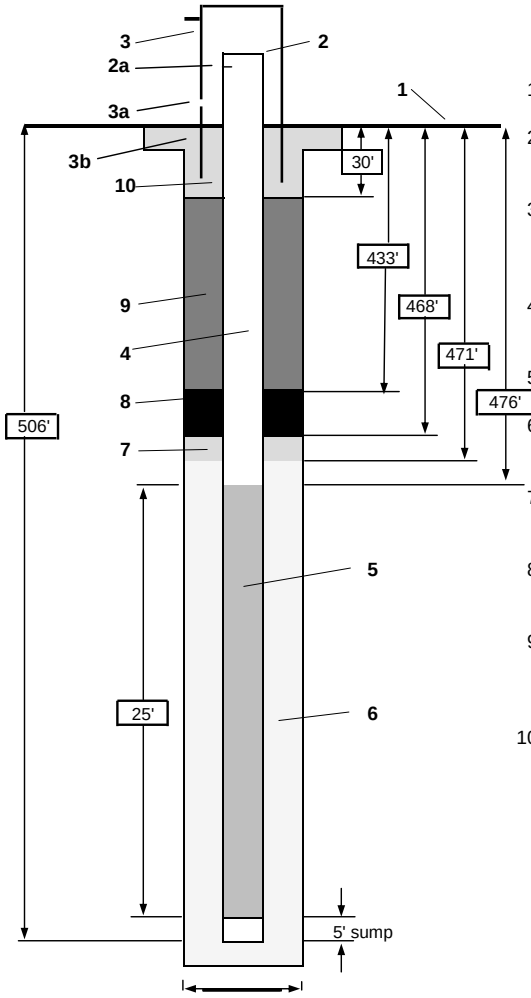
CH2MHILL	PROJECT NUMBER	WELL NUMBER **KAFB-10618** SHEET 1 OF 1
	ESTIMATED WELL COMPLETION DIAGRAM	

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION : SW of Bulk Fuels

DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES : 1542425.96 ft E 1475430.35 ft N (NAD 83 NM central)

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K

WATER LEVEL : 482.5' START : END : LOGGER : T. Arowwood



1- Ground elevation at well	5333.3 ft msl (NADV88)
2- Top of casing elevation	5335.97 ft msl (NADV88)
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	32 bags
7- Transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	3 bags
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	46 bags
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness to be installed	387'
10- Cement	
a) Cement mix used	portland cement grout
b) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump
Estimated purge volume	See development log
Development time	See development log

11 3/4"	0 - 300 ft bgs
9 5/8"	300 - 520 ft bgs

Comments

Not to scale

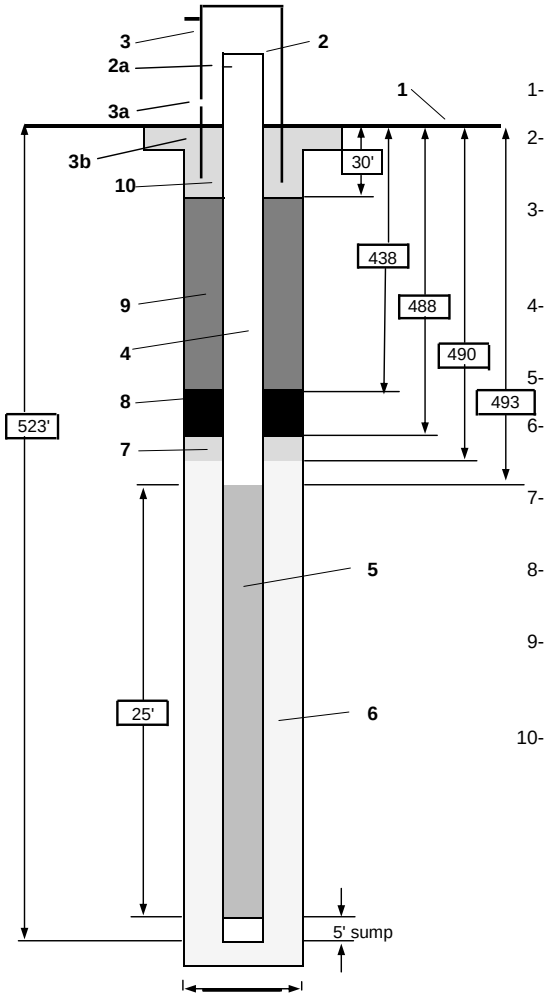
CH2MHILL	PROJECT NUMBER	WELL NUMBER **KAFB-10619** SHEET 1 OF 1
	ESTIMATED WELL COMPLETION DIAGRAM	

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION : SW of Bulk Fuels

DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES : 1542975.26 ft E 1474712.8 ft N (NAD 83 NM central)

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K

WATER LEVEL : 500.3 START : 12/8/2008 END : LOGGER : T. Arowwood



1- Ground elevation at well	5351.8 ft msl (NADV88)
2- Top of casing elevation	5354.67 ft msl (NADV88)
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	32 bags
7- Transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	3 bags
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	46 bags
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness to be installed	387'
10- Cement	
a) Cement mix used	portland cement grout
b) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump
Estimated purge volume	See development log
Development time	See development log

11 3/4"	0 - 300 ft bgs
9 5/8"	300 - 520 ft bgs

Comments

Not to scale

CH2MHILL	PROJECT NUMBER	WELL NUMBER KAFB-10620 SHEET 1 OF 1

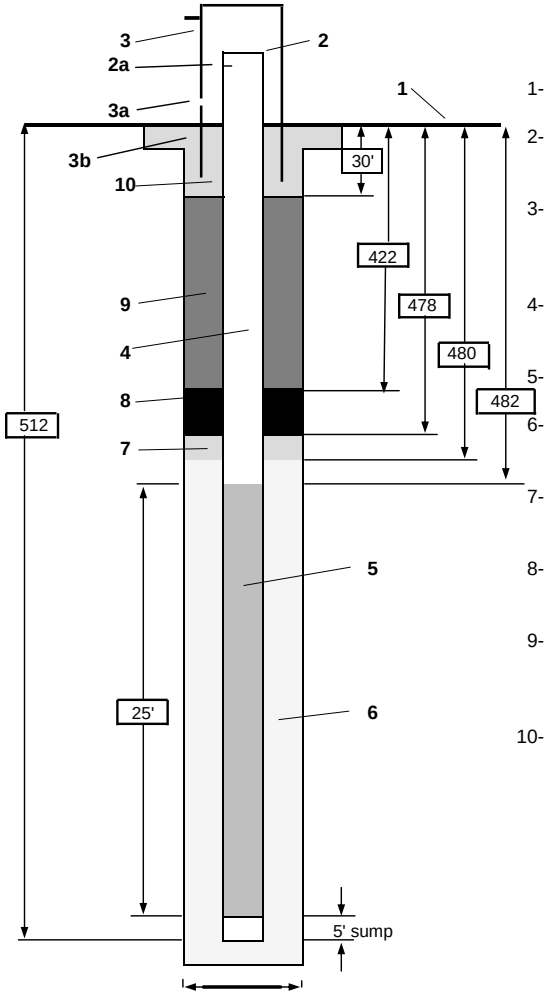
ESTIMATED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION : SW of Bulk Fuels

DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES : 1541868.99 ft E 1475368.41 ft N (NAD 83 NM central)

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K

WATER LEVEL : 489' START : END : LOGGER : K. Mouzakis



1- Ground elevation at well	5341.11 ft msl (NADV88)
2- Top of casing elevation	5340.75 ft msl (NADV88)
a) vent hole?	no
3- Wellhead protection cover type	flush mount, 6x4 pad, 12-in diam. steel well vau
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	32 bags
7- Transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	3 bags
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	46 bags
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness to be installed	387'
10- Cement	
a) Cement mix used	portland cement grout
b) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump
Estimated purge volume	See development log
Development time	See development log

11 3/4"	0 - 300 ft bgs
9 5/8"	300 - 520 ft bgs

Comments screened interval 482' - 507' bgs

Not to scale

APPENDIX C

Attachment 2

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

WELL ID: KAFB-10611

WELL DEVELOPMENT FIELD DATA SHEET

PROJECT: ST106, TO 313

LOCATION: Randolph E. of fuels drive

WEATHER (wind/temp/ppt): sunny, clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: —

INITIAL DEPTH TO WATER: 500.42' btoc

TOTAL DEPTH OF WELL: 516' bgs

SCREENED INTERVAL: 486-511'

PURGE VOLUME CALCULATION: —

METHOD OF PURGING: bail, swab, bail, swab, bail, pump

DISPOSITION OF DISCHARGE WATER: poly tank near BFF call box

MONITORING EQUIPMENT USED: Horiba U-22

Well Purging Information

Date Time	Total volume (gals)	Temp (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO	ORP	Remarks (color, odor, sheen, sediment, etc.)
10/6	Ø	swab well for 15 min						
10/6 1700	330 gals bailed from the well							
10/7 0740	~~8~~ 330	swab well for 15 min						
10/7 1130	495 gal	bailed from well						
10/8 1340	setting pump in well; pump is 5½' long intake at 2½'							
	joints are 21'1" long							
	24 x 21'1" = 506' +2½' pump = 508½' bgs							
	2½' from bottom of screen							
	will add ~3' piece to account for the stick up							
10/8 1500	pump on							
1507	Ø	totalizer at ~760 gal, start of water						
1510	~10	22.25	6.52	0.533	98.3	7.95	160	~3gpm cloudy
1514	22	21.33	7.15	0.492	63.4	8.03	53	3gpm, cloudy
1518	34	21.44	7.52	0.425	83.4	7.07	-27	" "
1525	55	21.55	7.60	0.399	24.5	8.06	-56	" , "
1530	70	21.47	7.63	0.401	14.3	7.29	-60	" , clear
1535	82.5	21.41	7.66	0.399	0.0	7.93	-77	2.5gpm clear
1541	100	21.51	7.67	0.389	5.9	8.10	-65	3gpm, clear
1548	121	21.43	7.71	0.409	2.6	8.95	-45	" , "
1559	150	21.43	7.68	0.396	0.8	7.63	-73	" , clear
* 1610	~180	20.64	7.74	0.402	11.5	6.34	-7	sample collected

Development-PurgeForms Template2.xls

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

WELL ID: KAFB -10612

WELL DEVELOPMENT FIELD DATA SHEET

PROJECT: ST106 TO 313

LOCATION: Randolph

WEATHER (wind/temp/ppt): clear, sunny

OTHER NOTABLE FIELD CONDITIONS: —

INITIAL ORGANIC VAPOR METER READINGS:

INITIAL DEPTH TO WATER: —

TOTAL DEPTH OF WELL: 510.5' bgs

SCREENED INTERVAL: ~~48~~

PURGE VOLUME CALCULATION: —

METHOD OF PURGING: submersible pump

DISPOSITION OF DISCHARGE WATER: poly tank near BFF gate

MONITORING EQUIPMENT USED: HORIBA U-22

Well Purging Information

Date Time	Total volume (gals)	Temp (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO	ORP	Remarks (color, odor, sheen, sediment, etc.)
10/8 0910	Ø bailed 55 gal from well							
10/8 0903		begin 15 min swab						
10/8 0920	110	resume bailing bailed additional 55 gal						
10/8 1100	165	additional 55 gal bailed						
10/9 0700	setting pump in well, pump to be at ~504' bgs ~1.5' above bottom of screen							
10/9 0857	Ø	pump on						
0905	Ø	start of water totalizer at 070900gal						
0921		22.07	6.82	0.435	~~27~~ 17.3	9.99	192	totalizer not working
0926		21.50	7.18	0.394	19.3	9.81	164	
0930		21.23	7.40	0.382	8.1	9.75	145	~2gpm
0935	~180 gallons purged	20.83	~~6.49~~ 6.56	0.441	—	8.96	~~1~~ 192	turbidity probe not working
0939		21.31	7.19	0.359	—	8.99	120	
0944		21.14	7.69	0.367	—	9.25	111	
0957		21.72	7.73	~~0.73~~ 0.374	—	9.45	111	
1002		22.11	7.76	0.362	—	9.47	101	
1010	sample collected							

Development-PurgeForms Template2.xls

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

WELL ID: KAFB-10613

WELL DEVELOPMENT FIELD DATA SHEET

PROJECT: ST106, T0313

LOCATION: VA Hosp. parking lot

WEATHER (wind/temp/ppt): Clear, sunny

OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS:

INITIAL DEPTH TO WATER: 495.9' bgs

TOTAL DEPTH OF WELL: 516.5

SCREENED INTERVAL: 486.5-511.5

PURGE VOLUME CALCULATION: —

METHOD OF PURGING: —

DISPOSITION OF DISCHARGE WATER: poly tank near BFF call box

MONITORING EQUIPMENT USED: U-22

Well Purging Information

Date Time	Total volume (gals)	Temp (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO	ORP	Remarks (color, odor, sheen, sediment, etc.)
10/7 ~~1100~~ 1200	~~0~~							start of bailing.
1320	~60							done w/ first bailing
1320	"	swabbing						
		totalizer at 070900 gal						
10/9 1150	~~115~~	setting pump in well, pump set at ~508' bgs						
1306	pump on							
~~1330~~ 1310	Ø	start of water						
1312	10	26.61	7.20	0.608	~~8.0~~	9.27	186	cloudy, ~1gpm
1315	22	21.35	7.48	0.628	~~36.4~~ 58.67	10.20	104	3gpm
1321	40	21.36	7.46	0.582	—	9.28	50	3gpm clearing
1325	54	21.39	7.46	0.571	—	9.58	21	3.5gpm
1331	78	21.47	7.50	0.572	—	9.52	46	4gpm
1340	110	21.74	7.59	0.561	—	9.76	17	3gpm
1344	126	21.57	7.49	0.574	—	9.88	12	
1355	171	21.71	7.41	0.573	—	8.88	6	

Development-PurgeForms Template2.xls

CH2MHILL

PROJECT NUMBER

WELL ID KAFB-10615

WELL DEVELOPMENT FIELD DATA SHEET

PROJECT:

LOCATION:

WEATHER (wind/temp/ppt): Sunny; slight breeze

OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS:

INITIAL DEPTH TO WATER:

TOTAL DEPTH OF WELL: 515'

SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING: Submersible pump

DISPOSITION OF DISCHARGE WATER: Store in polydrum

MONITORING EQUIPMENT USED:

Well Purging Information

Date 11/3/08 Time	Total volume (gals)	Temp (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO	ORP	Remarks (color, odor, sheen, sediment, etc.)
1310	362	25.50	6.08	0.475	390	8.72	150	cloudy
1321	379	21.21	6.82	0.399	748	9.66	119	cloudy
1326	393	20.34	7.19	0.372	340	9.33	96	cloudy
1331	412	20.83	7.33	0.367	43.9	9.08	55	cloudy
1336	427	20.01	7.39	0.370	15.8	8.85	29	slightly cloudy
1341	441	20.31	7.40	0.366	9.09	8.43	5	clear
1346	456	20.55	7.45	0.364	4.67	8.82	4	clear
1351	471	20.55	~~[illegible]~~ 7.53	0.364	3.14	8.72	34	clear
1356	487	20.58	7.50	0.362	4.34	8.83	2	clear
1401	502	20.81	7.54	0.362	2.65	8.97	2	clear
1406	518	20.18	7.53	0.360	0.69	8.71	-2	clear
1410	Sample Time							

Development-PurgeForms Template2.xls

CH2MHILL

PROJECT NUMBER

WELL ID KAFB-1061LE

WELL DEVELOPMENT FIELD DATA SHEET

PROJECT:

LOCATION:

WEATHER (wind/temp/ppt): None, Hot!!

OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS:

INITIAL DEPTH TO WATER:

TOTAL DEPTH OF WELL:

SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING:

DISPOSITION OF DISCHARGE WATER:

MONITORING EQUIPMENT USED:

Well Purging Information

Date 10/30 Time	Total volume (gals)	Temp (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO	ORP	Remarks (color, odor, sheen, sediment, etc.)
14:17	127	22.83	5.84	0.467	204	10.49	180	cloudy
14:22	144	20.83	6.73	0.351	159	9.88	115	"
14:27	152	20.75	7.01	0.321	90.7	10.03	79	"
14:32	167	20.85	7.28	0.311	89.7	8.74	53	"
14:37	180	21.14	7.49	0.312	39.7	8.53	24	Starting to be clearer
14:42	194	21.37	7.57	0.308	26.3	8.97	2	"
14:47	208	20.02	7.57	0.306	17.9	8.69	-1	"
14:52	221	20.71	7.64	0.310	12.3	8.41	-0	clear
14:57	235	20.58	7.59	0.306	9.03	8.32	-15	"
15:04	255	20.96	7.61	0.307	4.59	8.66	7	"
15:09	271	20.88	7.59	0.305	4.44	8.52	11	"
15:14	283	21.34	7.60	0.303	2.51	8.63	-14	"
15:18	Sample Time							

Development-PurgeForms Template2.xls

CH2MHILL

PROJECT NUMBER

WELL ID KAFB-10617

WELL DEVELOPMENT FIELD DATA SHEET

PROJECT: ST106 T0313 LOCATION: 10617 S of Ridgecrest

WEATHER (wind/temp/ppt): cloudy, windy, cold OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS:

INITIAL DEPTH TO WATER: 491.10' btoc TOTAL DEPTH OF WELL: 512' bgs SCREENED INTERVAL: 482-507' bgs

PURGE VOLUME CALCULATION: —

METHOD OF PURGING: bailing + submersible pump.

DISPOSITION OF DISCHARGE WATER: poly drums

MONITORING EQUIPMENT USED: U-22, turbidimeter, PID

Well Purging Information

Date 1/6/08 Time	Total volume (gals)	Temp (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO	ORP	Remarks (color, odor, sheen, sediment, etc.)
0745	MBrisken + Nick Cooper (WDC) onsite for well development set up equipment tag well							
1005	~50 gallons bailed from well							
~~1235~~ 1138	~~0~~80 gallons bailed from well, done bailing							
1338	pump turned on, problem w/ connection, nick fixing							
524.2 1/7/08 0937	pump turned on ~~at~~ set at ~3 gpm water out at 9:42							
0953	30	16.4	7.03	0.392	16.8	7.34	3	
0959	50	18.1	7.35	0.390	5.87	6.75	-9	
1004	~~75~~ 65	18.5	7.44	0.388	15.7	6.92	-16	
1009	~~90~~ 80	18.9	[illegible]	0.393	23.1	7.36	-13	PH: 7.54
1014	~~105~~ 95	19.1	7.57	0.389	6.77	7.06	-23	
1019	~~120~~ 110	19.3	7.54	0.389	6.19	6.99	-29	
~~1024~~	~~135~~ 125							T.A.
1020	pump turned off							

Development-PurgeForms Template2.xls

CH2MHILL

PROJECT NUMBER

WELL ID ~~KAFB-10617~~ KAFB-10619

WELL DEVELOPMENT FIELD DATA SHEET

PROJECT: ST106 TO 313 LOCATION: 10619 by Park in VA lot

WEATHER (wind/temp/ppt): ~~steady~~, windy, cold, clear both days OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS:

INITIAL DEPTH TO WATER: TOTAL DEPTH OF WELL: 523' bgs SCREENED INTERVAL: 493-518' bgs

PURGE VOLUME CALCULATION: —

METHOD OF PURGING: bailing + submersible pump

DISPOSITION OF DISCHARGE WATER: poly drums

MONITORING EQUIPMENT USED: U-22, turbidimeter, PID

Well Purging Information

Date 1/7/09 Time	Total volume (gals)	Temp (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO	ORP	Remarks (color, odor, sheen, sediment, etc.)
1356	Todd Arrowood and Nick Cooper (WDC) onsite for well development set up equipment and tag well							
1513	~50 gal bailed from well							
1640	~100 gal bailed from well, done bailing							
~~1/8/09~~	started pumping well after delay							
1/18/09 0915	0	started pumping @ 3gpm						
0931	30	15.0	6.97	0.415	5.31	6.91	78	
0937	45	17.5	7.42	0.438	8.71	7.45	31	
0942	60	17.2	7.46	0.446	2.85	7.72	20	
0948	75	17.2	7.55	0.455	2.88	7.65	3	
0950	90	16.9	7.60	0.458	2.02	7.28	6	
0954	105	17.4	7.65	0.454	1.68	7.26	-1	
	~~120~~ T.A.							
	~~135~~ T.A.							

Development-PurgeForms Template2.xls

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

WELL ID: 10620

WELL DEVELOPMENT FIELD DATA SHEET

PROJECT: KAFB Bulk fuels

LOCATION: Parking lot by VA hospital

WEATHER (wind/temp/ppt): 10-20mph, 41°, rainy/snowy

OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 0.0

INITIAL DEPTH TO WATER: 489.10

TOTAL DEPTH OF WELL: 507

SCREENED INTERVAL: 25ft 507-482

PURGE VOLUME CALCULATION: 11.67 gal

METHOD OF PURGING:

DISPOSITION OF DISCHARGE WATER:

MONITORING EQUIPMENT USED: Horiba

Well Purging Information

Date Time	Total volume (gals)	Temp (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO	ORP	Remarks (color, odor, sheen, sediment, etc.)
1253	30	15.1	6.59	0.513	41.5	6.45	20	
1258	50	16.3	6.83	0.493	20.3	6.44	-2	
1303	75	17.0	7.03	0.491	18.5	6.30	-8	
1309	90	16.7	7.12	0.487	46.9	6.41	-15	
1313	105	17.3	7.20	0.482	30.5	6.48	-30	
1317	120	17.8	7.28	0.480	33.8	6.61	-33	
1322	135	17.3	7.34	0.483	26.3	6.80	-38	
1326	150	16.7	7.40	0.486	16.7	6.88	-38	
1330	165	17.3	7.45	0.478	17.7	6.75	-43	
1335	180	17.9	7.51	0.484	39.5	6.66	-37	
1341	195	17.4	7.52	0.474	10.9	6.80	-38	pump set to bypass
1347	210	17.4	7.53	0.486	10.1	6.78	-44	

Development-PurgeForms Template2.xls

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

POD NUMBER (WELL NUMBER)	RG-1579 -POD -49
OSE FILE NUMBER(S)	RG1579
WELL OWNER NAME(S)	KIRTLAND AIR FORCE BASE-ENVIRONMENTAL MANAGEMENT
PHONE (OPTIONAL)	505-853-3484
WELL OWNER MAILING ADDRESS	WAYNE BITNER - 377 MSG/CEANR 2050 WYOMING BLVD. SE
CITY	KIRTLAND AFB
STATE	NM
ZIP	87117-5720

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	35	3	2.00	N
	LONGITUDE	106	34	34.00	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS

2. OPTIONAL

(2.5 ACRE)	(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION	TOWNSHIP	RANGE
¼	¼	¼	¼		☐ NORTH ☐ SOUTH	☐ EAST ☐ WEST

SUBDIVISION NAME	LOT NUMBER	BLOCK NUMBER	UNIT/TRACT

HYDROGRAPHIC SURVEY	MAP NUMBER	TRACT NUMBER

3. DRILLING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD1210	Bryan Nydoske	WDC EXPLORATION & WELLS

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9-03	9-11	516	11 3/4 9 5/8	NA

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): NA

DRILLING FLUID: ☑ AIR ☐ MUD ☐ ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)
0	200	11 3/4	PVC	FLUSH	4"	80	RISER
200	486	9 5/8	PVC	FLUSH	4"	80	RISER
486	511	9 5/8	SS SLOT	FLUSH	4"	40	010
511	516	9 5/8	SS	FLUSH	4"	40	RISER

4. WATER BEARING STRATA

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	YIELD (GPM)
			SEE ATTACHED	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA	TOTAL ESTIMATED WELL YIELD (GPM)

FOR OSE INTERNAL USE

WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 1 OF 2

Interstate Stream Commission

DISTRICT 1

JOHN R. D'ANTONIO, JR., P.E.

NEW MEXICO STATE ENGINEER

Albuquerque Office
(505) 764-3888

121 Tijeras NE, Suite 2000
Albuquerque, NM 87102

August 20, 2008

OSE File No. **RG-1579**
Transaction No. 412970

Kirtland Air Force Base – Environmental Management
contact: Wayne Bitner
377 MSG/CEVR
2050 Wyoming Blvd. S.E.
Kirtland AFB, 87117

RE: **Monitoring Well no. RG-1579 POD49 - "KAFB 10611"**

Greetings:

Enclosed is your copy of the Monitoring Well Permit, which has been approved. In accordance with the Conditions of Approval, the well can only be used for monitoring purposes only unless and until a permit for a specific use has been issued by the State Engineer.

If discussion is needed, please call us.

Sincerely,

Joseph Fields
(505) 764-3888

JF:jf
enclosures as stated
cc: Santa Fe Office

HKI-43473
$20.00

File Number: RG1579
(For OSE Use Only)

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT
TO DRILL AN EXPLORATORY WELL

1. APPLICANT:

Name: Kirtland Air Force Base-Environmental Managment Work Phone: 853-3484
Contact: Wayne Bitner, 377 MSG/CEANR Home Phone: 853-3484
Address: 2050 Wyoming Blvd SE
City: Kirtland AFB State: NM Zip: 87117-5720

2. LOCATION OF WELL (A, B, C, or D required, E or F if known):

A. ____1/4 ____1/4 ____1/4 Section:____ Township:____ Range:____ N.M.P.M. in _____ County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant. U.S.G.S. Quad Map _____

C. Latitude: 35 d 03 m 03.6 s Longitude: 106 d 34 m 34.1 s within 300 feet

D. East _____ (m), North _____ (m), UTM Zone 13, NAD __ (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the _____ Subdivision recorded in _____ County.

G. Other: _____

H. Give State Engineer File Number of existing well: _____

I. On land owned by (required): Kirtland Air Force Base

3. WELL INFORMATION:

Approximate depth 520 feet; Outside diameter of casing 4 inches.
Name of well driller and driller license number Mark Green, NMWD 1210

4. ADDITIONAL STATEMENT OR EXPLANATIONS:

Proposed well construction details attached. Well will be used for groundwater monitoring at KAFB.
Drilling is scheduled to begin 8/18/08.
Well will be in service for a minimum of 5 years.

Well ID = KAFB-10611

Do Not Write Below This Line

File Number: RG-1579 POD1 Trn Number: 412970
Form: wr-07 page 1 of 2

NEW MEXICO OFFICE OF THE STATE ENGINEER
PERMIT TO DRILL MONITORING WELL
CONDITIONS OF APPROVAL

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the following conditions of approval:

Permittee:	Kirtland Air Force Base – Environmental Management contact: Wayne Bitner, 377 MSG/CEVR 2050 Wyoming Blvd., SE, Kirtland AFB, 87117
Permit Number:	RG-1579
Application File Date:	August 7, 2008
Point of Diversion:	RG-1579 POD49, "KAFB-10611", located within 300 feet of a point where Latitude = 35 deg 03 min 03.6 sec and Longitude = 106 deg 34 min 34.1 sec, on land owned by Kirtland Air Force Base.

1. No water shall be appropriated and beneficially used under this permit.
2. The well shall be plugged upon completion of the permitted use, and a plugging report shall be filed with the State Engineer within 10 days
3. The well shall be drilled by a driller licensed in accordance with 19.27.4 NMAC.
4. Driller's well record must be filed with the State Engineer within 10 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
5. If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.
6. Well RG-1579 POD49 must be completed and the Well Record filed on or before August 20, 2009.
7. Water shall be used from well RG-1579 POD49 for monitoring purposes only unless and until a permit for a specific use has been issued by the State Engineer.

Witness my hand and seal this 20th day of August, A.D. 2008.

John R. D'Antonio, Jr., P.E., New Mexico State Engineer

By: _____

Joseph Fields
Albuquerque, OSE, District 1

Transaction Number: 412970

CH2MHILL

PROJECT NUMBER: ST106 T0313

WELL NUMBER: KAFB - 10611

WELL COMPLETION DIAGRAM

PROJECT : KAFB Bulk Fuels Facility

LOCATION : KAFB

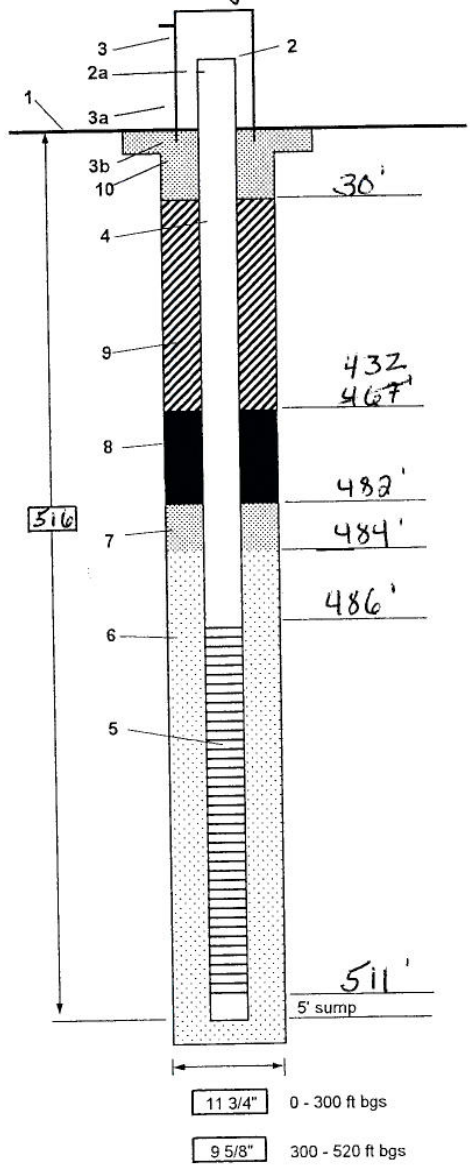
DRILLING CONTRACTOR : WDC Exploration & Wells

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K

WATER LEVELS 496' bgs

START : 9/3/08 END : 9/10/08

LOGGER : ~~C. Daughtry~~ C. Dougherty



Not to scale

1- Ground elevation at well	TBD
2- Top of casing elevation	approximately 3 ft above ground surface
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
a) sump	5' stainless sump below well screen
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	at least 2 feet above top of screen
7- Type of transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	~~1-2 feet~~ 2'
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	~~10 - 20 feet~~ 15'
9- Grout	volclay bentonite grout
a) thickness to be installed	~~approximately 450'~~ ~ 437'
10- Cement	Portland Cement
a) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump wells with PSH will not be pumped
Development time	no more than 3 weeks after well completion

Comments: Total depth of wells to be between 500' and 520' bgs.
Top of screen to be placed 5 - 15' above water table as determined by CH2M HILL.

Some wells will require surface completion, details to be determined as needed.

All completion details subject to change.

all measurements below ground surface.

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: KAFB-10611

SHEET | OF

SOIL BORING LOG

PROJECT: T03|3

LOCATION: Randolf, W. of Super Saber Rd

ELEVATION:

DRILLING CONTRACTOR: WDC Exploration & Wells | Jeff ~~Burnst~~ Burris

DRILLING METHOD AND EQUIPMENT USED: 50K ARCH RIG #106

WATER LEVEL:

START: 9/3/08 END:

LOGGER: A. Forsberg

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
		Good	Cyclone-grab	20' casing	Well graded Sand (SW) 7.5YR 5/4 brown dry, low plasticity, sand fine to coarse grained, <5% fine gravel	1200 9/3/08 Start of Drilling PID=0.0ppm
10		Good	Cyclone Grab		Silty sand with gravel (SM) 7.5YR 5/4 brown, dry, low plasticity gravel is sub rounded fine grained	1204 @ 10' PID-VOC=0.3ppm 1209 @ 20'
20		Good	Cyclone-grab	20' casing	Same as above	1216 making 20'-40' connection PID=0.0ppm
30		Good	Cyclone-grab		SILTY SAND W/GRAVEL (SM) 7.5YR 6/4 light brown, dry, low plasticity, gravel is fine grained & sub rounded	1243 @ 30' PID=~~VOC~~ 0.0ppm
40		Good	Cyclone-grab	20' casing	Same as above	1318 making 40'-60' connection begin injecting H_2O. set 11 3/4" casing @ ~2 gpm VOCs=0.0ppm
50		Fair	Cyclone grab		~~Same as 30'~~ POORLY GRADED GRAVEL w/sand (GP) 7.5YR 5/4, brown, dry, low plasticity, fine gravel, med to coarse sand	1402 ~~1350~~ @ 50' VOCs=0.0ppm ~~VOCs~~ 1420 ~55' stop injecting H_2O
60						

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: KAFB-10611

SHEET 2 OF

SOIL BORING LOG

PROJECT: TO 313

LOCATION: Randolf, W. of Super Saber Dr.

ELEVATION:

DRILLING CONTRACTOR: WDC Exploration & Wells/Jeff ~~Burnsgt~~ Burris

DRILLING METHOD AND EQUIPMENT USED: 50K ARCH Rig #106

WATER LEVEL:

START: 9/3/08 END:

LOGGER: A. Forsberg

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60	X	14"	SS	4-6-7 20' casing	Well graded gravel w/sand (GW) 7.5YR 7/4 pink, dry, non-plastic, gravel fine to coarse grained, 7-10% fine sand	Sample collected @ 1515 ID: ST06-SS-10611-060 VOCs = 0.0ppm downhole VOCs = 0.3ppm Injecting H_2O @ ~2gpm
70	X	good	cyclone-grab		POORLY GRADED SAND W/SILT & GRAVEL (SP) 7.5YR 5/6 strong brn, moist, low plasticity, gravel is fine, medium, sub rounded, <5% SILT	1600 @ 70' VOCs = 0.0ppm End of 9/3/08
80	X	good	cyclone-grab	20' casing	POORLY GRADED SAND (SP) 7.5YR 4/4 brown, moist, low plasticity, sand is fine, 2% SILT	Start of 9/4/08, 0740 making 80'-100' connection Injecting H_2O into 11¾" casing @ ~2gpm VOCs = 0.0ppm
90	X	good	cyclone-grab		POORLY GRADED SAND W/GRAVEL (SP) 7.5YR 4/6 strong brown, moist, low plasticity, sand & gravel are both fine, 2% SILT	@ 90' at 0812
100	X	good	cyclone-grab	20' casing	POORLY GRADED SAND W/SILT (SP) 7.5YR 5/4 brown, dry, low plasticity, sand is fine, 5-7% SILT	1256 @ 100' making 100-120' connection VOCs = 0.0ppm
110	X		cyclone-grab		WELL GRADED SAND W/GRAVEL (SW) 7.5YR 5/6 strong brown, moist, low plasticity sand is fine, gravel is angular & fine, 10% gravel	1350 @ 110' VOCs = 0.0ppm
120						

CH2MHILL

PROJECT NUMBER: 376990.05.02.01

BORING NUMBER: KAFB-10611

SHEET 3 OF

SOIL BORING LOG

PROJECT: TO 313

LOCATION: Randolf, W. of Super Saber Dr.

ELEVATION:

DRILLING CONTRACTOR: WDC Exploration & Wells | Jeff ~~Burns~~ Burris

DRILLING METHOD AND EQUIPMENT USED: 50K ARCIT Rig # 106

WATER LEVEL:

START: 9/3/08 END:

LOGGER: A. Forsberg | C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
					SILT (ML)	
120	X		S.S.	3-5-6	~~CLAY (CL)~~ 7.5YR 4/4 brown, moist, medium plasticity, ~~few~~ few fine gravel & coarse sand	sample & duplicate sample collected @ 1515 & 1520 IDS: ST106-SS-10611-120 & ST106-SS-10611-120 DUP VOCs = 0.0
	X	fair	cyclone-grab	20' casing	Same as above	Downhole VOCs = 0.0
130 ~~140~~						1450 making 120-140 connection
		NONE			NO cuttings. cyclone hose clogged - hammering through so can get hose low enough to ground to work on	1635 at 130'
140 ~~150~~						End of 9/4/08 @ 135' bgs / Start of 9/5/08
	X	good	cyclone-grab	20' casing	POORLY GRADED SAND (SP) 7.5YR 4/4 brown, dry, low plasticity, sand is fine, few coarse sand grains	0950 making 140'-160' connection - No H_2O being injected VOCs = 0.0ppm
150 ~~160~~					~~ELASTIC~~ SILT W/ SAND (ML) 7.5YR 4/4 brown, moist, medium plasticity, sand is fine & 7-10%	1035 @ 150' VOCs = 0.0ppm
	X	good	cyclone-grab			
160 ~~170~~						
	X	~~Poor~~ good	cyclone-grab	20' casing	~~Same as above~~ of, wet, SANDY SILT (ML) 7.5YR 4/4, brown, wet, med. plasticity, sand is fine. ~50% sand, 50% SILT	1112 making 160-180' connection VOC = 0.0ppm
170 ~~180~~					Well graded sand (SW), light brownish grey 10YR 6/2, dry, loose, about 5% fines (silt), sand grains are angular to subangular	1155 @ 170' bgs / VOCs = 0.0ppm
	X	good	cyclone-grab			
180						

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: KAFB-10611

SHEET 1 OF

SOIL BORING LOG

PROJECT: TO 313

LOCATION: Rundolf, W. of Super Saber Rd

ELEVATION:

DRILLING CONTRACTOR: WDC Exploration & Wells / Jeff ~~Burns~~ Burns

DRILLING METHOD AND EQUIPMENT USED: 50K ARCTT Rig #106

WATER LEVEL:

START: 9/3/08 END:

LOGGER: A. Forsberg / C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180	X	fair	SS	26-12	same as above, sand is finer, gravel is well graded	down hole VOCs = 0 ppm VOCs = 0.0 ppm Sample @ 1310 ID: STOC-SS-10611-180
190 ~~200~~	X	good	cyclone-grab	20" casing	same as above, 10YR 6/2 light brownish grey, gravel is fine to medium	1320 making 180-200 ft connection VOCs = 0.0 ppm injecting H_2O into 11 3/4" casing ~1 gal every 2 min 1405 @ 190' bgs VOCs = 0.0 ppm
200 ~~210~~	X	fair	cyclone-grab		WELL GRADED SAND W/GRAVEL (SW) 7.5YR 6/2 brown, dry, loose, non-plastic, gravel is fine & angular, ~~10%~~ 25% gravel	VOCs = 0 ppm, 0800 hrs 9/6/08
210 ~~220~~	X	good	cyclone grab	20" casing	Poorly graded sand, (SP), light brownish grey 10YR 6/3, dry, fine grained, loose, about 10% silt	Resume drilling from 200 ft 1323 hrs, 9/6/08 Drilling with 9 5/8" casing VOCs = 0 ppm No water injection.
220 ~~230~~	X	good	cyclone grab		Sandy silt (ML), grayish brown 10YR 5/3, dry, loose, about 40% fine sand	1345 hrs 210' VOCs = 0 ppm
230 ~~240~~	X	good	cyclone grab	20" casing	Silty sand (SM), light brownish grey 10YR 6/3, dry, loose, fine grained, about 30% silt. Cuttings changed to about 30% medium sand, 50% fine sand, 20% silt at about 225 ft	1410 hrs @ 220' VOC = 0 ppm
	X	good	cyclone grab		Silty Sand, (SM), light brownish grey 10YR 6/3, fine to medium grained, dry, loose, few pieces of fine gravel, about 20% silt. Sand & gravel is angular.	1500 hrs @ 230' 1520 hrs @ 240'

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: KAFB-10611

SHEET 5 OF

SOIL BORING LOG

PROJECT: TO 313

LOCATION: Randolf, W. of Super Saber Dr

ELEVATION:

DRILLING CONTRACTOR: WDC Exploration & Wells / Jeff ~~Burns~~ Burris

DRILLING METHOD AND EQUIPMENT USED: 50K ARCH Rig #106

WATER LEVEL:

START: 9/3/08 END:

LOGGER:

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
~~230~~ 240		good	cyclone grab		Gravelly silt with sand (ML), light grey 2.5Y 7/1, soft, dry, gravel is angular to subangular and is about 30%, fine to medium sand about 15%, silt about 55%	1520 hrs @ 240 ft VOCs = 0 ppm no water injection
~~240~~ 250		poor	cyclone grab		Well graded sand (SW), light brownish grey 10YR 6/2, loose, dry, about 5% fine to medium gravel, gravel is angular to subrounded. to slightly moist CB 8-6-08	1600 hrs @ 250 ft VOC = 0 ppm no water injection
~~250~~ 260		good	cyclone grab		Poorly graded sand (SP) fine to medium grained, few pieces of fine gravel, dry, loose, light brownish grey 10YR 6/2.	1620 hrs at 260 ft VOC = 0 ppm
~~260~~ 270		good	cyclone grab		Well graded sand (SW), light brownish grey 10YR 6/2, loose, slightly moist, about 5% silt	1630 hrs at 270 ft VOC = 0 ppm
~~270~~ 280		good	cyclone grab		Silt (ML), yellowish brown 10YR 5/4, soft, slightly moist, about 5% fine sand	1645 hrs at 280 ft VOC = 0 ppm
~~280~~ 290		good	cyclone grab		Silty sand (SM), pale yellow 2.5Y 7/4, dry, loose, fine grained, silt about 35%.	1650 hrs at 290 ft VOC = 0 ppm
300					Clumps of moist silt/clay in cuttings near 300 ft bgs.	1655 hrs at 300 ft

CH2MHILL

PROJECT NUMBER	BORING NUMBER	SHEET 6 OF
376920.05.02.01	KAFB-10611	

SOIL BORING LOG

PROJECT: TO 313 LOCATION: Randolf W. of Super Saber Dr.
ELEVATION: DRILLING CONTRACTOR: WDC Exploration & Wells / Jeff ~~Burns~~ Burris
DRILLING METHOD AND EQUIPMENT USED: 50K ARCH Rig #106
WATER LEVEL: START: 9/3/08 END: LOGGER: C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
~~310~~ 300			SS	8-18-25	SILT (ML), pale brown, 10 YR 6/3, stiff, moist, clayey (about 30%), trace fine sand	Sample ST106-SS-10611-300 Collected at 0840 hrs on 9/7/08 VOC = 0 ppm Resume drilling from 300 ft at 1125 hrs 9/7/08
		good	Cyclone grab			
~~320~~ 310		good	Cyclone grab		WELL GRADED SAND (~~GW~~ SW), brown 7.5 YR 4/2, loose, moist, angular to subangular, gravel about 5% (~~fray~~ fine, angular)	1135 hrs at 310 ft VOC = 0 ppm
~~330~~ 320		good	Cyclone grab		WELL GRADED SAND with Gravel (SW) brown 7.5 YR 4/2, loose, moist, angular to subangular, fine gravel about 10%, medium gravel about 5%, gravel is angular to rounded.	1140 hrs at 320 ft VOC = 0 ppm
~~340~~ 330		good	Cyclone grab		WELL GRADED SAND with Gravel (SW) brown, 7.5 YR 4/2, Loose, moist, angular to subangular, fine to medium gravel 40%, angular to rounded	1245 hrs at 330 ft VOC = 0 ppm
~~350~~ 340		good	Cyclone grab		POORLY GRADED Sand, (SP) grayish brown 10 YR 5/2, loose, dry, fine grained but with 5% coarse grained sand, 5% fine gravel, gravel is subangular to rounded.	1255 at 340 ft 0 ppm
~~360~~ 350		good	Cyclone grab		WELL GRADED SAND (SW), grayish brown 10 YR 5/2, loose, dry, angular to subrounded, silt about 5%	1330 hrs at 350 ft VOC = 0 ppm
360						

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: KAFB-10611

SHEET 1 OF

SOIL BORING LOG

PROJECT: TU 313

LOCATION: Randolf, W. of Super Saber Rd.

ELEVATION:

DRILLING CONTRACTOR: WDC Exploration & Wells | Jeff ~~Burnst~~ Burris

DRILLING METHOD AND EQUIPMENT USED: 50K ARCH Rig #106

WATER LEVEL:

START: 9/3/08 END:

LOGGER: C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
~~370~~ 360		18"	SS	2-5-8	Lean clay (CL), brown 10YR 5/3, moist, very stiff, trace iron oxide staining.	Sample ST106-SS-10611-360 Collected at 1430 hrs VOC=0 ppm
		good	cyclone grab			
~~380~~ 370		good	cyclone grab		WELL GRADED SAND (SW), brown ~~10YR5~~ 10YR 5/3, loose, dry, angular to subrounded, trace gravel, trace silt/clay (fine)	1515 hrs at 370 ft bgs VOC=0 ppm
~~390~~ 380		good	cyclone grab		WELL GRADED SAND (SW), as above, fine gravel about 5%, fine gravel is angular to rounded.	1535 at 380 ft bgs VOC=0 ppm
~~400~~ 390		good	cyclone grab		SAME AS ABOVE	1545 at 390 ft bgs VOC=0 ppm
~~410~~ 400		good	cyclone grab		SILTY SAND (SM), grayish brown 10YR 5/2, dry, loose, fine grained, silt about 25%. Gravelly interval from about 405 ft to about 410 ft.	1605 at 400 ft bgs End of day, 9/7/08, stuck bit. Resume drilling from 400 ft at 1315 hrs, 9/8/08 As stuck bit was freed, fine to medium gravel was produced.
~~420~~ 410		good	cyclone grab		WELL GRADED SAND (SW), grayish brown 10YR 5/2, dry, loose, angular to subrounded.	1430 hrs at 410 ft bgs VOC=0 ppm
420						

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920.05.02.01	KAFB-10611	SHEET 8 OF

SOIL BORING LOG

PROJECT: TO 313 LOCATION: Randolf, W. of Super Saber Rd
ELEVATION: DRILLING CONTRACTOR: WDC Exploration & Wells / J. ~~Burrist~~ Burris
DRILLING METHOD AND EQUIPMENT USED: 50K ARCH Rig #106
WATER LEVEL: START: 9/3/08 END: LOGGER: C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
~~420~~ 420		5"	SS	2-5-7	WELL GRADED SAND (SW), brown 10YR5/3, loose, slightly moist, sub-angular to rounded, silt about 5%, trace fine gravel, gravel is angular to subrounded	Resume drilling 9/4/08, at 0800. 0930 hrs at 420 ft, collect ST106-SS-10611-420 VOC=0 ppm
		good	Cyclone grab			
~~440~~ 430		good	Cyclone grab		WELL GRADED SAND (SW), as above ~~except no gravel~~ CP 9/9/08	1140 hrs at 430 ft VOC=0 ppm
					At about 437-438, up to 10% fine to medium gravel observed (angular to subrounded, some pieces may be fragments of larger gravel	
~~450~~ 440		good	Cyclone grab		WELL GRADED SAND (SW) as above. Short intervals of more abundant medium gravel (angular to rounded) observed in cuttings	1240 hrs at 440 ft VOC=0 ppm
~~460~~ 450		good	Cyclone grab		WELL GRADED SAND with GRAVEL (SW) grayish brown 10YR5/2, loose, dry, sand is angular to rounded, gravel is about 15%, fine to medium, angular to rounded	1253 hrs at 450 ft VOC=0 ppm
~~470~~ 460		good	Cyclone grab		WELL GRADED SAND (SW), grayish brown, 10YR5/2, loose, dry to slightly moist, angular to rounded. At 465, cuttings are about 25% fine to medium gravel, angular to rounded, moist	1325 hrs at 460 ft VOC=0 ppm
~~480~~ 470		good	Cyclone grab		CP 9-7-08 POORLY GRADED SAND (SP), ~~brown 7.5YR5/2~~ loose, moist, fine grained, trace silt, pale brown 10YR6/3	1410 hrs at 470 ft VOC=0 ppm. At 1455 hrs, bit pulled - soil on base of bit is wet, no fuel odor.
480						

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: KAFB-10611

SHEET 9 OF

SOIL BORING LOG

PROJECT: TO 313

LOCATION: Randolf, W. of Super Saber Rd

ELEVATION:

DRILLING CONTRACTOR: WDC Exploration & Wells / Jeff ~~Burris~~ Burris

DRILLING METHOD AND EQUIPMENT USED: 50 K ARCH Rig #100

WATER LEVEL:

START: 9/3/08 END:

LOGGER: C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
~~470~~ 480		18"	SS	4-9-17	POORLY GRADED SAND with GRAVEL (SP), brown 10YR 5/3, fine to medium grain, loose, moist, 15% gravel (fine to coarse, angular to rounded @ 9-9-08, ~~subangular~~ largest fragment is 1.5 inches), trace clay (in 1/2-inch lumps)	Sample ST106-SS-10611-480 collected at 1505 hrs, 9/9/08 VOC=0
		fair	cyclone grab			
~~500~~ 490		fair	cyclone grab		~~WELL GRADED SAND (SW)~~ brown 10YR 4/3, loose, moist, fine gravel (subangular to rounded) about 5%	1555 hrs at 490 ft bgs VOC=0
						Stop drilling for the day at 499 ft bgs, 1630 hrs.
500		good	cyclone grab		WELL GRADED SAND (SW), dark greyish brown 10YR 4/2, loose, moist, angular to subrounded, fine gravel about 5% (angular to rounded)	H_2O level 496 ft at 0835 hrs, 9/10/08 1005 hrs at 500 ft bgs VOC = 0 ppm
510		good	cyclone grab		POORLY GRADED SAND (SP), brown 10YR ~~4/3~~ 5/3 @ 9-10-08, loose, moist, fine to medium grained, trace silt	1025 hrs at 510 ft bgs VOC = 0 ppm
					At 519, WELL GRADED SAND (SW) brown 10YR 4/3, loose, wet, angular to subrounded, trace silt.	1030 hrs at 519 ft bgs VOC = 0 ppm
520						Total Depth of boring is 519 feet, bgs.
530						

5. SEAL AND PUMP

TYPE OF PUMP: ☐ SUBMERSIBLE ☐ JET ☐ NO PUMP – WELL NOT EQUIPPED
☐ TURBINE ☐ CYLINDER ☐ OTHER – SPECIFY:

ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
	0	30	11 3/4	NEAT CEMENT		TRIMMED
	30	484	11 3/4 9 5/8	QUICK GROUT AND CHIPS		TRIMMED
	484	516	9 5/8	10/20 SAND		TRIMMED

6. GEOLOGIC LOG OF WELL

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?
			SEE ATTACHED	☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

7. TEST & ADDITIONAL INFO

WELL TEST — METHOD: ☐ BAILER ☑ PUMP ☐ AIR LIFT ☐ OTHER – SPECIFY:

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS:

8. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

SIGNATURE OF DRILLER — DATE: 10-25-08

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 2 OF 2

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

POD NUMBER (WELL NUMBER): RG-1579 -POD -48	OSE FILE NUMBER(S): RG1579
WELL OWNER NAME(S): KIRTLAND AIR FORCE BASE-ENVIRONMENTAL MANAGEMENT	PHONE (OPTIONAL): 505-853-3484
WELL OWNER MAILING ADDRESS: WAYNE BITNER - 377 MSG/CEANR 2050 WYOMING BLVD. SE	CITY: KIRTLAND AFB; STATE: NM; ZIP: 87117-5720

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	35	3	2.00	N
LONGITUDE	106	34	50.00	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS

2. OPTIONAL

(2.5 ACRE)	(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION	TOWNSHIP ☐ NORTH ☐ SOUTH	RANGE ☐ EAST ☐ WEST
¼	¼	¼	¼			

SUBDIVISION NAME	LOT NUMBER	BLOCK NUMBER	UNIT/TRACT
HYDROGRAPHIC SURVEY		MAP NUMBER	TRACT NUMBER

3. DRILLING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD1210	Bryan Nydoske	WDC EXPLORATION & WELLS

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9-03	9-11	510.5	11 3/4 9 5/8	NA

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): NA

DRILLING FLUID: ☑ AIR ☐ MUD ☐ ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)
0	210	11 3/4	PVC	FLUSH	4"	80	RISER
210	480.5	9 5/8	PVC	FLUSH	4"	80	RISER
480.5	505.5	9 5/8	SS SLOT	FLUSH	4"	40	010
505.5	510.5	9 5/8	SS	FLUSH	4"	40	RISER

4. WATER BEARING STRATA

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	YIELD (GPM)
			SEE ATTACHED	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA	TOTAL ESTIMATED WELL YIELD (GPM)

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 1 OF 2

Interstate Stream Commission
A Century of Service to New Mexico

DISTRICT 1
JOHN R. D'ANTONIO, JR., P.E.
NEW MEXICO STATE ENGINEER

Albuquerque Office
(505) 764-3888

121 Tijeras NE, Suite 2000
Albuquerque, NM 87102

August 20, 2008

OSE File No. **RG-1579**
Transaction No. 412970

Kirtland Air Force Base – Environmental Management
contact: Wayne Bitner
377 MSG/CEVR
2050 Wyoming Blvd. S.E.
Kirtland AFB, 87117

RE: **Monitoring Well no. RG-1579 POD48 - "KAFB 10612"**

Greetings:

Enclosed is your copy of the Monitoring Well Permit, which has been approved. In accordance with the Conditions of Approval, the well can only be used for monitoring purposes only unless and until a permit for a specific use has been issued by the State Engineer.

If discussion is needed, please call us.

Sincerely,

Joseph Fields
(505) 764-3888

JF:jf
enclosures as stated
cc: Santa Fe Office

HCI-439 ✓
$20.00

File Number: RG-1579
(For OSE Use Only)

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT
TO DRILL AN EXPLORATORY WELL

1. APPLICANT:

Name: Kirtland Air Force Base-Environmental Managiment
Contact: Wayne Bitner, 377 MSG/CEANR
Address: 2050 Wyoming Blvd SE
City: Kirtland AFB
Work Phone: 853-3484
Home Phone: 853-3484
State: NM Zip: 87117-5720

2. LOCATION OF WELL (A, B, C, or D required, E or F if known):

A. ____1/4 ____1/4 ____1/4 Section:____ Township:____ Range:____ N.M.P.M. in _____ County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant. U.S.G.S. Quad Map _____

C. Latitude: 35 d 03 m 04.4 s Longitude: 106 d 34 m 50.3 s within 300 Feet

D. East _____ (m), North _____ (m), UTM Zone 13, NAD __ (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the _____ Subdivision recorded in _____ County.

G. Other: _____

H. Give State Engineer File Number of existing well: _____

I. On land owned by (required): Kirtland Air Force Base

3. WELL INFORMATION:

Approximate depth 520 feet; Outside diameter of casing 4 inches.
Name of well driller and driller license number Mark Green, NMWD 1210

4. ADDITIONAL STATEMENT OR EXPLANATIONS:

Proposed well construction details attached. Well will be used for groundwater monitoring at KAFB.
Drilling is scheduled to begin 8/18/08.
Well will be in service for a minimum of 5 years.

Well ID = KAFB-10612

Do Not Write Below This Line

File Number: RG 1579 POD1 ✓
Trn Number: 412970
Form: wr-07
page 1 of 2

NEW MEXICO OFFICE OF THE STATE ENGINEER
PERMIT TO DRILL MONITORING WELL
CONDITIONS OF APPROVAL

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the following conditions of approval:

Permittee:	Kirtland Air Force Base – Environmental Management contact: Wayne Bitner, 377 MSG/CEVR 2050 Wyoming Blvd., SE, Kirtland AFB, 87117
Permit Number:	RG-1579
Application File Date:	August 7, 2008
Point of Diversion:	RG-1579 POD48, "KAFB-10612", located within 300 feet of a point where Latitude = 35 deg 03 min 04.4 sec and Longitude = 106 deg 34 min 50.3 sec, on land owned by Kirtland Air Force Base.

1. No water shall be appropriated and beneficially used under this permit.

2. The well shall be plugged upon completion of the permitted use, and a plugging report shall be filed with the State Engineer within 10 days

3. The well shall be drilled by a driller licensed in accordance with 19.27.4 NMAC.

4. Driller's well record must be filed with the State Engineer within 10 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.

5. If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

6. Well RG-1579 POD48 must be completed and the Well Record filed on or before August 20, 2009.

7. Water shall be used from well RG-1579 POD48 for monitoring purposes only unless and until a permit for a specific use has been issued by the State Engineer.

Witness my hand and seal this 20th day of August, A.D. 2008.

John R. D'Antonio, Jr., P.E., New Mexico State Engineer

By: _____

Joseph Fields
Albuquerque, OSE, District 1

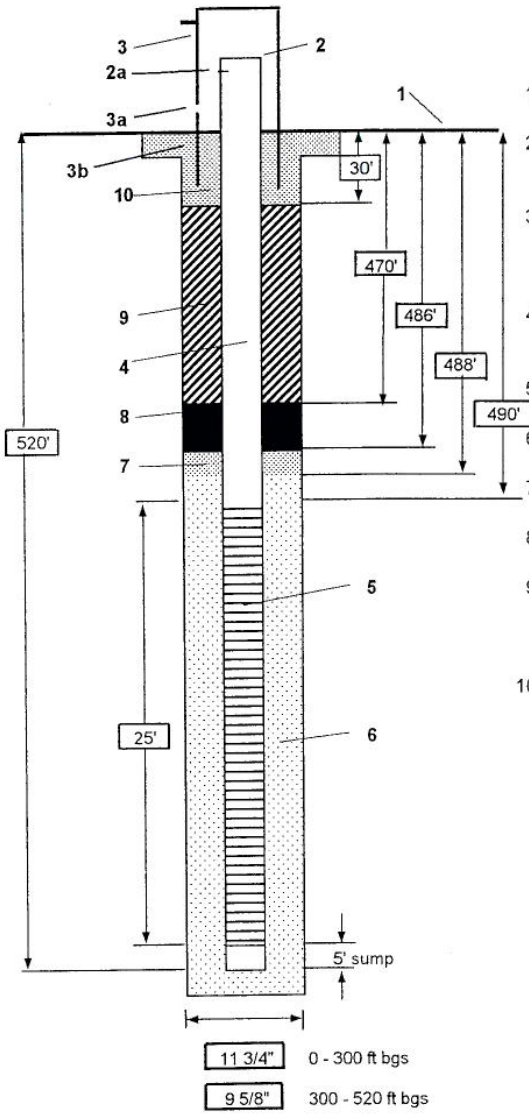
Transaction Number: 412970

CH2MHILL

PROJECT NUMBER	WELL NUMBER KAFB-10612	SHEET 1 OF 1

PROPOSED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION :
DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES :
DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K
WATER LEVEL : approximately 495' bgs START : END : LOGGER :



1- Ground elevation at well	TBD
2- Top of casing elevation	TBD
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
7- Transition sand	20/40 Colorado Silica Sand
8- Type of seal	hydrated bentonite chips
9- Grout	
a) Grout mix used	volclay bentonite grout
b) Method of placement	
10- Cement	
a) Cement mix used	portland cement grout
b) Method of placement	
Development method	
Estimated purge volume	

Comments

Not to scale

CH2MHILL

PROJECT NUMBER

WELL NUMBER KAFB - 10612

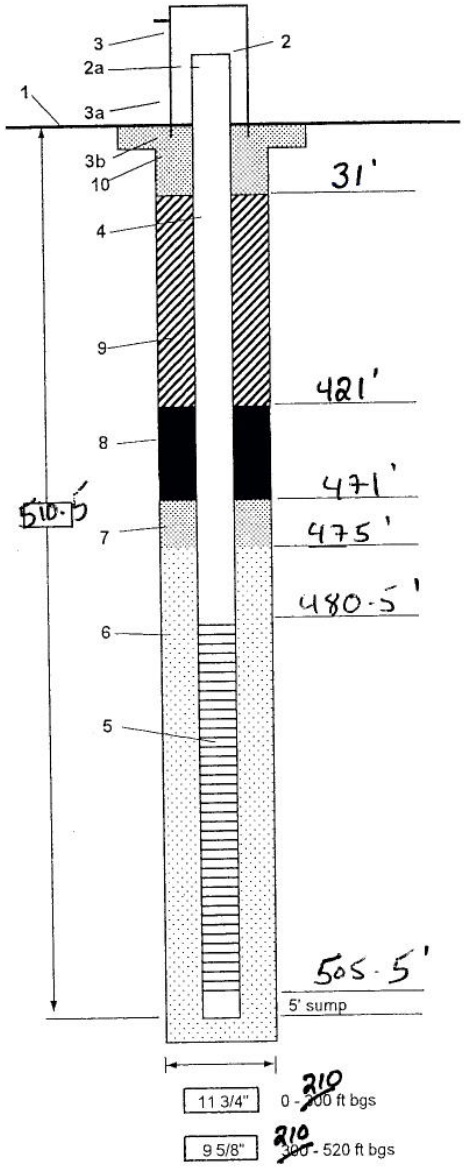
WELL COMPLETION DIAGRAM

PROJECT : KAFB Bulk Fuels Facility LOCATION : KAFB

DRILLING CONTRACTOR : WDC Exploration & Wells

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar ~~15K~~ 30K

WATER LEVELS 489.6' 9/16/08 START : 9-3-08 END : 9-11-08 LOGGER : MBrizlen + KMouzakis



Not to scale

1- Ground elevation at well	TBD
2- Top of casing elevation	approximately 3 ft above ground surface
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
a) sump	5' stainless sump below well screen
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	at least 2 feet 42 bags
7- Type of transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	1- 2 feet 3 bags
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	10 - 20 feet
9- Grout	volclay bentonite grout
a) thickness to be installed	approximately 450'
10- Cement	Portland Cement
a) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump wells with PSH will not be pumped
Development time	no more than 3 weeks after well completion

Comments: Total depth of wells to be between 500' and 520' bgs.
Top of screen to be placed 5 - 15' above water table as determined by CH2M HILL.

Some wells will require surface completion, details to be determined as needed.

All completion details subject to change.

centralizers at top & bottom of screen and every 50'

as built

CH2MHILL

PROJECT NUMBER: 376920.0502.01

BORING NUMBER: KAFB-1062 12

SHEET 1 OF

SOIL BORING LOG

PROJECT: ST106 TO313

LOCATION: inbetween 1065 & 1062

ELEVATION:

DRILLING CONTRACTOR: WDC driller Joe Villegus

DRILLING METHOD AND EQUIPMENT USED: 30K ARCH RIG

WATER LEVEL:

START: 9-3-08 1210

LOGGER: MBrisler

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
		GOOD	GRAB CYCLONE	20' drive casing 11 3/4" diameter casing	well graded sand with silt (SW-SM) 7.5 YR 5/4 brown, wet, low plasticity, sand medium to fine grained	1210 start of drilling driller adding water for dust control VOC = 0.0 ppm
10		GOOD	GRAB CYCLONE		same as above	1230 at ~10' VOC = 0.0 ppm
20		GOOD	GRAB CYCLONE	20' drive casing	same as above, dry no water added	1250 making 20-40' connection VOC = 0.0 ppm
30		GOOD	GRAB CYCLONE		well graded sand with silt (SW-SM) 7.5 YR 6/4 lt. brown dry, low plast., sand fine to coarse grained	1328 at 30' VOC = 0.0 ppm
40		GOOD	GRAB CYCLONE	20' Drive casing	same as above 5/4 brown fine to med. sand damp	1412 making 40-60' connection VOC = 0.0 ppm
50		GOOD	GRAB CYCLONE		same as above	1509 VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: KAFB-10612

SHEET 2 OF

SOIL BORING LOG

PROJECT: ST106, TO313

LOCATION: between 10645 & 10662

ELEVATION:

DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED: 30K ARCH RIG

WATER LEVEL:

START: 9/3/08

LOGGER: MBrisley

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		6"6"4"	S.S.	20-23-27	Well graded sand w/ silt & gravel SWSM 7.5YR 4/4 brown, dry low plast.	downhole VOC 0.0ppm 1558 1550 sample -ST106-SS-10612-060DUP
	GOOD		GRAB CYCLONE	20' casing	same as above no gravel	1555 DUP sample ST106-SS-10612-060DUP 1604 resume drilling
70	GOOD		GRAB CYCLONE		same as above wet	1635 at 70' driller adding water VOC=0.0
80	GOOD		GRAB CYCLONE	20' casing	well graded sand (SW) 7.5YR 5/4 brown, dry, low plast. fine to coarse grained	1723 at 80' done for the day 9/4/08 0930 making 80-100 connection 0946 start drilling VOC=0.0
90	GOOD		GRAB CYCLONE		same as above 7.5YR 5/3 brown	VOC=0.0ppm
100	GOOD		GRAB CYCLONE	20' casing	silt with sand (ML) 7.5YR 6/4 light brown, dry, loose, low plasticity, sand fine to med. grained	1057 @ 100' 1115 making 100-120 connection VOC=0.0ppm
110	GOOD		GRAB CYCLONE		same as above. 5/4 brown 5% clay in fine gravel sized clumps	1215 @ ~110 VOC=0.0ppm
120						

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: 10612

SHEET 3 OF

SOIL BORING LOG

PROJECT: ST106 & TO313 drilling

LOCATION: Randolph between 10615 & 10612

ELEVATION: TBD

DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED: 30K Arch Rig w/ Air Hammer

WATER LEVEL:

START: 9/5/08

LOGGER: M. Brisley

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		6"6"7"	S.S.	37-50R	Elastic silt (MH) 7.5YR 5/4 brown dry, hard, medium plasticity	1310 running split spoon 1320 down hole VOC=10.0ppm 1325 sample collected ST106-SS-10612-120
		~~Poor~~ Fair	GRAB CYCLONE	20' casing	No sample collected poor recovery	1330 MS collected ST106-SS-10612-120MS 1335 MSD collected ST106-SS-10612-120MSD 1336 making 120-140' connection done for the day problem w/ hammer 9-5-08 0740 start drilling at 120'
130		Good	GRAB CYCLONE		well graded sand (SW) 10YR 6/3 pale brown dry, loose, ~~low plas~~ sand fine to coarse grained	VOC=0.0 ppm ca35 @ 140' 0944 making 140-160' connection 0952 start drilling
140		Good	GRAB CYCLONE	20' casing	well graded sand with gravel (SW) 7.5YR 6/3 lt. brown wet (driller injecting water) loose,	1003 driller injecting water to clean out hole 1015 at ~150' VOC=0.1 ppm
150		Good Fair	GRAB CYCLONE		well graded gravel w/ sand (GW) 7.5YR 6/3 lt. brown, damp, loose. Sand is coarse grained	VOC=0.2ppm
					well graded sand (SW) 6/3 lt. Brown, moist, loose (at ~155')	1208 at 160'
160		Good	GRAB CYCLONE	20' casing	well graded sand with gravel (SW) 7.5YR 7/2 pinkish gray, dry, loose, sand is fine to coarse, gravel is subrounded	VOC=0.0ppm
170					no sample collected	
180						1240 at 180'

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: KAFB-10612

SHEET 4 OF

SOIL BORING LOG

PROJECT: ST106 To313 Drilling

LOCATION: Randolph between 1065 & 10602

ELEVATION:

DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED: 30F Arch rig w/ air hammer

WATER LEVEL:

START: 9/3/08

LOGGER: MBrisden

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
80		6"6"6"	S.S.	20-50R	same as above, gravel fine to medium	1350 sample ST106-SS-10612-180 VOC=0.0ppm
		GOOD	GRAB CYCLONE	20' casing	well graded sand and gravel (SW) 7.5YR 6/3 brown, damp, sand is medium to coarse no fines	1414 start pounding to 120' driller injecting water VOC=0.0ppm
90		GOOD	GRAB CYCLONE		poorly graded sand (SP) 10YR 5/3 brown, dry, loose, sand is fine grained	VOC=0.0ppm
100		GOOD	GRAB CYCLONE	10' casing	well graded sand (SW) 10YR 6/3 pale brown, dry, loose 10% fine gravel	1525 making 200-210' connection VOC=0.0 ppm 11 3/4" casing
210		GOOD	GRAB CYCLONE	10' casing	same as above 5% gravel	9-6-08 9 5/8" casing 1324 start drilling VOC=0.0ppm
220		GOOD	GRAB CYCLONE	20' casing	same as above wet from water added by driller	1410 at 220' 1420 making 220-240' connect. driller adding water to cyclone VOC=0.0ppm 1507 drilling to 240'
230		FAIR			no sample bit stuck in casing	1520 at 240'

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: KAFB-10C012

SHEET 5 OF

SOIL BORING LOG

PROJECT: ST106 TO313 Drilling

LOCATION: Randolph between 10C02 + 10C05

ELEVATION: TBD

DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED: 30K ARCH RIG; Air hammer

WATER LEVEL:

START: 9/3/08

LOGGER: M Brisben

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240		10"	S.S		well Graded SAND (SW) 10 YR 5/3 brown dry loose 10% Gravel	1605 Sample ST106-SS-10012-240 only Drove split spoon 10" VOC = 0.0 ppm
250		GOOD	Grab cyclone	20' casing	Same as above. medium to coarse sand wet from water added by driller.	1645 driving 240-260' Driller inject water VOC = 0.0 ppm
		GOOD	Grab cyclone		well Graded sand (SW) 10 YR 5/3 brown damp ~~loose~~. loose fine to medium sand.	VOC = 0.0 ppm
260		GOOD	Grab cyclone	20' casing	Poorly Graded Sand (SW) 10 YR 5/4 brown ~~damp~~ moist loose, rounded SAND. Fine Grained.	1700 at 260' done for the day. 0720 260-280' 9/7/08 connection 0732 Driller injected water 1505 drilling 260'-280' 9/9/08 VOC = 0.0 ppm
270		GOOD	Grab cyclone		Elastic Silt (MH) 7.5 YR 4/3 dark brown moist loose. Medium Plasticity.	VOC = 0.0 ppm
280		GOOD	Grab cyclone	20' casing	Well Graded Sand. (SW) 10 YR 6/3 light brown dry loose. fine to medium sand.	1525 Making 280-300' connection 1530 Drilling to 300' VOC = 0.0 ppm
290		GOOD	Grab cyclone		well Graded sand with Gravel (SW) 10 YR 6/3 light brown dry loose. 5% Gravel. fine to medium sand.	VOC = 0.0 ppm 1555 Tripping out drill pipe

CH2MHILL

PROJECT NUMBER: 371920.05.02.01

BORING NUMBER: KAEB-10612 SHEET 6 OF

SOIL BORING LOG

PROJECT: ST106 TO313 Drilling LOCATION: Randolph between 10602 + 10605

ELEVATION: TBD DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED: 30K ARCH RIG; Air Hammer

WATER LEVEL: START: 9/9/08 LOGGER: KMOUZAKIS

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300	X	10"6"6"	SS	23'-50	same As above. 50% Gravel	1615 ST106-SS-10612-300 VOC=0.0
	X	Good	Grab Cyclone	20' casing	Well Graded with Silt and Gravel (SW-SM) 10 YR 5/4 brown, Dry, loose.	1645 Making 300-320' connection VOC=0.0 ppm
310	X	Good	Grab Cyclone		Poorly graded gravel with clay (GP-GC) 10 YR 3/2 Very Dark Grayish Brown, Wet from Drill water.	1650 Drilling to 320' VOC=0.0 ppm 17:00 Done for the day.
320	X	Good	Grab Cyclone	20' casing	Well Graded Sand (SW) 10 YR 6/4 brown. Dry, loose. 5-10% Gravel.	9/10: 0714 320-340 connection 0744 Drilling to 340 VOC=0.0 ppm
330	X	Good	Grab Cyclone		Silty clay (CL) 7.5 YR 6/4 brown. Moist from water injection. Low plasticity. 15% sand and Gravel.	VOC=0.0 ppm
340	X	Good	Grab Cyclone	20' casing	Well Graded Gravel with clay and sand (GW-GC) 7.5YR 3/2 dark brown, wet (driller injecting water in cyclone) loose	0825 making 340-360' connection 0832 Drilling to 360' VOC=0.0 ppm
350	X	Good	Grab Cyclone		Well Graded Sand with Gravel (SW) 7.5 YR 5/3 brown. Dry loose. 15% Gravel.	VOC=0.0 ppm

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: KAFB-10612

SHEET 7 OF

SOIL BORING LOG

PROJECT: ST106 TO313

LOCATION: Randolph between 10612 + 10615

ELEVATION:

DRILLING CONTRACTOR:

DRILLING METHOD AND EQUIPMENT USED:

WATER LEVEL:

START:

LOGGER:

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300		12"	SS	32-50R	Well Graded Sand with Gravel. (SW) 10 YR 6/4 brown. Dry loose, 50% Gravel small to large ~~pea~~, large up to 1.5 inches	VOL=0.00 ppm 0926 sample ST106-SS-10612-300 only drove 12" 1000 making 300-380' connection
		GOOD	GRAB Cyclone	20' casing	Well Graded Sand w/ Gravel (SW) 10 YR 5/3 brown moist loose. 15% Gravel.	VOL=0.0 ppm
310		GOOD	GRAB Cyclone		Poorly Graded Sand. (SP) 10 YR 5/4 Brown moist loose. Trace Fines.	1010 Drilling to 380' VOL=0.0 ppm 1030 making 380-400' connection.
380		GOOD	Grab cyclone	20' casing	Well Graded Sand (SW) 7.5 YR 6/3 Light Brown. Dry loose. Fine to medium SAND.	1040 Drilling to 400' VOL 0.00 ppm
390		GOOD	GRAB Cyclone		Same as Above except color as 7.5 YR 6/4. and fine.	VOL=0.00 ppm
400		GOOD	Grab Cyclone	20' casing	Well Graded Sand. (SW) 7.5 YR 6/4. Dry. loose. Sand slightly bigger than Above	1100 making 400-420' connection. VOL=0.00 ppm
410		GOOD	GRAB Cyclone		well graded Sand with gravel (SW) 7.5YR 5/3 brown moist (from injection) sand med to coarse	1112 Drilling to 420 VOL=0.00 ppm 1129 at 420'

CH2MHILL

PROJECT NUMBER: 376920.05.02

BORING NUMBER: 10612

SHEET 8 OF

SOIL BORING LOG

PROJECT: ST106 TO313 Drilling

LOCATION: Randolph between 10602 & 10605

ELEVATION:

DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED: ARCH w/ Air Hammer

WATER LEVEL:

START: 9/3/08

LOGGER: MBrown & Katy Mouchis

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420		6"6"	GOOD Grab Cyclone	22-32	Well Graded SAND (SW) 7.5 YR 6/3, Light Brown, moist, loose, ~~10~~ 5% Gravel and several big gravel chunks	1200 EB sample collected ST106-EB-10612-420 VOC=0.0 ppm
				10' casing	Same as 410-420'.	1300 Making 420-440' connection VOC=0.0
430			GOOD Grab Cyclone	10' casing	Elastic SILT with SAND (MH) ~~7.5~~ 7.5 YR 5/4 brown, moist, low plasticity	1310 Drilling to 440 VOC=0.0 ppm
440			GOOD Grab Cyclone	10' casing	Poorly Graded Sand (SP) 7.5 YR 5/4 ~~Dark~~ Brown moist loose, Low Plasticity	1410 Making 440-460' connection 1425 Drilling to 460 VOC=4.0 ppm
450			GOOD Grab Cyclone	10' casing	7.5 YR 6/4 Dark brown moist loose, Low plasticity.	VOC=0.02 ppm
460			GOOD GRAB Cyclone	10' casing	Well Graded Sand (SW) 7.5 YR 6/3 Light brown Dry Loose, fine to medium sand	1520 Making 460-480' connection 1530 Drilling to 480' VOC=0.0 ppm
470			GOOD GRAB Cyclone	10' casing	Well Graded Sand, (SW) 7.5 YR 6/4 Brown Dry Loose. 10% small Gravel.	VOC=0.0 ppm

CH2MHILL

PROJECT NUMBER: 376920.05.02

BORING NUMBER: 10612

SHEET 9 OF

SOIL BORING LOG

PROJECT: ST106-T0313 Drilling

LOCATION: Randolph between 10612 + 10615

ELEVATION:

DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED: ARCH w/ Air + Hammer

WATER LEVEL:

START: 09/3/08

LOGGER: MBrisken & KMoujaes

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480	X	6"6"	SS	27-42	Well Graded Sand with Gravel (SW) 10 YR 6/3 brown moist Loose 1 to 1.5 inch Gravel	1040 sample ~~at~~ ST106-SS-10612-~~35~~480 VOC=0.0 ppm
	X	GOOD	GRAB CYCLONE	5'		
				5'	Well Graded sand (SW) 10 YR 5/2 moist loose.	VOC=0.00 ppm
490	X	GOOD	GRAB CYCLONE	5'	Well Graded Sand (SW) 10 YR 5/2 Dump loose.	
				5'		
500						VOC=0.0 ppm
	X	GOOD	GRAB CYCLONE	5'	Well graded sand with Clay (SW-SC) 10 YR 4/3 Wet. No plasticity Trace Gravel.	9/11: 1025 making 500-515' connection 1040 Drilling to 515'
				5'		VOC=0.00 ppm
510	X	GOOD	GRAB CYCL.	5'	Same As Above.	VOC=0.00 ppm
515						

TYPE OF PUMP: ☐ SUBMERSIBLE ☐ JET ☐ NO PUMP – WELL NOT EQUIPPED
☐ TURBINE ☐ CYLINDER ☐ OTHER – SPECIFY:

ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
	0	31	11 3/4	NEAT CEMENT		TRIMMED
	31	475	11 3/4 9 5/8	QUICK GROUT AND CHIPS		TRIMMED
	475	510.5	9 5/8	10/20 SAND		TRIMMED

6. GEOLOGIC LOG OF WELL

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?
			SEE ATTACHED	☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

7. TEST & ADDITIONAL INFO

WELL TEST — METHOD: ☐ BAILER ☑ PUMP ☐ AIR LIFT ☐ OTHER – SPECIFY:

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS:

8. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

SIGNATURE OF DRILLER — DATE: 10-25-08

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 2 OF 2

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

POD NUMBER (WELL NUMBER): RG-1579 -POD -50	OSE FILE NUMBER(S): RG1579
WELL OWNER NAME(S): KIRTLAND AIR FORCE BASE-ENVIRONMENTAL MANAGEMENT	PHONE (OPTIONAL): 505-853-3484
WELL OWNER MAILING ADDRESS: WAYNE BITNER - 377 MSG/CEANR 2050 WYOMING BLVD. SE	CITY: KIRTLAND AFB; STATE: NM; ZIP: 87117-5720

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	35	3	10.00	N
LONGITUDE	106	34	46.00	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS

2. OPTIONAL

(2.5 ACRE)	(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION	TOWNSHIP	RANGE
¼	¼	¼	¼		☐ NORTH ☐ SOUTH	☐ EAST ☐ WEST

SUBDIVISION NAME	LOT NUMBER	BLOCK NUMBER	UNIT/TRACT

HYDROGRAPHIC SURVEY	MAP NUMBER	TRACT NUMBER

3. DRILLING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD1210	Bryan Nydoske	WDC EXPLORATION & WELLS

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9-19	9-26	516.5	11 3/4 9 5/8	NA

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): NA

DRILLING FLUID: ☑ AIR ☐ MUD ☐ ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)
0	200	11 3/4	PVC	FLUSH	4"	80	RISER
200	486.5	9 5/8	PVC	FLUSH	4"	80	RISER
486.5	511.5	9 5/8	SS SLOT	FLUSH	4"	40	010
511.5	516.5	9 5/8	SS	FLUSH	4"	40	RISER

4. WATER BEARING STRATA

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	YIELD (GPM)
			SEE ATTACHED	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA	TOTAL ESTIMATED WELL YIELD (GPM)

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 1 OF 2

Interstate Stream Commission

DISTRICT I

JOHN R. D'ANTONIO, JR., P.E.
STATE ENGINEER

121 Tijeras NE, Suite 2000
Albuquerque, NM 87102
(505) 764-3888

September 26, 2008

FILE: RG-1579 POD 50

Kirtland Air Force Base – Environmental Management
Contact: Wayne Bitner 377MSG/CEANR
2050 Wyoming Blvd. SE
Kirkland AFB, NM 87117-5720

Greetings:

Enclosed is your copy of Permit to Drill a Monitoring Well, numbered above, which has been approved subject to the Conditions of Approval attached thereto.

Sincerely,

Jeffrey L. Peterson
Water Resource Specialist Senior

JLP: wgc
Enclosure as stated
cc: W.A.T.E.R.S. Project

HC-43+00
#15

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO DRILL A MONITORING WELL

1. APPLICANT:

Name: Kirtland Air Force Base-Environmental Management Work Phone: 505/853-3484
Contact: Wayne Bitner 377MSG/CEANR Home Phone: 505/853-3484
Address: 2050 Wyoming Blvd., SE

City: Albuquerque State: NM Zip: 87117-5720

2. LOCATION OF WELL (A, B, C, or D required, E or F if known):

A. ___1/4 ___1/4 ___1/4 Section:___ Township:___ Range:___ N.M.P.M. in _____ County.

B. X =_____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant. U.S.G.S. Quad Map _____

C. Latitude: 35 d 03 m 10.7 Longitude: 106 d 34 m 47.6 s

D. East _____ (m), North _____ (m), UTM Zone 13, NAD 83 (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the _____ Subdivision recorded in _____ County.

G. Other: _____

H. Give State Engineer File Number of existing well: _____

I. On land owned by (required): U.S. Veterans Affairs Medical Center

3. WELL INFORMATION:

Approximate depth 520 feet; Outside diameter of casing 4 inches.
Name of well driller and driller license number Mark Green, NMWD1210

4. ADDITIONAL STATEMENT OR EXPLANATIONS:

Diagram showing proposed well completion details is attached.
Well will be used for groundwater monitoring at Kirtland AFB.
Drilling is scheduled to begin on 18 September 2008.
Monitoring well will be in service for a minimum of five years.
Well ID = KAFB-10617.

~~File~~ POD Number: R6-15791-0050 Trn Number: 414967
Form: wr-07 page 1 of 2

CH2MHILL

PROJECT NUMBER

WELL NUMBER KAFB-10617 SHEET 1 OF 1

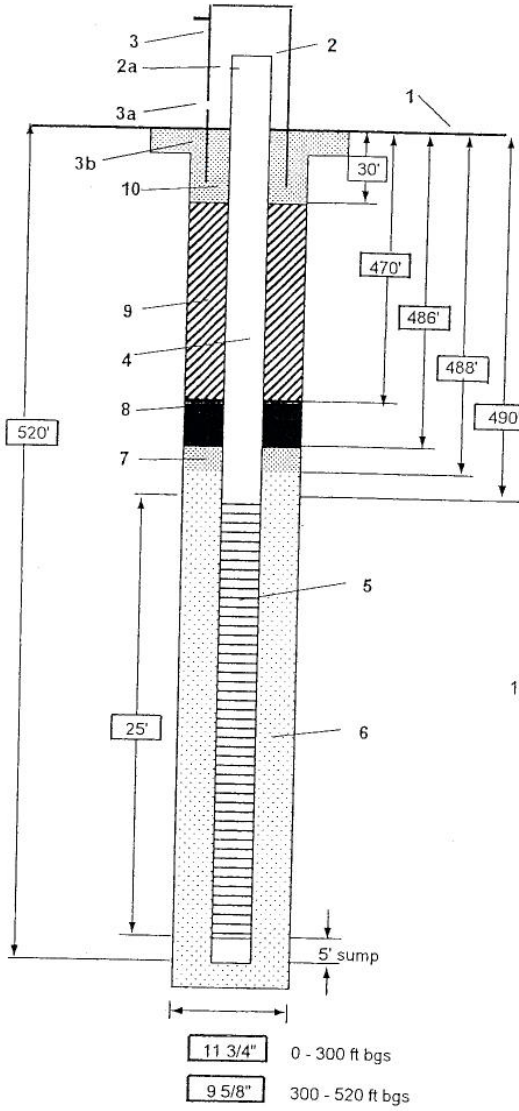
PROPOSED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION : VAMC Parking Lot, Southeast of VAMC Hospital

DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K

WATER LEVEL : approximately 495' bgs START : END : LOGGER :



1- Ground elevation at well	TBD
2- Top of casing elevation	TBD
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
7- Transition sand	20/40 Colorado Silica Sand
8- Type of seal	hydrated bentonite chips
9- Grout	
a) Grout mix used	volclay bentonite grout
b) Method of placement	
10- Cement	
a) Cement mix used	portland cement grout
b) Method of placement	
Development method	
Estimated purge volume	

Comments

Not to scale

NEW MEXICO OFFICE OF THE STATE ENGINEER
PERMIT TO EXPLORE
CONDITIONS OF APPROVAL

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the following conditions of approval:

Permittee: Kirtland Air Force Base – Environmental Management
Contact: Wayne Bitner 377MSG/CEANR
2050 Wyoming Blvd. SE
Kirkland AFB, NM 87117-5720

Permit Number: RG-1579 POD 50

Application File Date: September 17, 2008

Point of Diversion: RG-1579 POD 50 (KAFB-10617) located at 35 degrees 3 minutes 10.7 seconds Latitude and 106 degrees 34 minutes 47.6 seconds Longitude, Bernalillo County, New Mexico.

1. No water shall be appropriated and beneficially used under this permit.

2. A driller licensed in the State of New Mexico in accordance with 19.27.4 NMAC shall drill the well.

3. A complete and properly executed Well Record on the form provided by the State Engineer shall be filed in accordance with Subsection K of 19.27.4.29 NMAC. Test data shall be filed not later than ten (10) days after completion of the aquifer/pump test(s).

4. No water shall be diverted from this well except for testing purposes, which shall not exceed ten (10) cumulative days. Upon completion of the monitoring program, the well shall be plugged in accordance with Subsection C of 19.27.4.30 NMAC, unless a permit to use water from this well is acquired from the Office of the State Engineer.

5. If artesian water is encountered, the permittee and driller shall comply with Subsection C of 19.27.4.31 NMAC.

6. RG-1579 POD 50 must be completed and the Well Record filed on or before September 30, 2009.

Witness my hand and seal this 26th day of September 2008.

John R. D'Antonio, Jr., P.E., State Engineer

By: _____
Jeffrey L. Peterson
Water Resource Specialist Senior
District 1

CH2MHILL

PROJECT NUMBER

BORING NUMBER 10613

SHEET 1 OF

SOIL BORING LOG

PROJECT: ST10C To 313

LOCATION:

ELEVATION:

DRILLING CONTRACTOR: WDC, Driller Joe Villegas

DRILLING METHOD AND EQUIPMENT USED:

WATER LEVEL:

START: 9-19-08 1143

LOGGER: M Brisden

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
			NONE	20' casing	no sample collected	9-19-08 1143 start ~~drilling~~ 0-8' pot holed by ABASTO at 1800 on 9/19
10		GOOD	GRAB CYCLONE		Silt (ML) 5YR 4/6 yellowish red, dry, 5% clay	VOC = 0.2ppm
20		GOOD	GRAB CYCLONE	20' casing	Silt with sand (ML) 5YR 5/4 brown, dry, loose	1214 0-20' installed 1230 start 20-40' VOC = 0.3ppm
30		GOOD	GRAB CYCLONE		Well graded sand with gravel (SW) 7.5YR 6/3 lt. brown, dry, loose, gravel is fine and sub-angular	VOC = 0.4ppm
40		GOOD	GRAB CYCLONE	20' casing	Same as 20-30'	1254 20-40 installed VOC = 0.0ppm
50					Same as 10-20'	1339

CH2MHILL

PROJECT NUMBER

BORING NUMBER 10613

SHEET 2 OF

SOIL BORING LOG

PROJECT: ST10G - T0313

LOCATION: VA Parking Lot

ELEVATION:

DRILLING CONTRACTOR: WDC, Driller Joe Villegas

DRILLING METHOD AND EQUIPMENT USED:

WATER LEVEL:

START: 9-19-08

LOGGER: M Brisley

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60	6"6"6"		S.S.	12-17-27	Silt with sand (ML) ~~7.5YR~~ 10YR 5/6 yellowish brown, ~~moist~~ dry/loose	~~1400 sample~~ VOC = 0.0 ST10G-SS-10613-060
			Donut	20' casing	same as split spoon	
70			~~GRAB~~ CYCLONE		no sample collected	
80			GRAB CYCLONE	20' casing	elastic silt (MH) ~~low plasticity~~ 10YR 5/6 brown, moist, low plasticity	1430 80-100' connection VOC=0.0ppm
90			GRAB CYCLONE		poorly graded fine sand (SP) 7.5YR 5/4 brown, dry, loose <5% coarse sand	1445 @ ~90' VOC=0.0ppm
100			GRAB CYCLONE	20' casing	silt (ML), 10YR 5/6 yellowish brown, dry, loose	1500 100-120' connection VOC=0.0ppm
110			GRAB CYCLONE		no sample collected	1540 at 120'

CH2MHILL

PROJECT NUMBER

BORING NUMBER KAFB-10613 SHEET 3 OF

SOIL BORING LOG

PROJECT: ST106 TO313 LOCATION: VA parking lot

ELEVATION: DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED: ARCH 30K rig w/ Air hammer

WATER LEVEL: START: 9-19-08 LOGGER: MBrisben

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		6"6"4"	S.S.	29-50R	Silt (ML) 10YR 5/6 yellowish red, moist, loose. (2" hard clay)	1555 Sample collected ST106-SS-10613-120' 1607 resume drilling
		~~GRAB~~	~~MGRAB~~		no sample hose clogged	1610 hose clogged, trying to clear
130		None	—		no sample, hose clogged no recovery during drilling	
140		Good	GRAB CYCLONE		well graded sand (SW) 7.5YR 4/3 brown, dry, loose	7-19-08 0738 start drilling 7-20-08 0738 VOC=0.0ppm
150					same as above	VOC=~~0ppm~~ 0.0ppm
160					same as above	0859 140-160', installed VOC=0.0ppm
170			GRAB CYCLONE		same as above	VOC=0.0ppm
180						1002 160-180' installed

CH2MHILL

PROJECT NUMBER

BORING NUMBER KAFB-10613

SHEET 4 OF 5

SOIL BORING LOG

PROJECT: ST106 70313

LOCATION: VA Parking Lot

ELEVATION:

DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED:

WATER LEVEL:

START: 9-19-08

LOGGER: MBrisum, KMouzaki

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180	6'6'5"	GOOD	SS GRAB CYCLONE	37-50R	180-180.5 well graded sand with gravel (SW) 7.5 YR 5/4 brown dry loose	1030 Sample collected ST106-SS-10613-180
				20' casing	180.5-181.5 well graded sand (SW) 7.5 YR 5/4 brown dry loose	1025 DUP collected ST106-SS-10613-180DUP
190		FAIR	GRAB CYCLONE		181.5-190 same as above	
					Same as above	VOC=0.0ppm
200		FAIR-	GRAB CYCLONE	20' casing	Well Graded Gravel with Sand (GW) 7.5 YR 5/4 brown. Dry. loose. slight amount of clay	1120 at 200' 09/21: 0900: Making 200-220' connection 0930 Drilling 200-220' VOC = 0.0ppm
210		GOOD	GRAB CYCLONE		Well Graded Sand. (SW) 7.5 YR 5/5 brown. Moist. Loose. Trace gravel-small size.	VOC = 0.0 ppm
220		GOOD	GRAB CYCLONE	20' casing	Same AS ABOVE	0955 Making 220-240' connection 1005 Drilling 220-240'
230		GOOD	Grab cyclone		Well Graded SAND with Gravel (SW) 7.5 YR 5/5 brown. moist. loose	VOC=0.0 ppm
240						

CH2MHILL

PROJECT NUMBER

BORING NUMBER KAFB-10613 SHEET 5 OF

SOIL BORING LOG

PROJECT: ST10e T0313 LOCATION: VA Parking Lot

ELEVATION:

DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED:

WATER LEVEL:

START: 9-19-08 LOGGER: KMOUZAKIS

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240	X	4"	SS	50R	~~Medium Sand~~ Well Graded Gravel (GW) 5YR 6/3 Trace fine sand	10:35 Sample ST10e-SS-10613-240 could not be collected for testing. Only 4 in of gravel collected. VOC = 0.0 ppm
		GOOD	~~8~~ ~~L~~ casing GRAB	10' casing	Well Graded Sand w/ Gravel (SW) 10 YR 6/4. Dry loose.	VOC = 0.0 ppm
250		GOOD	10' casing GRAB Cyclone	10' casing	SILT (ML) 10 YR 6/5 No plasticity.	1105 making 240-260' connection 1110 Drilling to 260' VOC = 0.0 ppm
260		FAIR	GRAB Cyclone	20' casing	Well Graded Sand (SW) 7.5 YR 5/5 brown. Moist Loose.	1135 making 260-280' connection 1150 Drilling 260-280' VOC = 0.0 ppm
270		GOOD	GRAB Cyclone		Elastic SILT (MH) 10 YR 4/4 Brown. Moist. Loose. ~~Low pl~~ medium plasticity.	1215 Cyclone clogged VOC = 0.0 ppm
280		GOOD	GRAB Cyclone	20' casing	SAME AS ABOVE except color is ~~7~~ 10 YR 5/6.	1330 making 280-300' connection 1340 Drilling 280-300' VOC = 0.0 ppm
290		GOOD	GRAB Cyclone		Well Graded Gravel with Sand (GW) 7.5 YR 6/4. Dry loose. 40% sand.	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER

BORING NUMBER KAFB-1013 SHEET 8 OF

SOIL BORING LOG

PROJECT:

LOCATION: VA Parking Lot

ELEVATION:

DRILLING CONTRACTOR:

DRILLING METHOD AND EQUIPMENT USED:

WATER LEVEL:

START: 9-19-08

LOGGER: KMOUZAKIS

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
						1400
300	X	11'	SS	27-50R	Well Graded sand with Gravel (SW) 7.5 YR 6/4. Dry to Moist. Loose. Trace clay	Sample ST106-SS-1013-300
	X	GOOD	GRAB Cyclone	20' casing	Well Graded Gravel with Sand (GW) 7.5 YR 5/4 Dry. Loose.	VOC=0.0 ppm 1410 making 300-320 connection 1420 Drilling to 320 VOC=0.0 ppm
310	X	GOOD	GRAB Cyclone		Well Graded sand (SW) 5 YR 6/4. Dry. Loose Fine to coarse sand. 10% Gravel.	1445 Making 320-340 connection 1450 Drilling to 340' VOC=0.0 ppm
320	X	GOOD	Grab Cyclone	20' casing	Poorly Graded Sand (SP) 7.5 YR 5/4. Dry to Moist. Loose. Trace Gravel.	1510 Problem w. Air Pressure ~~1640 making~~ VOC=0.0 ppm
330	X	GOOD	GRAB Cyclone		Well Graded Gravel with Sand (GW) 7.5 YR 5/3 Dry loose 20% Sand	VOC=0.0 ppm
340	X	GOOD	GRAB Cyclone	20' casing	Well Graded Sand (SW) 7.5 YR 6/5. Dry to Moist. Loose.	1640 making 340-360 connection 1650 Drilling to 360 VOC=0.0 ppm
350	X					1715 Done for the Day
360						

CH2MHILL

PROJECT NUMBER

BORING NUMBER KAFB-10613 SHEET 7 OF

SOIL BORING LOG

PROJECT

LOCATION: VA Parking Lot

ELEVATION

DRILLING CONTRACTOR: WDC - Driller - Joe

DRILLING METHOD AND EQUIPMENT USED:

WATER LEVEL:

START:

LOGGER: KMouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
						9/22/08: 0800 Sample ST100-SS-10613-360
360	X	7"	SS	27-50-50	Well Graded Sand (SW) 7.5 YR 5/4. Moist Loose. 5% Gravel	VOC=0.0 ppm
	X	GOOD	GRAB Cyclone	20' casing	Well Graded Sand with Gravel (SW) 10 YR 4/5. Moist. Loose.	9/22: making 360-380' connection 0800 0808: Drilling 360-380' VOC=0.0 ppm
370	X	GOOD	GRAB CYCLONE		Well Graded Sand (SW) 10 YR 6/2. Moist. Loose. Med to coarse sand.	VOC=0.0 ppm
380	X	GOOD	GRAB CYCLONE	20' casing	Well Graded Sand (SW) 7.5 YR 6/3. Dry. Loose. Trace Gravel.	0840 making 380-400 connection 0850 Drilling to 400' VOC=0.0 ppm
390	X	GOOD	GRAB CYCLONE		Same as above	VOC=0.0 ppm
400	X	GOOD	GRAB CYCLONE	20' casing	Elastic Silt (MH) 7.5 YR 4/5. Dry to Moist. Loose. Low to Medium Plasticity.	0925 making 400-420 connection 0930 Drilling to 420' VOC=0.0 ppm
410	X	GOOD	GRAB CYCLONE		Well Graded Sand (SW) 7.5 YR 5/5. Moist. Loose. Driller had injected water into cyclone.	VOC=0.0 ppm
420						

CH2MHILL

PROJECT NUMBER

BORING NUMBER KAFB-10613 SHEET 8 OF

SOIL BORING LOG

PROJECT:
LOCATION: VA Parking Lot
ELEVATION:
DRILLING CONTRACTOR: WDC-Driller-Joe
DRILLING METHOD AND EQUIPMENT USED:
WATER LEVEL:
START:
LOGGER: Kmouzaki's

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
						1000
420	X	9"	SS	12-20-50	Well Graded Sand with Gravel (SW) 10 YR 5/4. Moist. Loose.	Sample ST100-SS-10613-420 VOC=0.00 ppm
	X	GOOD	GRAB CYCLONE	20' casing	Well Graded Sand with Gravel (SW) 10 YR 5/5 ~~Moist~~ Loose Gravel is small - 1/2 in and less. Dry	1010 making 420-440 connection 1020 Drilling to 420-440' VOC=0.00 ppm
430	X	GOOD	GRAB CYCLONE		Same as 420 - 421.5!	VOC=0.0 ppm
440	X	GOOD	GRAB CYCLONE	20' casing	Well Graded Sand (SW) 10 YR 6/3. Moist. Loose	1045 making 440-460 conn. 1050 Drilling 440-460 VOC=0.0 ppm
450	X	GOOD	GRAB CYCLONE		Same as 400-410 Elastic SILT (MH) 7.5 YR 4/5. MOIST Loose. Low to MED Plasticity	VOC=0.0 ppm
460	X	GOOD	GRAB CYCLONE	10' casing	Well Graded Gravel with SAND (GW) 10 YR 6/3 brown. Dry. Loose.	1130 making 460-480 connection 1140 Drilling 460-480' VOC=0.0 ppm
470	X	GOOD	GRAB CYCLONE	10' casing	Well Graded Gravel (GW) 5 YR 6/1. Dry. Loose Trace Sand	VOC=0.0 ppm
480						

CH2MHILL

PROJECT NUMBER

BORING NUMBER KAFB-10613 SHEET 9 OF

SOIL BORING LOG

PROJECT:

LOCATION: VA Parking Lot

ELEVATION:

DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED:

WATER LEVEL:

START:

LOGGER: K MOUZAKIS

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		6"	SS	100	Well Graded Sand with clay (SW-SC) 10YR 6/3. Dry to moist. Loose.	ST10K-SS-10613-480 Sample @ 1220 VOC=0.0 ppm
		GOOD	GRAB CYCLONE	5'		1245 making 480-500' connection
				10'	Well Graded Sand (SW) 10YR 6/4. MOIST. LOOSE.	1250 Drilling to 500' VOC=0.0ppm
490		GOOD	GRAB CYCLONE	5'	Well Graded Sand (SW) 10YR 5/4. Very moist. Loose	1420 making 500-515' connection 1530 Drilling to 515' VOC=0.0 ppm
500		GOOD	GRAB CYCLE	10'	Well Graded Sand (SW) 7.5YR 4/4. Wet. Loose. Trace Gravel.	VOC=0.0ppm
510		GOOD	GRAB CYCLE	5'	Well Graded Sand (SW) 7.5YR 5/5. WET. Standing water	VOC=0.0 ppm Done for the Day 09/23: Drilling 1 ft to 516'
515						

CH2MHILL

PROJECT NUMBER

WELL NUMBER KAFB - 10613

WELL COMPLETION DIAGRAM

PROJECT : KAFB Bulk Fuels Facility

LOCATION : ~~SW of Bulk Fuels~~ VA Parking lot

DRILLING CONTRACTOR : WDC Exploration & Wells

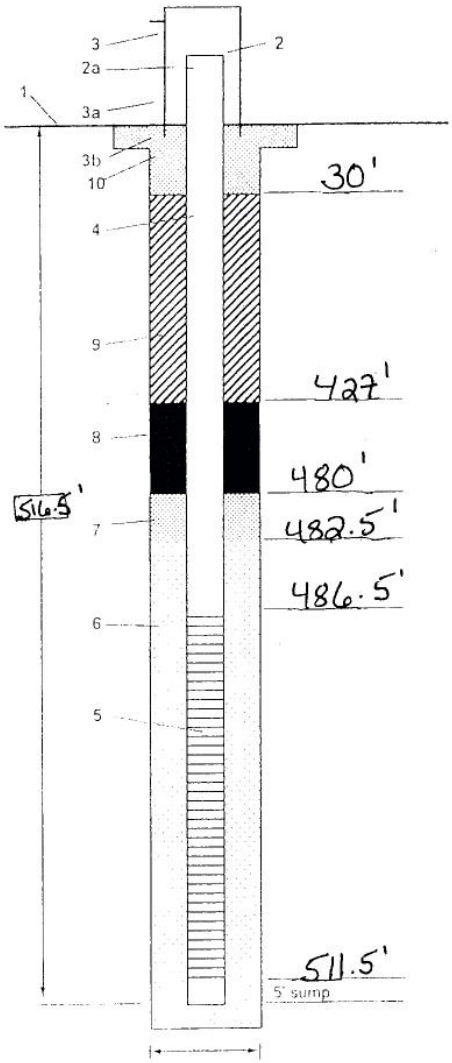
DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K

WATER LEVELS 495.9'

START :

END :

LOGGER : ~~T. Aarowood~~ K. Mouzakis



1-	Ground elevation at well	TBD
2-	Top of casing elevation	approximately 3 ft above ground surface
	a) vent hole?	no
3-	Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
	a) weep hole?	no
	b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4-	Dia./type of well casing	4" schedule 80 PVC
5-	Type/slot size of screen	stainless steel 0.010" slot
	a) sump	5' stainless sump below well screen
6-	Type screen filter	10/20 Colorado Silica Sand
	a) thickness to be installed	~~at least 2 feet~~ 4' above screen
7-	Type of transition sand	20/40 Colorado Silica Sand
	a) thickness to be installed	~~1-2 feet~~ 2.5'
8-	Type of seal	hydrated bentonite chips
	a) thickness to be installed	~~10 - 20 feet~~ 5.3'
9-	Grout	volclay bentonite grout
	a) thickness to be installed	approximately ~~450'~~ 400'
10-	Cement	Portland Cement
	a) thickness to be installed	30' (from ground surface to 30' bgs)
	Development method	bail, swab, bail, pump wells with PSH will not be pumped
	Development time	no more than 3 weeks after well completion

Comments: Total depth of wells to be between 500' and 520' bgs.
Top of screen to be placed 5 - 15' above water table as determined by CH2M HILL.

Some wells will require surface completion, details to be determined as needed.

All completion details subject to change.

11 3/4" 0 - 300 ft bgs

9 5/8" 300 - 520 ft bgs

Not to scale

- centralizers at top + bottom of screen and every 50'

all depths below ground surface

5. SEAL AND PUMP

TYPE OF PUMP: ☐ SUBMERSIBLE ☐ JET ☐ NO PUMP – WELL NOT EQUIPPED ☐ TURBINE ☐ CYLINDER ☐ OTHER – SPECIFY:

ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
	0	30	11 3/4	NEAT CEMENT		TRIMMED
	30	480	11 3/4 9 5/8	QUICK GROUT AND CHIPS		TRIMMED
	480	516.5	9 5/8	10/20 SAND		TRIMMED

6. GEOLOGIC LOG OF WELL

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?
			SEE ATTACHED	☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

7. TEST & ADDITIONAL INFO.

WELL TEST — METHOD: ☐ BAILER ☑ PUMP ☐ AIR LIFT ☐ OTHER – SPECIFY:

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS:

8. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

SIGNATURE OF DRILLER — DATE: 10-25-08

WELL RECORD & LOG (Version 6/9/08)

FOR OSE INTERNAL USE

FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 2 OF 2

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

POD NUMBER (WELL NUMBER)	RG-1579 -POD -51
OSE FILE NUMBER(S)	RG1579
WELL OWNER NAME(S)	KIRTLAND AIR FORCE BASE-ENVIRONMENTAL MANAGEMENT
PHONE (OPTIONAL)	505-853-3484
WELL OWNER MAILING ADDRESS	WAYNE BITNER - 377 MSG/CEANR 2050 WYOMING BLVD. SE
CITY	KIRTLAND AFB
STATE	NM
ZIP	87117-5720

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	35	3	2.00	N
	LONGITUDE	106	34	38.00	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS

2. OPTIONAL

(2.5 ACRE)	(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION	TOWNSHIP	RANGE
¼	¼	¼	¼		☐ NORTH ☐ SOUTH	☐ EAST ☐ WEST

SUBDIVISION NAME	LOT NUMBER	BLOCK NUMBER	UNIT/TRACT

HYDROGRAPHIC SURVEY	MAP NUMBER	TRACT NUMBER

3. DRILLING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD1210	Bryan Nydoske	WDC EXPLORATION & WELLS

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9-23	9-30	516	11 3/4 9 5/8	NA

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): NA

DRILLING FLUID: ☑ AIR ☐ MUD ☐ ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)
0	200	11 3/4	PVC	FLUSH	4"	80	RISER
200	486	9 5/8	PVC	FLUSH	4"	80	RISER
486	511	9 5/8	SS SLOT	FLUSH	4"	40	010
511	516	9 5/8	SS	FLUSH	4"	40	RISER

4. WATER BEARING STRATA

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	YIELD (GPM)
			SEE ATTACHED	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA	TOTAL ESTIMATED WELL YIELD (GPM)

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 1 OF 2

Interstate Stream Commission

DISTRICT I

JOHN R. D'ANTONIO, JR., P.E.
STATE ENGINEER

121 Tijeras NE, Suite 2000
Albuquerque, NM 87102
(505) 764-3888

September 26, 2008

FILE: RG-1579 POD 51

Kirtland Air Force Base – Environmental Management
Contact: Wayne Bitner 377MSG/CEANR
2050 Wyoming Blvd. SE
Kirkland AFB, NM 87117-5720

Greetings:

Enclosed is your copy of Permit to Drill a Monitoring Well, numbered above, which has been approved subject to the Conditions of Approval attached thereto.

Sincerely,

Jeffrey L. Peterson
Water Resource Specialist Senior

JLP: wgc
Enclosure as stated
cc: W.A.T.E.R.S. Project

HG-43758
#15

File Number: RG 1579

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO DRILL A MONITORING WELL

1. APPLICANT:

Name: Kirtland Air Force Base-Environmental Management Work Phone: 505/853-3484
Contact: Wayne Bitner 377MSG/CEANR Home Phone: 505/853-3484
Address: 2050 Wyoming Blvd., SE

City: Albuquerque State: NM Zip: 87117-5720

2. LOCATION OF WELL (A, B, C, or D required, E or F if known):

A. ___1/4 ___1/4 ___1/4 Section:___ Township:___ Range:___ N.M.P.M. in _____ County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant. U.S.G.S. Quad Map _____

C. Latitude: 35 d 03 m 03.7 Longitude: 106 d 34 m 38.8 s

D. East _____ (m), North _____ (m), UTM Zone 13, NAD 83 (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the _____ Subdivision recorded in _____ County.

G. Other: _____

H. Give State Engineer File Number of existing well: _____

I. On land owned by (required): Kirtland Air Force Base

3. WELL INFORMATION:

Approximate depth 520 feet; Outside diameter of casing 4 inches.
Name of well driller and driller license number Mark Green, NMWD1210

4. ADDITIONAL STATEMENT OR EXPLANATIONS:

Diagram showing proposed well completion details is attached.
Well will be used for groundwater monitoring at Kirtland AFB.
Drilling is scheduled to begin on 18 September 2008.
Monitoring well will be in service for a minimum of five years.
Well ID = KAFB-10616.

POD File Number: RG 1579 POD1 Trn Number: 444967
Form: wr-07 page 1 of 2

CH2MHILL

PROJECT NUMBER

WELL NUMBER KAFB-10616 SHEET 1 OF 1

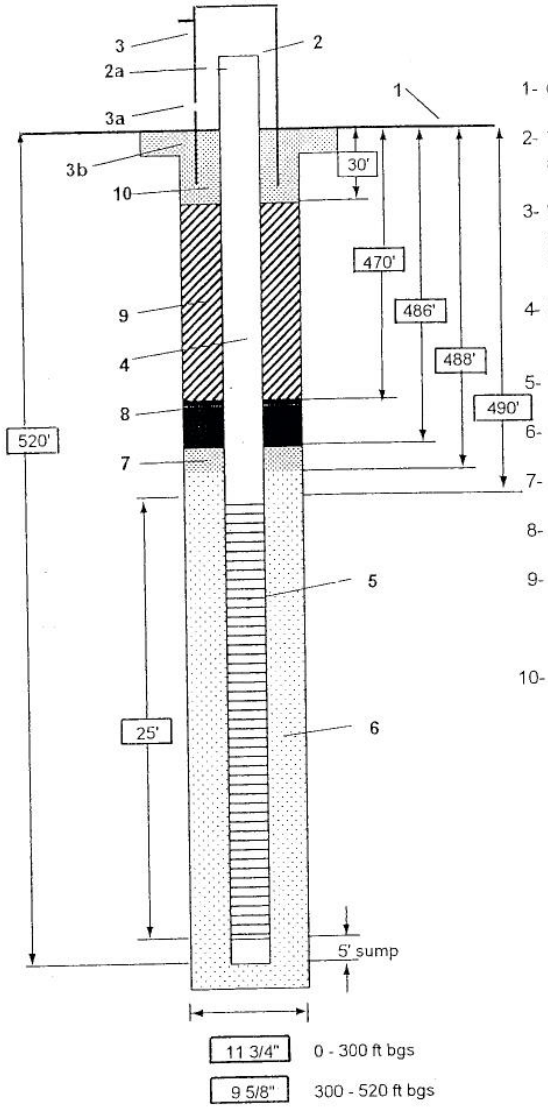
PROPOSED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION : KAFB north side of Randolph Ave east of Fuels Drive.

DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K

WATER LEVEL : approximately 495' bgs START : END : LOGGER :



1- Ground elevation at well	TBD
2- Top of casing elevation	TBD
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
7- Transition sand	20/40 Colorado Silica Sand
8- Type of seal	hydrated bentonite chips
9- Grout	
a) Grout mix used	volclay bentonite grout
b) Method of placement	
10- Cement	
a) Cement mix used	portland cement grout
b) Method of placement	
Development method	
Estimated purge volume	

Comments

Not to scale

NEW MEXICO OFFICE OF THE STATE ENGINEER
PERMIT TO EXPLORE
CONDITIONS OF APPROVAL

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the following conditions of approval:

Permittee: Kirtland Air Force Base – Environmental Management
Contact: Wayne Bitner 377MSG/CEANR
2050 Wyoming Blvd. SE
Kirkland AFB, NM 87117-5720

Permit Number: RG-1579 POD 51

Application File Date: September 17, 2008

Point of Diversion: RG-1579 POD 51 (KAFB-10616) located at 35 degrees 3 minutes 3.7 seconds Latitude and 106 degrees 34 minutes 38.8 seconds Longitude, Bernalillo County, New Mexico.

1. No water shall be appropriated and beneficially used under this permit.

2. A driller licensed in the State of New Mexico in accordance with 19.27.4 NMAC shall drill the well.

3. A complete and properly executed Well Record on the form provided by the State Engineer shall be filed in accordance with Subsection K of 19.27.4.29 NMAC. Test data shall be filed not later than ten (10) days after completion of the aquifer/pump test(s).

4. No water shall be diverted from this well except for testing purposes, which shall not exceed ten (10) cumulative days. Upon completion of the monitoring program, the well shall be plugged in accordance with Subsection C of 19.27.4.30 NMAC, unless a permit to use water from this well is acquired from the Office of the State Engineer.

5. If artesian water is encountered, the permittee and driller shall comply with Subsection C of 19.27.4.31 NMAC.

6. RG-1579 POD 51 must be completed and the Well Record filed on or before September 30, 2009.

Witness my hand and seal this 26th day of September 2008.

John R. D'Antonio, Jr., P.E., State Engineer

By: _____
Jeffrey L. Peterson
Water Resource Specialist Senior
District 1

CH2MHILL

PROJECT NUMBER: 376920.05.02.01

BORING NUMBER: KAFB - ~~10616~~ 10614 (9-24-08) SHEET 1 OF

SOIL BORING LOG

PROJECT: TO 313
LOCATION: Randolf, East of bldg 1024
ELEVATION:
DRILLING CONTRACTOR: WDC Exploration and Wells / Jeff Burris
DRILLING METHOD AND EQUIPMENT USED: Speedstar 50K, rig #106, ARCH tooling
WATER LEVEL:
START: 9/23/08, 1545 END:
LOGGER: C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0		good	Cyclone grab		Fill from potholing crew, 0-8 ft	
10		good	Cyclone grab		SILT, (ML), brown 7.5YR 5/4, dry, soft, trace fine sand	1550 hrs at 10 ft bgs VOC = 0 ppm
20		good	Cyclone grab		SILT, (ML), as above, except about 5% fine to medium grain sand, trace caliche	1620 hrs at 20 ft bgs VOC = 0 ppm
30		good	Cyclone grab		SILT (ML), as for 10-foot interval above	1625 hrs at 30 ft bgs VOC = 0 ppm
40		good	Cyclone grab		SILT (ML), light brown 7.5YR 6/3, dry, soft, about 5% fine to coarse sand-sized caliche fragments, trace fine silica sand	1652 hrs at 40 ft bgs VOC = 0 ppm Casing advancement slowed below 40' bgs.
50		good	Cyclone grab		SILT (ML), as for 40-foot depth above, except brown 7.5YR 5/4	1705 hrs at 50 ft bgs VOC = 0 ppm
60						Stop drilling for the day at 1715 hrs, about 60 ft bgs.

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: 10614

SHEET 2 OF

SOIL BORING LOG

PROJECT: TO 313

ELEVATION:

LOCATION: Randolf, East of Bldg 1024

DRILLING CONTRACTOR: WPX Exploration and Wells / Jeff Burris

DRILLING METHOD AND EQUIPMENT USED: Speedstar 50K, rig #106, ARCH

WATER LEVEL:

START: 9/23/08 END:

LOGGER: C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
60		6 inches	SS	9-12-16	SILT (ML), light brown 7.5YR 6/3, dry, soft, 30% coarse sand-sized to fine gravel-size pieces of caliche, trace fine gravel	Collect sample ST106-SS-10614-060 at 0800 hrs VOC = 0 ppm Breathing zone = 0 ppm
70		good	Cyclone grab		SILT (ML), light brown 7.5YR 6/4, dry, soft, about 10% medium to coarse sand, sand is angular, less caliche than above	0908 hrs at 70 ft bgs VOC = 0 ppm
80		good	Cyclone grab		SILT with SAND (ML), light brown 7.5YR 6/3, dry, soft, about 15% medium to coarse sand (angular to subrounded), about 5% fine gravel (angular to subrounded)	0940 hrs at 80 ft bgs VOC = 0 ppm
90		good	Cyclone grab		SILT with SAND (ML), as above at 80 ft except increased medium to coarse sand (about 20-25%)	1000 hrs at 90 ft bgs VOC = 0 ppm increased dust output, color change at about 95 ft bgs
100		good	Cyclone grab		POORLY GRADED SAND (SP), gray 10YR 6/1, fine to medium grain, trace coarse sand, trace fine gravel, trace silt, dry, loose, grains are angular to subrounded.	1030 hrs at 100 ft bgs VOC = 0 ppm
110		fair	Cyclone grab		POORLY GRADED SAND (SP), light brownish gray 10YR 6/2, dry, loose, trace silt	1055 hrs at 110 ft bgs VOC = 0 ppm
120						

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376 920	KAFB - 10614	SHEET 3 OF

SOIL BORING LOG

PROJECT: TO 313 LOCATION: Randolf, East of Bldg 1024.
ELEVATION: DRILLING CONTRACTOR: WDC Exploration and Wells / Jeff Burris
DRILLING METHOD AND EQUIPMENT USED: Speedstar 50K, rig #106, ARCH
WATER LEVEL: START: 9/23/08 END: LOGGER: C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120		12"	SS	9-25-34	SILT (ML), brown 7.5 YR 5/4, dry to slightly moist, very stiff, 10% gravel-size pieces of caliche	Collect Sample ST106SS10614120 at 1235 hrs. Also collect ST106MS10614120 and ST106FD10614120. VOC = 0 ppm
		fair	Cyclone grab			
130					SILT (ML), brown, 10 YR 5/3, dry, soft, trace clay (in small clumps)	1350 hrs at 130 ft bgs VOC = 0 ppm
		fair	Cyclone grab			
140					SILT (ML), brownish yellow 10 YR 6/6, dry, soft	1425 hrs at 140 ft bgs VOC = 0 ppm
		good	Cyclone grab			
150					SILT (ML), as for 140-foot depth above, except about 5% fine grained sand, trace fine gravel	1440 hrs at 150 ft bgs VOC = 0 ppm
		good	Cyclone grab			
160					WELL GRADED SAND (~~GW~~ SW), grayish brown 10 YR 5/2, dry, loose, angular to subrounded, trace silt, trace fine gravel (CR) 9-24-08	1550 hrs at 160 ft bgs VOC = 0 ppm
		good	Cyclone grab			
170					WELL GRADED SAND (~~GW~~ SW), as above for 160-foot depth, except gravel about 5% (CR) 9-24-08	1610 hrs at 170 ft bgs VOC = 0 ppm
		good	Cyclone grab			
180						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB-1061H

SHEET 4 OF

SOIL BORING LOG

PROJECT: TO 313

LOCATION: Randolf, East of Bldg 1024

ELEVATION:

DRILLING CONTRACTOR: WDX Exploration and Wells / J. Burns

DRILLING METHOD AND EQUIPMENT USED: Speedstar 50K, rig #106, ARCH

WATER LEVEL:

START: 9/23/08

LOGGER: C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180		18"	SS	10-17-23	WELL GRADED SAND (SW), as above for 170-foot depth, except fine gravel now 10% (gravel is subangular to rounded)	Collected sample ST106SS10614180 at 1630 hrs VOC=0 ppm
190		good	Cyclone grab		POORLY GRADED SAND (SP), grayish brown 10YR 5/2, fine to medium grained, dry, loose, angular to subrounded.	1705 hrs at 190 ft bgs VOC=0 ppm
200		good	Cyclone grab		WELL GRADED SAND (SW), light brownish gray 10YR 6/2, moist, loose, angular to subrounded, fine gravel 5% (subangular to rounded)	Stop for the day (9-24-08) at about 197 ft bgs, at 1715 hrs. Resume at 0755 hrs on 9-25-08. 0805 hrs at 200 ft bgs VOC=0 ppm
210		good	Cyclone grab		WELL GRADED SAND (SW), pale brown 10YR 6/3, moist, loose, angular to subrounded, trace fine gravel	1320 hrs at 210 ft bgs VOC=0 ppm
220		good	Cyclone grab		WELL GRADED SAND with GRAVEL (SW), light brownish gray 10YR 6/2, moist, loose, angular to subrounded, about 15% fine to medium gravel (subangular to rounded	1345 hrs at 220 ft bgs VOC=0 ppm
230		good	Cyclone grab		WELL GRADED SAND with GRAVEL, as above for the 220 foot interval	1350 hrs at 230 ft bgs VOC=0 ppm
240						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB-10614

SHEET 5 OF

SOIL BORING LOG

PROJECT: TO 313

LOCATION: Randolph, E. of Bldg 1024

ELEVATION:

DRILLING CONTRACTOR: WDC Exploration and Wells / J. Burris

DRILLING METHOD AND EQUIPMENT USED: Speedstar 50K, rig #106, ARCH

WATER LEVEL:

START: 9/23/08

LOGGER: C. Dougherty

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240	X	10"	SS	20-24-26	WELL GRADED SAND (SW), light brownish gray 10YR 6/2, dry, loose, angular to subrounded, 5% fine gravel	Collected sample ST1065510614240 at 1415 hrs VOC = 0ppm
250		good	Cyclone grab		WELL GRADED SAND (SW), as above for the 240-foot interval	1450 hrs at 250 ft bgs VOC = 0ppm
260		good	Cyclone grab		Well Graded SAND (SW) 7.5 YR 6/3. Moist. Loose.	VOC = 0.0 ppm
270		GOOD	Cyclone Grab		Elastic SILT (MH) 7.5 YR 4/4. Dry to moist. Loose	
280		FAIR	Cyclone Grab		Well Graded SAND (SW) 7.5 YR 4/4. Dry. Loose.	VOC = 0.0 ppm
290		GOOD	Cyclone Grab		Same as Above but color as 7.5 YR 4/3	
300		GOOD	Grab Cyclone			VOC = 0.0 ppm

14

CH2MHILL

PROJECT NUMBER	BORING NUMBER	SHEET 6 OF 6
376920	10614	

SOIL BORING LOG

PROJECT: To 313
ELEVATION: TBD
LOCATION: Randolph E of 1024
DRILLING CONTRACTOR: WDC Exploration and Wells / Jeff Burns
DRILLING METHOD AND EQUIPMENT USED: Speedstar 50R, Rig #10 ARCH
WATER LEVEL:
START: 9-23-08
LOGGER: M. Brisley

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300	X	6"	S.S.	23-50R	well graded sand (SW) 7.5YR 7/2, Dry, loose, trace clay	1632 ST106-SS-10614-300 VOC=0.0ppm 9-
				20' casing		0815 300-320 connect. 9-30-08
310	X	GOOD	GRAB CYCLONE		well graded sand w/ gravel (SW) 7.5YR 5/3 brown, dry, loose,	
320	X	GOOD	GRAB CYCLONE	20' casing	same as above, damp	0840 @ 320' 0842 320-340 connection VOC=0.0ppm
330	X	GOOD	GRAB CYCLONE		poorly graded sand with gravel (SP) 7.5YR 5/3 brown, dry, loose, sand is medium grained	VOC=0.0ppm
340	X		NONE	20' casing	no sample collected	0856 @ 340' 0859 340-360' connection
350	X	GOOD	GRAB CYCLONE		well graded sand with gravel (SW) 7.5YR 5/3 brown, dry	VOC=0.0ppm
360						0925 @ 360'

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB-10614

SHEET 7 OF 8

SOIL BORING LOG

PROJECT: ST106 To 313

LOCATION: Randolph

ELEVATION:

DRILLING CONTRACTOR: WDC ; Jeff Burris driller

DRILLING METHOD AND EQUIPMENT USED: 50K Speedstar ARCH RIG

WATER LEVEL:

START: 9-23-08

LOGGER: MBrisken

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6"1"	S.S.	12-16-19	well graded sand (SW) 7.5YR 5/3 brown	0945 sample ST106SS10614-360
		GOOD	GRAB CYCLONE	20' casing	sandcatcher full of elastic silt (MH)	
					well graded sand w/ gravel (SW) 7.5YR 5/4 brown, dry	VOC=0.0ppm
370		GOOD	GRAB CYCLONE		well graded sand (SW) 7.5YR 4/4 brown, damp, ~~10%~~ 5% gravel, sand med - coarse grained	VOC=0.0ppm
380		GOOD	GRAB CYCLONE	20' casing	Same as above	1026 at 380' 1029 380-400' connection VOC=0.0ppm
390		GOOD	GRAB CYCLONE		Same as above, no gravel	VOC=0.0ppm
400		GOOD	GRAB CYCLONE ~~sample~~	20' casing	Same as above	1100 making 400-420' connection VOC=0.0ppm
400		GOOD	GRAB CYCLONE ~~sample~~		Same as above	VOC=0.0ppm
420						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB-10614

SHEET 8 OF

SOIL BORING LOG

PROJECT: ST 106 to 313

LOCATION: Randolph

ELEVATION:

DRILLING CONTRACTOR: WDC; Jeff Borris driller

DRILLING METHOD AND EQUIPMENT USED: 50k speedstar ARCH Rig

WATER LEVEL:

START: 9-23-08

LOGGER: Todd Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION (SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY)	COMMENTS (DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID))
420	X	6"00	S.S.	3-15-19	Same as above w/ 2 inch clump of clay	1210 sample ST106SS10614-420 1215 420-440' connection
		Good	Grab Cyclone	20' casing	well graded sand with silt (SW-SM) 7.5 YR 5/2, dry,	VOC = 0.0 ppm
430		Good	Grab Cyclone		well graded sand (SW) 7.5 YR 5/1, damp,	VOC = 0.0 PPM
440						12:35 at 440' 14:02 440' - 460' connection
		Good	Grab Cyclone	20' casing	well graded sand (SW) 7.5 YR 5/2, ~~dry~~ Brown, dry <5% small gravel	VOC : 0.0 ppm
450		Fair	Grab Cyclone		Poorly graded gravel w/ sand (GP) 7.5 YR 4/2, ~~dar~~ Greyish Brown damp ~65% ~~sub~~ subangular-rounded course gravel	VOC = 0.0 ppm
460						14:35 460'-480' connection
		Good	Grab Cyclone	20' casing	well graded sand (SW) 7.5 YR 5/3 brown, dry <5% small gravel	VOC = 1.3 ppm
470		Good	Grab Cyclone		Same as above but ~~mo~~ damp. slighty coarser grained	VOC = 0.6 ppm
480						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: K AFB - 10614

SHEET 9 OF

SOIL BORING LOG

PROJECT: ST 106 to 313

LOCATION: Randolph

ELEVATION:

DRILLING CONTRACTOR: WDC Jeff Burns driller

DRILLING METHOD AND EQUIPMENT USED: 5 ½ speed star ARCH R4

WATER LEVEL:

START: 4/23/08

LOGGER: Todd Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480	X	6" 0.0	S.S.	9-14-21	Same as above but moist	1520 sample ST10655 10614-480 1537 480-500 connection
		Good	Grab Cyclone	20' casing	Same as above but damp w/ 10% small gravel	VOC = ~~0.8~~ 1.0 PPM
490		Good	Grab Cyclone		well graded gravel (GW) 7.5 6/2 grayish-Brown although other colors 95% small rounded ~~clasts~~ gravel, damp	VOC = 1.3 PPM 1615 slight odor detected 1620 downhole VOC = 6.8 ppm 1622 500-520 connection
500		Good	Grab Cyclone	20' casing	Well graded sand (SW) 7.5 5/2 brown <5% gravel - small angular to sub angular chalts, moist to wet	VOC = ~~440~~ 0 ppm
510			Grab Cyclone		Same as above	VOC = 0.0 ppm
520						

CH2MHILL

PROJECT NUMBER

WELL NUMBER KAFB - 10614

WELL COMPLETION DIAGRAM

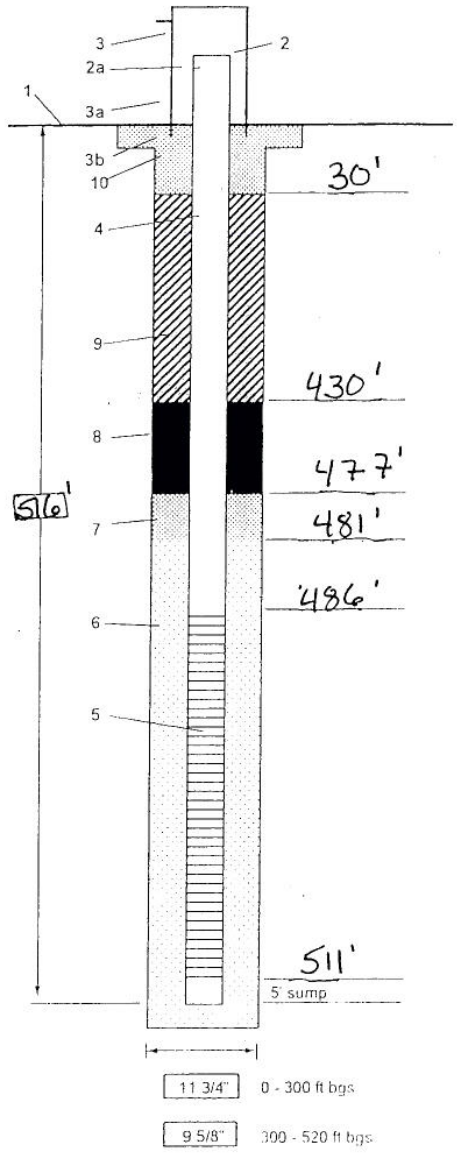
PROJECT : KAFB Bulk Fuels Facility

LOCATION : SW of Bulk Fuels

DRILLING CONTRACTOR : WDC Exploration & Wells

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K

WATER LEVELS 494.5' START : END : LOGGER : T. Arrowood



1- Ground elevation at well	TBD
2- Top of casing elevation	approximately 3 ft above ground surface
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
a) sump	5' stainless sump below well screen
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	~~at least 2 feet~~ above screen
7- Type of transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	~~1-2 feet~~
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	~~10 - 20 feet~~
9- Grout	volclay bentonite grout
a) thickness to be installed	approximately ~~450'~~
10- Cement	Portland Cement
a) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump
	wells with PSH will not be pumped
Development time	no more than 3 weeks after well completion

Comments: Total depth of wells to be between 500' and 520' bgs.
Top of screen to be placed 5 - 15' above water table as determined by CH2M HILL.

Some wells will require surface completion, details to be determined as needed.

All completion details subject to change.

- centralizers at top + bottom of screen and every 50'

all depths below ground surface

PUMP

TYPE OF PUMP: ☐ SUBMERSIBLE ☐ JET ☐ NO PUMP – WELL NOT EQUIPPED ☐ TURBINE ☐ CYLINDER ☐ OTHER – SPECIFY:

ANNULAR SEAL AND GRAVEL PUMP

ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
	0	30	11 3/4	NEAT CEMENT		TRIMMED
	30	477	11 3/4 9 5/8	QUICK GROUT AND CHIPS		TRIMMED
	477	516	9 5/8	10/20 SAND		TRIMMED

GEOLOGIC LOG OF WELL

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?
			SEE ATTACHED	☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

TEST; RIG SUPERVISION

WELL TEST — METHOD: ☐ BAILER ☑ PUMP ☐ AIR LIFT ☐ OTHER – SPECIFY:

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS:

SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

SIGNATURE OF DRILLER — DATE: 10-25-08

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 2 OF 2

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

POD NUMBER (WELL NUMBER)	RG-1579 -POD -52
OSE FILE NUMBER(S)	RG1579
WELL OWNER NAME(S)	KIRTLAND AIR FORCE BASE-ENVIRONMENTAL MANAGEMENT
PHONE (OPTIONAL)	505-853-3484
WELL OWNER MAILING ADDRESS	WAYNE BITNER - 377 MSG/CEANR 2050 WYOMING BLVD. SE
CITY	KIRTLAND AFB
STATE	NM
ZIP	87117-5720

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	35	3	29.00	N
	LONGITUDE	106	34	5.00	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS

2. OPTIONAL

(2.5 ACRE)	(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION	TOWNSHIP	RANGE
¼	¼	¼	¼		☐ NORTH ☐ SOUTH	☐ EAST ☐ WEST

SUBDIVISION NAME	LOT NUMBER	BLOCK NUMBER	UNIT/TRACT

HYDROGRAPHIC SURVEY	MAP NUMBER	TRACT NUMBER

3. DRILLING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD1210	Bryan Nydoske	WDC EXPLORATION & WELLS

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9-30	10-05	515	11 3/4 9 5/8	NA

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): NA

DRILLING FLUID: ☑ AIR ☐ MUD ☐ ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)
0	200	11 3/4	PVC	FLUSH	4"	80	RISER
200	485	9 5/8	PVC	FLUSH	4"	80	RISER
485	510	9 5/8	SS SLOT	FLUSH	4"	40	010
510	515	9 5/8	SS	FLUSH	4"	40	RISER

4. WATER BEARING STRATA

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	YIELD (GPM)
			SEE ATTACHED	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA	TOTAL ESTIMATED WELL YIELD (GPM)

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 1 OF 2

Interstate Stream Commission
A Century of Service to New Mexico

DISTRICT I

JOHN R. D'ANTONIO, JR., P.E.
STATE ENGINEER

121 Tijeras NE, Suite 2000
Albuquerque, NM 87102
(505) 764-3888

September 26, 2008

FILE: RG-1579 POD 52

Kirtland Air Force Base – Environmental Management
Contact: Wayne Bitner 377MSG/CEANR
2050 Wyoming Blvd. SE
Kirkland AFB, NM 87117-5720

Greetings:

Enclosed is your copy of Permit to Drill a Monitoring Well, numbered above, which has been approved subject to the Conditions of Approval attached thereto.

Sincerely,

Jeffrey L. Peterson
Water Resource Specialist Senior

JLP: wgc
Enclosure as stated
cc: W.A.T.E.R.S. Project

HCl-43+30
#15

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO DRILL A MONITORING WELL

1. APPLICANT:

Name: Kirtland Air Force Base-Environmental Management Work Phone: 505/853-3484
Contact: Wayne Bitner 377MSG/CEANR Home Phone: 505/853-3484
Address: 2050 Wyoming Blvd., SE

City: Albuquerque State: NM Zip: 87117-5720

2. LOCATION OF WELL (A, B, C, or D required, E or F if known):

A. ___1/4 ___1/4 ___1/4 Section:___ Township:___ Range:___ N.M.P.M.
in _____ County.

B. X =_____ feet, Y = _____ feet, N.M. Coordinate System
_____ Zone in the _____ Grant.
U.S.G.S. Quad Map _____

C. Latitude: 35 d 03 m 28.3 Longitude: 106 d 34 m 05.2 s

D. East _____ (m), North _____ (m), UTM Zone 13, NAD 83 (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the
_____ Subdivision recorded in _____ County.

G. Other: _____

H. Give State Engineer File Number of existing well: _____

I. On land owned by (required): Kirtland Air Force Base

3. WELL INFORMATION:

Approximate depth 520 feet; Outside diameter of casing 4 inches.
Name of well driller and driller license number Mark Green, NMWD1210

4. ADDITIONAL STATEMENT OR EXPLANATIONS:

Diagram showing proposed well completion details is attached.
Well will be used for groundwater monitoring at Kirtland AFB.
Drilling is scheduled to begin on 18 September 2008.
Monitoring well will be in service for a minimum of five years.
Well ID = KAFB-10615.

POD ~~File~~ Number: R61579 R9052 Trn Number: 414967
Form: wr-07 page 1 of 2

CH2MHILL

PROJECT NUMBER

WELL NUMBER **KAFB-10615** SHEET 1 OF 1

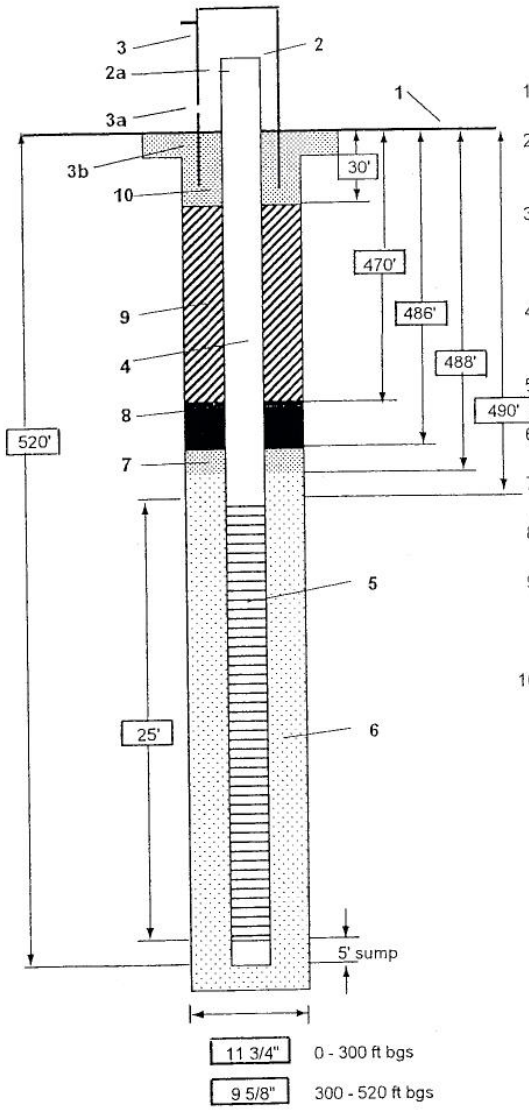
PROPOSED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION : KAFB southeast of Gibson and Lousiana intersection.

DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K

WATER LEVEL : approximately 495' bgs START : END : LOGGER :



1- Ground elevation at well	TBD
2- Top of casing elevation	TBD
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
7- Transition sand	20/40 Colorado Silica Sand
8- Type of seal	hydrated bentonite chips
9- Grout	
a) Grout mix used	volclay bentonite grout
b) Method of placement	
10- Cement	
a) Cement mix used	portland cement grout
b) Method of placement	
Development method	
Estimated purge volume	

Comments

Not to scale

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: 10615

SHEET 1 OF

SOIL BORING LOG

PROJECT: ST106 TO 313 Drilling

LOCATION: SE Louisiana & Gibson

ELEVATION: TBD

DRILLING CONTRACTOR: WDC Joe Villegas driller

DRILLING METHOD AND EQUIPMENT USED: ARCH 3K Pullstar Rig

WATER LEVEL:

START: 9-30-08 1320

LOGGER: M Brislin

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0			GRAB CYC.	20' casing	silt (ML) 7.5YR 4/4 brown dry	1326 start drilling 9-30-08
10			GRAB CYC.		~~silt~~ same as above	VOC=0.0ppm 1354 20-40' connection
20			GRAB CYC.	20' casing	well graded sand w/ gravel (SW) 7.5YR 5/4 brown, dry	VOC=0.0 ppm
30			GRAB CYC.		same as above	VOC=0.0ppm 1422 40-60' connection
40				20' casing	well graded sand w/ silt & gravel (SW-SM) 7.5YR 5/4 brown, dry	VOC=0.0ppm
50					same as above trace clay	VOC=0.0ppm
60						1510 at 60'

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: 10615

SHEET 2 OF

SOIL BORING LOG

PROJECT: ST10L To 313

LOCATION: SE Gibson + Louisiana

ELEVATION:

DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED: ARCH 30K

WATER LEVEL:

START: 9-30-08

LOGGER: M Brisley

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION (SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY)	COMMENTS (DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID))
						1550
60		6"6"2"	S.S.	9-12-13	Elastic silt w/sand (MH) 7.5YR 5/4 brown, low plasticity	Sample ST10L3310615-0L60 VOC=0.0 ppm
		GOOD	GRAB CYCLONE	20' casing	Elastic SILT (MH) 7.5 YR 3/3 Dark Brown. Low Plasticity	VOC=0.0 ppm
70		GOOD	GRAB CYCLONE		Well Graded Sand with SILT (SW-SM) 7.5 YR 5/4 brown Dry to Moist. Loose.	VOC=0.0 ppm
80		GOOD	GRAB CYCLONE	20' casing	Well Graded SAND (SW) 7.5 YR 5/5 brown. Dry. Loose.	VOC=0.0 ppm
90		No Sample - Clogged Cyclone				
100		GOOD	GRAB CYCLONE	20' casing	Same AS 80-90' Trace Clay	VOC=0.0 ppm
110		GOOD	GRAB CYCLONE		Well Graded SAND (SW) 10YR 4/4. Brown. Moist. Loose.	VOC=0.0 ppm
120						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: 10615

SHEET 3 OF

SOIL BORING LOG

PROJECT: ST106 T0313

LOCATION: SE Gibson + Louisiana

ELEVATION:

DRILLING CONTRACTOR: WDC

DRILLING METHOD AND EQUIPMENT USED: ARCH ~~3K~~ 30K

WATER LEVEL:

START: 9-30-08

LOGGER: KMOUZAKIS

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
						09:10
120		6" 6" 2"	S.S.	12-14-24	Well Graded SAND with clay (SW-SC) 7.5 YR 5/5. Dry to moist. Loose. Low Plasticity	SAMPLE ST106SS10615-120 VOC=0.0 ppm
	Good	Grab Cyclone		20' casing	Well Graded Sand (SW) 10 YR 4/4. Dry to moist. Loose.	VOC=0.0 ppm
130						No sample Due to clogging 11:25 Driller Injected water
140	Good	Grab Cyclone		20' casing	Lean clay with sand (CL) 10 YR 5/4. Medium to high plasticity. Wet from Injected Water. Trace Gravel	VOC=0.0 ppm
150	FAIR	GRAB Cyclone			Elastic SILT with SAND (MH) 10 YR 5/4. 20 % lean clay. Wet from Injected water. Medium plasticity.	VOC=0.0 ppm
160	GOOD	GRAB Cyclone		10' casing	Elastic SILT (MH) 7.5 YR 4/4. Moist. Loose. Low Plasticity.	VOC=0.0 ppm
170	FAIR	GRAB Cyclone		10' casing	Well Graded Sand (SW) 7.5 YR 5/4. Wet. Loose.	VOC=0.0 ppm
180						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: 10615

SHEET 4 OF

SOIL BORING LOG

PROJECT: ST10G T0313

LOCATION: SE Gibson + Louisiana

ELEVATION:

DRILLING CONTRACTOR: WDC ; Joe Villegas Driller

DRILLING METHOD AND EQUIPMENT USED: ARCH ; 30K Speedstar

WATER LEVEL:

START: 9-30-08

LOGGER: ~~AAB~~ KMouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
						10/02/08: 13:45
180	X	6-6-5	SS	11-12-17	Well Graded SAND (SW) 7.5 YR 4/3. Wet. COARSE. Trace Gravel. Loose.	Sample ST10G5S10615-180 VOC=0.0 ppm
	X	GOOD	GRAB CYCLONE	20' casing	Well Graded SAND (SW) 7.5 YR 6/3. Damp. Loose. Fine to coarse sand.	1350 making 180-200' connection VOC=0.0 ppm
190	X	GOOD	GRAB CYCLONE		Well Graded Sand with clay (SW-SC) 10 YR 6/3. Wet to saturated from injected water. Trace Gravel.	1450 Driller Injected Water VOC=0.0 ppm
200	X	GOOD	GRAB CYCLONE	20' casing	Well Graded Sand (SW) 10 YR 5/4. Moist. Loose, Fine to coarse sand.	10/03: 0810 making 200-220 VOC=0.0 ppm
210	X	GOOD	GRAB CYCLONE		Well Graded Sand with Gravel (SW) Dry. Loose. 10 YR 6/3	VOC=0.0 ppm
220	X	GOOD	GRAB CYCLONE	20' casing	Well Graded Sand (SW) 10 YR 6/3. Damp. Loose. Fine to medium SAND.	0840 making 220-240 connection! VOC=0.0 ppm
230	X	GOOD	GRAB CYCLONE		Well Graded Sand (SW) 10 YR 7/2. Dry. Loose. Fine to medium SAND. Trace Gravel	VOC=0.0 ppm
240						

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
376920	10615	SHEET 5 OF

SOIL BORING LOG

PROJECT: ST 10615 TO313 LOCATION:
ELEVATION: DRILLING CONTRACTOR: WDC; Joe Villegas Driller
DRILLING METHOD AND EQUIPMENT USED: ARCH; 30 K Speedstar
WATER LEVEL: START: 9-30-08 LOGGER: KMouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID) 10/03/08: 09:30
240	X	6"-4"	SS	12-50	SAME AS 230-240', Less Gravel	Sample ST10615 SS10615-240 VOC = 0.0 ppm 0948 making 240-260' connection
	X	GOOD	GRAB Cyclone	20' casing	Well Graded Sand (SW) 10YR 6/2. Dry. Loose.	VOC = 0.0 ppm
250	X	GOOD	GRAB Cyclone		Well Graded SAND (SW) 10YR 6/2. Dry. Loose. 5% Gravel.	VOC = 0.0 ppm
260	X	GOOD	GRAB Cyclone	20' casing	Well Graded Sand (SW) 10YR 6/3. Dry. Loose. 5% Gravel	1010 making 260-280' connection VOC = 0.0 ppm
~~280~~ 270	X	GOOD	GRAB Cyclone		SAME AS Above	VOC = 0.0 ppm
280	X	GOOD	GRAB Cyclone		SAME AS Above. ~~[illegible]~~ 10% Gravel.	VOC = 0.0 ppm
~~300~~ 290	X	GOOD	GRAB Cyclone		Well Graded Sand (SW) 10YR 7/3. Damp. Fines.	VOC = 0.0 ppm
300						

CH2MHILL

PROJECT NUMBER 376920

BORING NUMBER 10615

SHEET 6 OF

SOIL BORING LOG

PROJECT: ST10L TO313

LOCATION:

ELEVATION:

DRILLING CONTRACTOR: WDC, Joe Villegas Driller

DRILLING METHOD AND EQUIPMENT USED: Arch, 30K Speed Star

WATER LEVEL:

START: 9/30/08

LOGGER: K Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
						11:00
300		6"-3'	SG	27-50	Well Graded SAND WITH CLAY (SW-SC) 10YR 6/4. Dry. Low plasticity	Sample ST10L6SS10615-300 VOC=0.0 ppm
		GOOD	GRAB Cyclone	20' casing	Well Graded Sand (SW) 10 YR 6/3 ~~Damp~~ from injected water. Loose, moist	1108 making 300-320' connection VOC=0.0 ppm
310		GOOD	GRAB Cyclone		Well Graded SAND WITH GRAVEL (SW) 10 YR 6/2. Dry. LOOSE.	VOC=0.00 ppm
320		GOOD	GRAB Cyclone	20' casing	Well Graded Sand with Gravel (SW) 10 YR 6/4. Dry. Loose.	11:50 making 320-340' connection VOC=0.00 ppm
330		GOOD	GRAB Cyclone		Well Graded SAND (SW) 10YR 7/3. Damp. Loose.	VOC=0.0 ppm
340		GOOD	GRAB Cyclone	20' casing	Well Graded Gravel (GW) ~~Moist Fro~~ 7.5 YR 6/2. Moist from injected water. Gravel up to 2 inch diameter.	VOC=0.0 ppm
350		GOOD	GRAB Cyclone		Well Graded Sand (SW) 10 YR 7/2. Moist from injected water. Trace Gravel.	VOC=0.0 ppm
360						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: 10615

SHEET 7 OF

SOIL BORING LOG

PROJECT: STIOLE T0313

LOCATION:

ELEVATION:

DRILLING CONTRACTOR: WDL, Joe Villegas Driller

DRILLING METHOD AND EQUIPMENT USED: Arch, 30K. Speedstar

WATER LEVEL:

START: 9/30/08

LOGGER: KMOUZAKIS

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6"-6"	SS	50-50	Well Graded Sand with Gravel (SW) 7.5 YR 7/3. Dry. Loose. fine to coarse sand gravel up to 1.5".	VOC=0.0 ppm
		GOOD	GRAB cyclone	20' casing	Well Graded Sand (SW) 7.5YR 7/3. Damp. Loose.	VOC=0.0 ppm
370		FAIR	GRAB cyclone		Well Graded Gravel (GW) 7.5 YR 6/1. Dry. Loose.	VOC = 0.0 ppm
380		GOOD	GRAB cyclone	20' casing	Well Graded SAND with Gravel (SW) 7.5 YR 6/2. Dry. Loose	10/04: VOC=0.0 ppm
390		GOOD	GRAB cyclone		Poorly Graded Sand with Gravel (SP) 10 YR 5/3. MOIST. Loose.	VOC= 0.0 ppm
400		GOOD	GRAB cyclone	20' casing	SAME AS ABOVE.	VOC=0.0 ppm
410		GOOD	GRAB cyclone		Well Graded Sand with Gravel (SW) 7.5 YR 7/3. Dry. Loose.	VOC=0.0 ppm
420						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: 10615

SHEET 8 OF

SOIL BORING LOG

PROJECT: SMOC 10313

LOCATION:

ELEVATION:

DRILLING CONTRACTOR: WDC, Joe Villegas

DRILLING METHOD AND EQUIPMENT USED: Auger, 30" Speedstar

WATER LEVEL:

START: 9/30/08

LOGGER: Y. Mouzakis

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID) 10/06 9:05
420	X	7"	SS	50R	SANDY Lean Clay (CL) 10 YR 6/4. Moist. Medium plasticity	Sample SM06SS1006-15 - 420 VOC = 0.0 ppm
	X	Good	Grab Cyclone	20' casing	Well Graded Sand (SW). 7.5 YR 6/5. Moist. Loose. 5% small Gravel.	10/07: 0735 Making 420-440 connection. 0749 Drilling to 440 VOC = 0.0 ppm
430	X	Good	Grab Cyclone		Well Graded Sand (SW) 10 YR 6/3. Dry. Loose. Trace Gravel	VOC = 0.0 ppm
440	X	Good	Grab Cyclone	20' casing	Well Graded Sand with Gravel (SW) 10 YR 6/3. Dry. Loose.	0825 Making 440-460 connection 0830 Drilling to 460 VOC = 0.0 ppm
450	X	Good	Grab Cyclone		Well Graded SAND (SW) 10 YR 6/3. Moist. Loose. Fine to medium SAND.	VOC = 0.0 ppm
460	X	Good	Grab Cyclone	20' casing	~~Poorly Graded Sand (SP) 10 YR 5/4. Damp. Loose.~~ SILT (ML) 10 YR 5/4. Damp. Loose. ~~Low plasticity~~ Very. Low Plasticity	0900 Making 460-480' connection 0915 Drilling to 480' VOC = 0.0 ppm
470	X	Good	Grab Cyclone		Well Graded SAND (SW) ~~Dry. Loose~~. 10 YR 7/2. Dry. Loose. Fine to Coarse SAND.	VOC = 0.0 ppm
480						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: 10615

SHEET 9 OF

SOIL BORING LOG

PROJECT: ST10L6 T0313

LOCATION: 10615

ELEVATION:

DRILLING CONTRACTOR:

DRILLING METHOD AND EQUIPMENT USED: ARCH, 30 K Speedstar

WATER LEVEL:

START: 9/30/08

LOGGER: K MOUZAKIS

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
		6-6-6	SS	17-25-32	Well Graded SAND (SW) 10 YR 7/3. Dry. Loose.	VOC = 0.4 ppm
		GOOD	GRAB CYCLONE	20' CASING	Well Graded Sand (SW) 10 YR 7/4. Damp. Loose.	1010 Making 480-500' connection 1013 Drilling to 500' VOC = 0.0 ppm
		GOOD	GRAB CYCLONE		Well Graded Sand with Gravel (SW) 10 YR 5/4. Moist. Coarse Sand. Loose.	VOC = 0.0 ppm
		GOOD	GRAB CYCLONE	20' CASING	Well Graded Sand (SW) 10 YR 4/4. Wet. Loose.	1040 Making 500-520' connection 1050 Drilling to 520! VOC = 0.0 ppm
		GOOD	GRAB CYCLONE		Well Graded Gravel with Sand (SW) 10 YR 5/4. Wet Loose	VOC = 0.0 ppm

CH2MHILL

PROJECT NUMBER

WELL NUMBER KAFB - 10615

WELL COMPLETION DIAGRAM

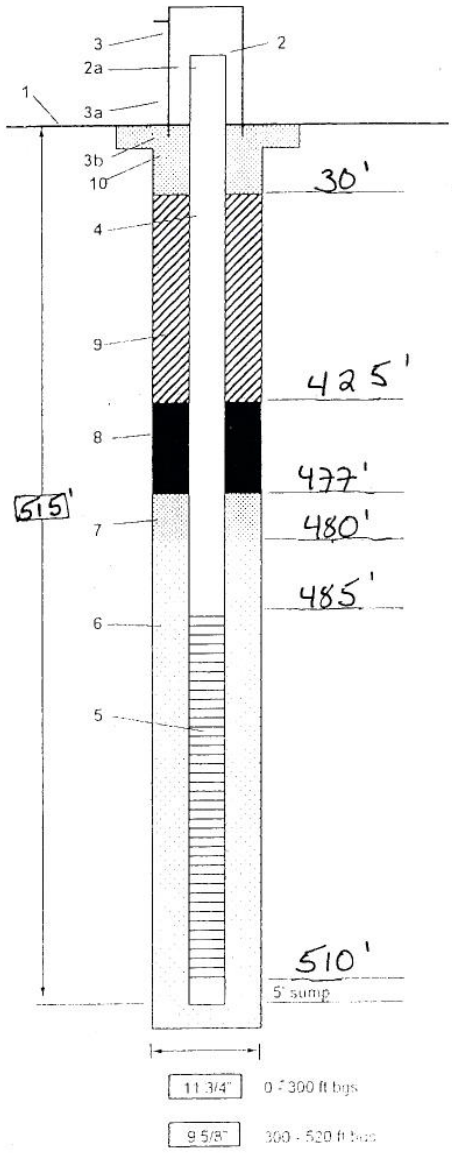
PROJECT : KAFB Bulk Fuels Facility

LOCATION ~~SW of Bulk Fuels~~ Gibson + Louisiana

DRILLING CONTRACTOR : WDC Exploration & Wells

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K

WATER LEVELS 492.23 START : END : LOGGER : ~~T. Arrowood~~ K. Mouzakis



1- Ground elevation at well	TBD
2- Top of casing elevation	approximately 3 ft above ground surface
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
a) sump	5' stainless sump below well screen
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	~~at least 2 feet~~ 5' above screen
7- Type of transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	~~1-2 feet~~ 3'
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	~~10 - 20 feet~~ 52'
9- Grout	volclay bentonite grout
a) thickness to be installed	approximately ~~450'~~ 400'
10- Cement	Portland Cement
a) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump wells with PSH will not be pumped
Development time	no more than 3 weeks after well completion

Comments Total depth of wells to be between 500' and 520' bgs.
Top of screen to be placed 5 - 15' above water table as determined by CH2M HILL.

Some wells will require surface completion, details to be determined as needed.

All completion details subject to change.

- centralizers at top + bottom of screen and every 50'

all depths below ground surface

5. SEAL AND PUMP

TYPE OF PUMP: ☐ SUBMERSIBLE ☐ JET ☐ NO PUMP – WELL NOT EQUIPPED ☐ TURBINE ☐ CYLINDER ☐ OTHER – SPECIFY:

ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
	0	31	11 3/4	NEAT CEMENT		TRIMMED
	31	477	11 3/4 9 5/8	QUICK GROUT AND CHIPS		TRIMMED
	477	515	9 5/8	10/20 SAND		TRIMMED

6. GEOLOGIC LOG OF WELL

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?
			SEE ATTACHED	☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

7. TEST & ADDITIONAL INFO.

WELL TEST — METHOD: ☐ BAILER ☑ PUMP ☐ AIR LIFT ☐ OTHER – SPECIFY:

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS:

8. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

SIGNATURE OF DRILLER — DATE: 10-25-08

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 2 OF 2

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

POD NUMBER (WELL NUMBER): RG-1579 -POD -47	OSE FILE NUMBER(S): RG1579
WELL OWNER NAME(S): KIRTLAND AIR FORCE BASE-ENVIRONMENTAL MANAGEMENT	PHONE (OPTIONAL): 505-853-3484
WELL OWNER MAILING ADDRESS: WAYNE BITNER - 377 MSG/CEANR 2050 WYOMING BLVD. SE	CITY: KIRTLAND AFB; STATE: NM; ZIP: 87117-5720

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	35	2	55.00	N
LONGITUDE	106	34	56.00	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS

2. OPTIONAL

(2.5 ACRE)	(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION	TOWNSHIP ☐ NORTH ☐ SOUTH	RANGE ☐ EAST ☐ WEST
¼	¼	¼	¼			

SUBDIVISION NAME	LOT NUMBER	BLOCK NUMBER	UNIT/TRACT
HYDROGRAPHIC SURVEY		MAP NUMBER	TRACT NUMBER

3. DRILLING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD1210	Bryan Nydoske	WDC EXPLORATION & WELLS

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
10-04	10-09	505	11 3/4 9 5/8	NA

STATIC WATER LEVEL IN COMPLETED WELL (FT): NA

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

DRILLING FLUID: ☑ AIR ☐ MUD ☐ ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (FT) FROM	TO	BORE HOLE DIA. (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)
0	200	11 3/4	PVC	FLUSH	4"	80	RISER
200	475	9 5/8	PVC	FLUSH	4"	80	RISER
475	5OO	9 5/8	SS SLOT	FLUSH	4"	40	010
500	505	9 5/8	SS	FLUSH	4"	40	RISER

4. WATER BEARING STRATA

DEPTH (FT) FROM	TO	THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	YIELD (GPM)
			SEE ATTACHED	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA	TOTAL ESTIMATED WELL YIELD (GPM)

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 1 OF 2

Interstate Stream Commission

DISTRICT 1

JOHN R. D'ANTONIO, JR., P.E.

NEW MEXICO STATE ENGINEER

Albuquerque Office
(505) 764-3888

121 Tijeras NE, Suite 2000
Albuquerque, NM 87102

August 20, 2008

OSE File No. **RG-1579**
Transaction No. 412970

Kirtland Air Force Base – Environmental Management
contact: Wayne Bitner
377 MSG/CEVR
2050 Wyoming Blvd. S.E.
Kirtland AFB, 87117

RE: **Monitoring Well no. RG-1579 POD47 - "KAFB 10613"**

Greetings:

Enclosed is your copy of the Monitoring Well Permit, which has been approved. In accordance with the Conditions of Approval, the well can only be used for monitoring purposes only unless and until a permit for a specific use has been issued by the State Engineer.

If discussion is needed, please call us.

Sincerely,

Joseph Fields
(505) 764-3888

JF:jf
enclosures as stated
cc: Santa Fe Office

$20.00

File Number: RG 1579
(For OSE Use Only)

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT
TO DRILL AN EXPLORATORY WELL

1. APPLICANT:

Name: Kirtland Air Force Base - Environmental Managiment
Contact: Wayne Bitner, 377 MSG/CEANR
Address: 2050 Wyoming Blvd SE
City: Kirtland AFB
Work Phone: 853-3484
Home Phone: 853-3484
State: NM Zip: 87117-5720

2. LOCATION OF WELL (A, B, C, or D required, E or F if known):

A. ____1/4 ____1/4 ____1/4 Section:____ Township:____ Range:____ N.M.P.M. in _____ County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.
U.S.G.S. Quad Map _____

C. Latitude: 35 d 02 m 54.8 s Longitude: 106 d 34 m 55.6 s
with in 300 feet

D. East _____ (m), North _____ (m), UTM Zone 13, NAD __ (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the _____ Subdivision recorded in _____ County.

G. Other: _____

H. Give State Engineer File Number of existing well: _____

I. On land owned by (required): Kirtland Air Force Base

3. WELL INFORMATION:

Approximate depth 520 feet; Outside diameter of casing 4 inches.
Name of well driller and driller license number Mark Green, NMWD 1210

4. ADDITIONAL STATEMENT OR EXPLANATIONS:

Proposed well construction details attached. Well will be used for groundwater monitoring at KAFB.
Drilling is scheduled to begin 8/18/08.
Well will be in service for a minimum of 5 years.

Well ID = KAFB-10613

Do Not Write Below This Line

File Number: RG-1579 POD1
Form: wr-07
page 1 of 2
Trn Number: 412970

NEW MEXICO OFFICE OF THE STATE ENGINEER
PERMIT TO DRILL MONITORING WELL
CONDITIONS OF APPROVAL

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the following conditions of approval:

Permittee: Kirtland Air Force Base – Environmental Management
contact: Wayne Bitner, 377 MSG/CEVR
2050 Wyoming Blvd., SE, Kirtland AFB, 87117

Permit Number: RG-1579

Application File Date: August 7, 2008

Point of Diversion: RG-1579 POD47, "KAFB-10613", located within 300 feet of a point where Latitude = 35 deg 02 min 54.8 sec and Longitude = 106 deg 34 min 55.6 sec, on land owned by Kirtland Air Force Base.

1. No water shall be appropriated and beneficially used under this permit.
2. The well shall be plugged upon completion of the permitted use, and a plugging report shall be filed with the State Engineer within 10 days
3. The well shall be drilled by a driller licensed in accordance with 19.27.4 NMAC.
4. Driller's well record must be filed with the State Engineer within 10 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
5. If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.
6. Well RG-1579 POD47 must be completed and the Well Record filed on or before August 20, 2009.
7. Water shall be used from well RG-1579 POD47 for monitoring purposes only unless and until a permit for a specific use has been issued by the State Engineer.

Witness my hand and seal this 20th day of August, A.D. 2008.

John R. D'Antonio, Jr., P.E., New Mexico State Engineer

By: _____
Joseph Fields
Albuquerque, OSE, District 1

Transaction Number: 412970

CH2MHILL

PROJECT NUMBER

WELL NUMBER **KAFB-10613** SHEET 1 OF 1

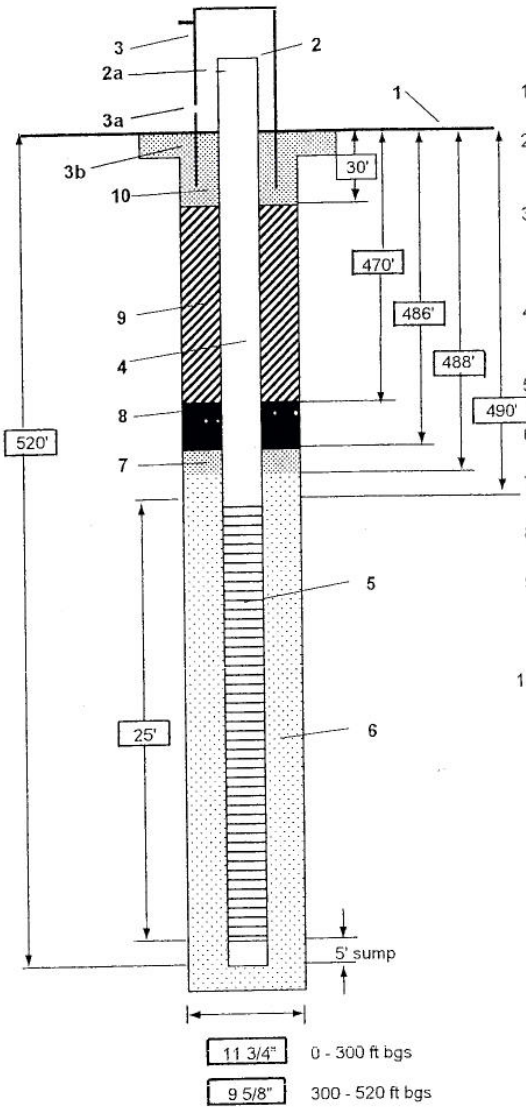
PROPOSED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION :

DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES :

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K

WATER LEVEL : approximately 495' bgs START : END : LOGGER :



1- Ground elevation at well	TBD
2- Top of casing elevation	TBD
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
7- Transition sand	20/40 Colorado Silica Sand
8- Type of seal	hydrated bentonite chips
9- Grout	
a) Grout mix used	volclay bentonite grout
b) Method of placement	
10- Cement	
a) Cement mix used	portland cement grout
b) Method of placement	
Development method	
Estimated purge volume	

Comments

Not to scale

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB - ~~10614~~ T.A. 10616 SHEET / OF

SOIL BORING LOG

PROJECT: St 106 to 313

LOCATION: ~~Randolph~~ Short

ELEVATION:

DRILLING CONTRACTOR: WDC, ~~Jeff~~ Jeff Burris driller

DRILLING METHOD AND EQUIPMENT USED: 5 ok Speedstar ARCHrig

WATER LEVEL:

START: 10-4-08

LOGGER: T. Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
0			Cyclone grab	20' casing	Well graded ~~Sa~~ Silty sand (SW-SM) 7.5 5/4 brown <2% small gravel (~2mm) damp	drilling starts at 1306 VOC = 0.0 ppm
10			Cyclone grab		Same as above with no small gravel and ~~more~~ finer grained	1309 @ 10 VOC = 0.0 ppm
20			Cyclone grab	20' casing	Same as above ~~with some small gravel~~ T.A.	1318 @ 20 1337 - 0-40 connection VOC = 0.0 ppm
30			Cyclone grab		Same as above with some small gravel and higher % silt and dry	1351 @ 30 VOC = 0.0 ppm
40			Cyclone grab	20' casing	Silt (ML) 7.5 5/4 brown ~~damp~~ dry	1403 @ 40 1415 40-60 connection VOC = 0.0 ppm
50			Cyclone grab		Same as above	1438 @ 50 VOC = 0.0 ppm
60		good	Cyclone grab			1445 @ 60

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB - 10616 SHEET 2 OF

SOIL BORING LOG

PROJECT: St 106 to 313 LOCATION: ~~Quadroff~~ Short

ELEVATION: DRILLING CONTRACTOR: WDL, Jeff Burris driller

DRILLING METHOD AND EQUIPMENT USED: 50K Speed Star ARCH rig

WATER LEVEL: START: 10-4-08 LOGGER: T. Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
						1506
60		63.0	S.S.	22,36,48	Same as above w/ <5% gravel angular clasts	Sample St 106 SS 10616 -60 collected 1517 60-80 connection
				20' casing	Silt (ML) 7.5 5/4 brown ~~damp~~ dry - same as above w/ No gravel	1532 @ 70 VOC = 6.0 ppm
70					Same as above	1547 @ 80 VOC = 0.0 ppm
80						1553 80-100 connection
				20' casing	well grained sand (SW) 7.5 6/4 brown -(salt and pepper) grains of red, black sand and clear quartz dry	1613 @ 90 VOC = 0.0 ppm
90					Silt (ML) 7.5 5/4 brown ~5% gravel small subangular, dry	1639 @ 100 VOC = 0.0 ppm
100						1646 100-120 connection
				20' casing	Silt (ML) 7.5 5/4 brown no gravel very fine grained 95% silt ~5% sand, dry has low plasticity	1701 @ 110 VOC = 0.0 ppm ~~St~~ 1710 Stop for the day ~115 ft Rig restarts at 0749
110					Same as above except 7.5 yr 4/5 brown dump	0758 @ 120 VOC = 0.0 ppm
120						

10/5

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB - 10616

SHEET 3 OF

SOIL BORING LOG

PROJECT: St 106 to 313

LOCATION: ~~Randolph~~ Short

ELEVATION:

DRILLING CONTRACTOR: WDC, Jeff Burris driller

DRILLING METHOD AND EQUIPMENT USED: 50K Speed Star ARCH rig

WATER LEVEL:

START: 10-4-08

LOGGER: T. Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
120	X	6,6,6	S.S.	9,27,36	Silt (ML) w/ clay ~5% 7.5YR 4/4 Brown, damp medium plasticity	St 10655 10616-120 - 0804
		fair	cyclone grab	20' casing	Silt (ML) 7.5YR 6/3 light brown, dry	0855 - Connecting 120-140 0905 @ 130 VOC = 0.0 ppm 0911 @ 140
130		good	cyclone grab		well graded Sand (SW) 7.5 6/4 brown (Salt and pepper) red, black, and clear quartz sand, dry, some small gravel ~2%	VOC = 0.0 ppm 0939 (connecting 140-160 0956 @ 150
140		good	cyclone grab	20' casing	Same as above but no gravel	VOC = 0.0 ppm 1014 @ 160
150		good	cyclone grab		Same as above	VOC = 0.0 ppm 1025 (connecting 160-180 1045 @ 170
160		good	cyclone grab	20' casing	Same as above but coarser grained.	VOC = 0.0 ppm 1058 @ 180
170		good	cyclone grab		Same as above finer grade sand again as in 160' sample	VOC = 0.0 ppm
180						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB - 10616

SHEET 4 OF

SOIL BORING LOG

PROJECT: St 106 to 313

LOCATION: Bradley Street

ELEVATION:

DRILLING CONTRACTOR: WDC, Jeff Burris driller

DRILLING METHOD AND EQUIPMENT USED: 50K Speedstar ARCH rig

WATER LEVEL:

START: 10-4-08

LOGGER: T Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
180		6,4,0	S.S	4,9,21	well graded sand (SW) 7.5 6/4 brown dry w/ small (2-4mm) gravel w some larger stones	~~St 106 SS 10616~~ 1110 St 106 SS 10616 -180 Sample collected connecting 180-200
		Good	Cyclone grab	20' casing	Same as above	1127 @ 190 VOC = 0.0 ppm 1149 @ 200
190		Good	Cyclone grab		Same as above w/ coarser grained sand	VOC = 0.0 ppm 1153 telescoping pipe — 10/6 T.A 0809 connecting 200-210 ~~1144~~ @ 210
200		Good	Cyclone grab	20' casing	Poorly graded sand (SP) w/~ 10% gravel (2-6mm) subangular 7.5 5/4 brown, damp	0822 VOC = 0.0 ppm 0830 @ 220
210		Good	Cyclone grab		well graded ~~sand (SW) 7.5 5/4~~ T.A. sand w/silt (SW-SM) 7.5 5/4 brown, damp,	VOC = 0.0 ppm 0838 connecting 220-240 0847 @ 230
220		Good	Cyclone grab	20' casing	well graded sand (SW) 7.5 5/4 brown, damp	VOC = 0.0 ppm 0852 @ 240
230		Good	Cyclone grab		well graded sand (SW) w/ ~5% gravel (2-4mm) 7.5 5/4 brown damp	VOC = 0.0 ppm ~~@ 240~~
240						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB-1064b

SHEET 5 OF

SOIL BORING LOG

PROJECT: ST 106 T0313

LOCATION: 2 Short

ELEVATION:

DRILLING CONTRACTOR: WDC, Jeff Burris driller

DRILLING METHOD AND EQUIPMENT USED: 50 K Speed Star ARCH Rig

WATER LEVEL:

START: 10-4-08

LOGGER: T Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
240		6.0	S.S.	42,50,0	well graded sand (SW) w/~15 gravel (2mm-15mm) rounded. 7.5 5/4 brown dry	0903 tank VOC at casing VOC=0.0 0928 sample ST106 SS 1064b-240 0935 connecting 240-260 casing ~~@ 240~~
		Good	cyclone grab	20' casing	well graded fine grain sand (SW) 7.5 5/4 brown, damp	0946 @ 250 VOC = 0.0 ppm
250		Good	cyclone grab		Same as above	0949 @ 260 VOC = 0.0 ppm 0955 connecting 260-280 casing
260		Good	cyclone grab	20' casing	Same as above	1017 @ 270 2 ft clay layer at ~271 VOC = 0.0 ppm
270		Good	cyclone grab		Same as above	1022 @ 280 VOC = 0.0 ppm 1027 connecting 280-300 casing
280		Good	cyclone grab	20' casing	Same as above but coarser grained w ~3% gravel angular to rounded	1043 @ 290 VOC = 0.0
290		Good	cyclone grab		~~Same as above w 10% gravel~~ well graded gravel (GW) angular to rounded 7.5 5/4 brown, dry	1047 @ 300 VOC = 0.0
300						

CH2MHILL

PROJECT NUMBER: 376420

BORING NUMBER: KCAFB-10616

SHEET 6 OF

SOIL BORING LOG

PROJECT: ST 106 To 313

LOCATION: Short

ELEVATION:

DRILLING CONTRACTOR: WDL, Jeff Burris driller

DRILLING METHOD AND EQUIPMENT USED: Sonic Speed Star ARCH rig

WATER LEVEL:

START: 10-4-08

LOGGER: T Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
300		—	S.S.	—	Poorly graded gravel (GP) large gravel to cobble size, rounded.	1056 took VOC at casing VOC=0.0 1105 Sample ST 106SS10616-300 — sample to laboratory to collect 1115 Connecting 300-320 casing 1127 @ 310
310		Good	Cyclone grab	20' casing	Well graded sand (SW) w/~25% gravel ~~to~~ subangular to rounded clasts 7.5 5/4 brown, damp	VOC = 0.0 ppm 1131 @ 320
320		Good	Cyclone grab		Well graded sand (SW) ~5% gravel subangular to rounded 7.5 5/4 brown, damp	VOC = 0.1 ppm 1137 Connecting 320-340 casing 1151 @ 330
330		Good	Cyclone grab	20' casing	~~to~~ Same as above but coarser grained sand	VOC = 0.1 ppm 1200 @ 340
340		Good	Cyclone grab		Poorly graded gravel (GP) large gravel subangular to rounded	VOC = 0.2 ppm 1233 Connecting 340-360 casing 1253 @ 350
350		Good	Cyclone grab	20' casing	Same as above	VOC = 0.1 ppm B06 @ 360
360		Good	Cyclone grab		Well graded sand (SW) w/ ~15% gravel - subangular to rounded	VOC = 0.7 ppm

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB-1061b

SHEET 7 OF

SOIL BORING LOG

PROJECT: ST 106 To 313

LOCATION: Short

ELEVATION:

DRILLING CONTRACTOR: WDI, Jeff Burris driller

DRILLING METHOD AND EQUIPMENT USED: 50 k Speed star Air lift rig

WATER LEVEL:

START: 10-4-08

LOGGER: T Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
360		6,6,6	S.S.	9,18,27	Well graded Sand (SW) w/ ~10% gravel subangular to rounded 7.5 5/4 brown, damp	1330 took VOC at casing VOC=0.1 1340 Sample ST106SS1061b-360 1340 Sample ST106SS 1061b — 360-UVP 1505 Connecting 360-380
		Good	Cyclone grab	20' casing	gravel poorly graded (GP) subangular to rounded	1525 @ 370 VOC = 0.0 ppm
370					well graded Sand (SW) 7.5 5/4 brown, damp	1530 @ 380 VOC = 0.1 ppm
		Good	Cyclone grab			
380					well graded sand (SW) w/ ~20% gravel angular to subangular 7.5 5/4 brown, damp	1535 Connecting 380-400 1541 @ 390 VOC = 0.3 ppm
		Good	Cyclone grab	20' casing		
390					Well graded sand (SW) ~ 10% gravel angular to subangular 7.5 5/4 brown, damp	1546 @ 400 VOC = 0.1 ppm
		Good	Cyclone grab			1600 Connecting 400-420
400					well graded sand (SW) 7.5 5/4 brown, ~~damp~~ dry	1417 @ 410 VOC = 0.1 ppm — 10/7 Rig start up at 1252
		Good	Cyclone grab	20' casing		1300 @ 420
410					well graded sand (SW) 7.5 ~~5/4~~ 6/3 brown, dry	VOC = 0.0 ppm
		Good	Cyclone grab			
420						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB-10616

SHEET 8 OF

SOIL BORING LOG

PROJECT: ST 106 To 313

LOCATION: Short

ELEVATION:

DRILLING CONTRACTOR: WDC / Jeff Burris driller

DRILLING METHOD AND EQUIPMENT USED: 50K Speed star ARCH 4.4

WATER LEVEL:

START: 10-4-08

LOGGER: T Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY; SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
420	X	—	S.S	50,51,X	Poorly ~~graded~~ graded gravel w/ Small to cobble size stones (2mm - 10mm) (GP) Sub angular	1311 took VOC at casing VOC = 0.0 ppm; 1525 Sample ST 106SS10616-420 — 10/S
	X	Good	Cyclone grab	20' casing	well graded Sand (SW) 7.5 6/4 brown, damp	1045 connecting 420-440; 1110 @ 430; VOC = 0.2 ppm
430	X	Good	Cyclone grab		Same as Above	1117 @ 440; VOC = 0.4 ppm
						1124 connecting 440-460
440	X	Good	Cyclone grab	20' casing	well graded sand (SW) coarser grained than one above, 7.5 5/4 brown, damp	1136 @ 450; VOC = 0.4 ppm
450	X	Good	Cyclone grab		Same as above	1150 @ 460; VOC = 0.2 ppm
						1154 connecting 460-480
460	X	Good	Cyclone grab	20' casing	Same as above but slightly finer grained	1218 @ 470; VOC = 0.1 ppm
470	X	Good	Cyclone grab		well graded sand (SW) coarse to fine grained 7.5 5/4 brown dry	1231 @ 480; VOC = 1.2 ppm
480						

CH2MHILL

PROJECT NUMBER: 376920

BORING NUMBER: KAFB-0616

SHEET 9 OF

SOIL BORING LOG

PROJECT: ST 106 T0313

LOCATION: Short

ELEVATION:

DRILLING CONTRACTOR: W.D.C, Jeff Burcis driller

DRILLING METHOD AND EQUIPMENT USED: 50K speed Star ARCH RIG

WATER LEVEL:

START: 10-4-05

LOGGER: T Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL	RECOVERY	NUMBER AND TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
480		6,0,0	S.S	13,23,32	well graded sand (SW) ~~[illegible]~~ fine grained ~~[illegible]~~ w/ ~ 2% gravel 7.5 5/2, brown, damp	1325 took VOC at casing ~~VOC = 1.9~~ TA VOC = 1.9 breathing zone VOC = 0.1 1328 sample ST106SS10616-480
		Poor	Cyclone grab	20' casing	Same as above	1336 ~~[illegible]~~ connecting 480-500 1348 @ 490 VOC = 0.0 PPM
490		Poor	Cyclone grab		Same as above except Saturated	1558 @ 500 VOC = 0.0 PPM 10/9 0840 connecting 500-520 1007 @ 510
500		Poor	Cyclone grab	20' casing	Same as above except dry, probably from blower	VOC = 0.0 PPM @ 520
510			Cyclone grab			VOC = PPM
520						

CH2MHILL

PROJECT NUMBER

WELL NUMBER KAFB - 10616

WELL COMPLETION DIAGRAM

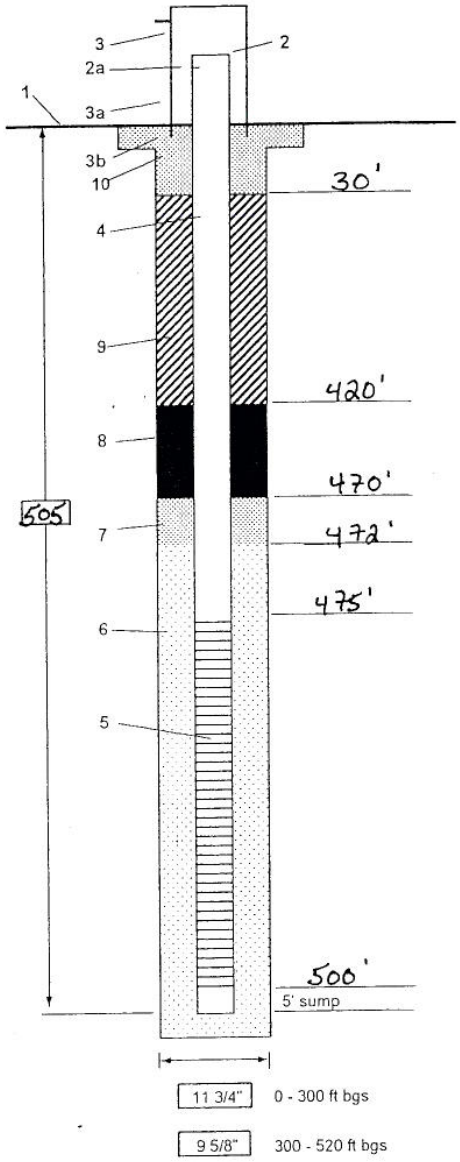
PROJECT : KAFB Bulk Fuels Facility

LOCATION : SW of Bulk Fuels

DRILLING CONTRACTOR : WDC Exploration & Wells

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K

WATER LEVELS 489.55 START : END : LOGGER : T. Arrowood



Not to scale

1- Ground elevation at well	TBD
2- Top of casing elevation	approximately 3 ft above ground surface
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
a) sump	5' stainless sump below well screen
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness to be installed	~~at least 2 feet~~ 3' above screen
7- Type of transition sand	20/40 Colorado Silica Sand
a) thickness to be installed	~~1-2 feet~~ 2'
8- Type of seal	hydrated bentonite chips
a) thickness to be installed	~~10-20 feet~~ 50'
9- Grout	volclay bentonite grout
a) thickness to be installed	approximately ~~450'~~ 390'
10- Cement	Portland Cement
a) thickness to be installed	30' (from ground surface to 30' bgs)
Development method	bail, swab, bail, pump wells with PSH will not be pumped
Development time	no more than 3 weeks after well completion

Comments: Total depth of wells to be between 500' and 520' bgs.
Top of screen to be placed 5 - 15' above water table as determined by CH2M HILL.

Some wells will require surface completion, details to be determined as needed.

All completion details subject to change.

- centralizers at top + bottom of screen and every 50'

all depths below ground surface

SEAL AND PUMP

TYPE OF PUMP:	☐ SUBMERSIBLE	☐ JET	☐ NO PUMP – WELL NOT EQUIPPED
	☐ TURBINE	☐ CYLINDER	☐ OTHER – SPECIFY:

ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
	0	30	11 3/4	NEAT CEMENT		TRIMMED
	30	470	11 3/4 9 5/8	QUICK GROUT AND CHIPS		TRIMMED
	470	505	9 5/8	10/20 SAND		TRIMMED

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?
			SEE ATTACHED	☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

WELL TEST

METHOD: ☐ BAILER ☑ PUMP ☐ AIR LIFT ☐ OTHER – SPECIFY:

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS:

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

SIGNATURE OF DRILLER — DATE: 10-25-08

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 2 OF 2

File Number: RG-1581

HC 1414216
$5.00

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO DRILL A MONITORING WELL

1. APPLICANT:

Name: Kirtland Air Force Base-Environmental Management Work Phone: 505/853-6534
Contact: Carl Lanz, 377MSG/CEVR Home Phone: 505/853-6534
Address: 2050 Wyoming Blvd., SE

City: Albuquerque State: NM Zip: 87117-5720

2. LOCATION OF WELL (A, B, C, or D required, E or F if known):

A. NE 1/4 SW 1/4 NE 1/4 Section: 36 Township: 10N Range: 03E N.M.P.M.
in Bernalillo County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System
_____ Zone in the _____ Grant.
U.S.G.S. Quad Map _____

C. Latitude: ____d ____m ___s Longitude: ____d ____m ____s

D. East 1543238 (m), North 1475216 (m), UTM Zone 13, NAD (83) (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the
_____ Subdivision recorded in _____ County.

G. Other: _____

H. Give State Engineer File Number of existing well: _____

I. On land owned by (required): US Department of Veterans Affairs

STATE ENGINEER OFFICE ALBUQUERQUE, NEW MEXICO 2007 AUG 27 PM 4: 11

3. WELL INFORMATION:

Approximate depth 512 feet; Outside diameter of casing 4 inches.
Name of well driller and driller license number Mark Green, NMWD1210

4. ADDITIONAL STATEMENT OR EXPLANATIONS:

Diagram showing proposed well completion details is attached.
Well will be used for groundwater monitoring at Kirtland AFB.
Drilling is scheduled to begin on 4 September 2007.
Monitoring well will be in service for a minimum of five years.
Well ID = KAFB-10612.

STATE ENGINEER OFFICE ALBUQUERQUE, NEW MEXICO 2007 AUG 24 PM 12: 33

File Number: RG-1581 PD104 Trn Number: 388862
Form: wr-07 page 1 of 2

File Number: RG-1581

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT
TO DRILL AN EXPLORATORY WELL

ACKNOWLEDGEMENT FOR NATURAL PERSONS

(I, We) _____ affirm that the
(Please Print)
foregoing statements are true to the best of my knowledge and belief.

_____ _____.
Applicant Signature Applicant Signature

ACTION OF STATE ENGINEER

This application is approved/denied/partially approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare, and further subject to the following conditions: _____

SEE ATTACHED
CONDITIONS OF APPROVAL

Witness my hand and seal this 11th day of September, 20 07

JOHN R. D'ANTONIO, JR. P.E.
STATE ENGINEER, State Engineer

By: _____
Ray Sandoval, District 1

File Number: RG-1581 POD104 Trn Number: 388862
Form: wr-07 page 2 of 2

CH2MHILL

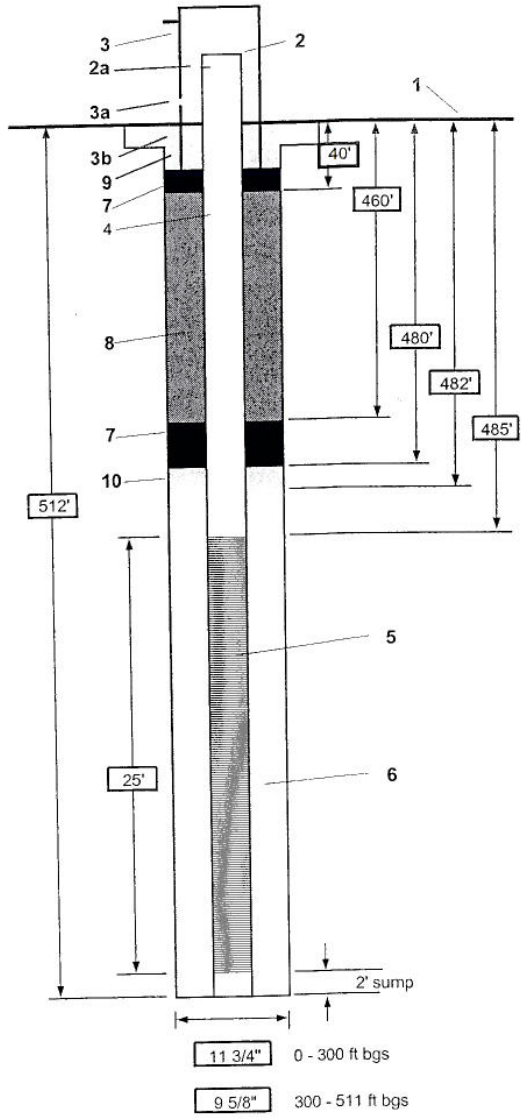
PROJECT NUMBER

WELL NUMBER
KAFB-10612

SHEET 1 OF 1

ESTIMATED WELL COMPLETION DIAGRAM

PROJECT : KAFB Bulk Fuels Facility, Well KAFB 10612 LOCATION : East of San Pedro Dr, south of intersection of Dakota St and Ridgecrest Dr, Albuquerque NM
DRILLING CONTRACTOR : WDC Exploration & Wells
DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K
WATER LEVELS estimated to be 490 ft bgs START : END : LOGGER :



Not to scale

1- Ground elevation at well	Unknown
2- Top of casing elevation	approximately 3 ft above ground surface
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) Quantity used	
7- Type of seal	hydrated bentonite chips
a) Quantity used	
8- Grout	
a) Grout mix used	volclay bentonite grout
b) Method of placement	tremie pipe
c) Vol. of well casing grout	
Development method	bail, swab, bail, pump
Development time	
Estimated purge volume	

Comments 10) transition sand:20/40 Colorado Silica Sand 2' thick
Top of grout is 40 ft bgs; hydrated bentonite chips from 40-30 ft bgs;
9) Portland cement from 0-30 ft;
2' sump below well screen

2007 AUG 27 PM 4:11
STATE ENGINEER OFFICE
ALBUQUERQUE, NEW MEXICO
2007 AUG 24 PM 12:33

CONDITIONS OF APPROVAL

1. Well RG-1581 (POD100) thru RG-1581 (POD108) shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.

2. If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

3. Well record shall be filed with the State Engineer within 10 days after the well is drilled. Failure to timely file the well record shall result in cancellation of this permit.

4. Wells RG-1581 (POD100) thru RG-1581 (POD108) will be plugged upon completion of permitted use, and a plugging report will be filed with the State Engineer within 10 days.

5. Water shall be used from wells RG-1581 (POD100) thru RG-1581 (POD108) for monitoring purposes only unless and until a permit for a specific use has been issued by the State Engineer.

File Number: RG 1581

AL 1-41424
45.00

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO DRILL A MONITORING WELL

1. APPLICANT:

Name: Kirtland Air Force Base-Environmental Management Work Phone: 505/853-6534
Contact: Carl Lanz, 377MSG/CEVR Home Phone: 505/853-6534
Address: 2050 Wyoming Blvd., SE

City: Albuquerque State: NM Zip: 87117-5720

2. LOCATION OF WELL (A, B, C, or D required, E or F if known):

A. NW 1/4 SW 1/4 NE 1/4 Section: 36 Township: 10N Range: 03E N.M.P.M. in Bernalillo County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant. U.S.G.S. Quad Map _____

C. Latitude: ____d ____m ____s Longitude: ____d ____m ____s

D. East 1542676 (m), North ~~1475433~~ 1475433 (m), UTM Zone 13, NAD 83 (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of _____ Subdivision recorded in _____ County.

G. Other: _____

H. Give State Engineer File Number of existing well: _____

I. On land owned by (required): US Department of Veterans Affairs

STATE ENGINEER OFFICE ALBUQUERQUE, NEW MEXICO 2007 AUG 27 PM 4:11

3. WELL INFORMATION:

Approximate depth 512 feet; Outside diameter of casing 4 inches.
Name of well driller and driller license number Mark Green, NMWD1210

4. ADDITIONAL STATEMENT OR EXPLANATIONS:

Diagram showing proposed well completion details is attached.
Well will be used for groundwater monitoring at Kirtland AFB.
Drilling is scheduled to begin on 4 September 2007.
Monitoring well will be in service for a minimum of five years.
Well ID = KAFB-10614.

STATE ENGINEER OFFICE ALBUQUERQUE, NEW MEXICO 2007 AUG 24 PM 12:33

File Number: RG-1581 POD106 Trn Number: 388862
Form: wr-07 page 1 of 2

File Number: RG-1581

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT
TO DRILL AN EXPLORATORY WELL

ACKNOWLEDGEMENT FOR NATURAL PERSONS

(I, We) _____ affirm that the
(Please Print)
foregoing statements are true to the best of my knowledge and belief.

_____ _____.
Applicant Signature Applicant Signature

ACTION OF STATE ENGINEER

This application is approved/denied/partially approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare, and further subject to the following conditions: _____

SEE ATTACHED
CONDITIONS OF APPROVAL

Witness my hand and seal this 11th day of September, 20 07

JOHN R. D'ANTONIO, JR. P.E.
STATE ENGINEER, State Engineer

By: _____
Ray Sandoval, District 1

File Number: RG-1581 POD1 06 Trn Number: 388862
Form: wr-07 page 2 of 2

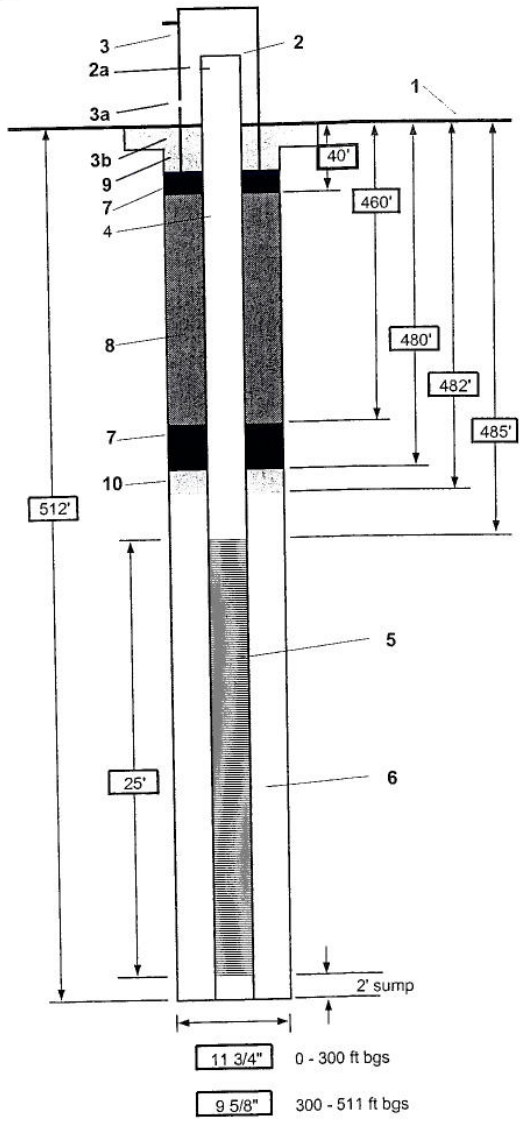
CH2MHILL

PROJECT NUMBER

WELL NUMBER KAFB-10614 SHEET 1 OF 1

ESTIMATED WELL COMPLETION DIAGRAM

PROJECT : KAFB Bulk Fuels Facility, Well KAFB 10614 LOCATION : East of San Pedro Dr, southwest of intersection of Ridgecrest Pl and Ridgecrest Dr, Albuque
DRILLING CONTRACTOR : WDC Exploration & Wells
DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K
WATER LEVELS estimated to be 490 ft bgs START : END : LOGGER :



Not to scale

1- Ground elevation at well	Unknown
2- Top of casing elevation	approximately 3 ft above ground surface
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) Quantity used	
7- Type of seal	hydrated bentonite chips
a) Quantity used	
8- Grout	
a) Grout mix used	volclay bentonite grout
b) Method of placement	tremie pipe
c) Vol. of well casing grout	
Development method	bail, swab, bail, pump
Development time	
Estimated purge volume	

Comments 10) transition sand:20/40 Colorado Silica Sand 2' thick
Top of grout is 40 ft bgs; hydrated bentonite chips from 40-30 ft bgs;
9) Portland cement from 0-30 ft;
2' sump below well screen

STATE ENGINEER OFFICE ALBUQUERQUE, NEW MEXICO 2007 AUG 27 PM 4: 14

STATE ENGINEER OFFICE ALBUQUERQUE, NEW MEXICO 2007 AUG 24 PM 12: 33

CONDITIONS OF APPROVAL

1. Well RG-1581 (POD100) thru RG-1581 (POD108) shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.

2. If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

3. Well record shall be filed with the State Engineer within 10 days after the well is drilled. Failure to timely file the well record shall result in cancellation of this permit.

4. Wells RG-1581 (POD100) thru RG-1581 (POD108) will be plugged upon completion of permitted use, and a plugging report will be filed with the State Engineer within 10 days.

5. Water shall be used from wells RG-1581 (POD100) thru RG-1581 (POD108) for monitoring purposes only unless and until a permit for a specific use has been issued by the State Engineer.

File Number: RG-1581

NM-44426
45.00

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO DRILL A MONITORING WELL

1. APPLICANT:

Name: Kirtland Air Force Base-Environmental Management Work Phone: 505/853-6534
Contact: Carl Lanz, 377MSG/CEVR Home Phone: 505/853-6534
Address: 2050 Wyoming Blvd., SE

City: Albuquerque State: NM Zip: 87117-5720

2. LOCATION OF WELL (A, B, C, or D required, E or F if known):

A. SW 1/4 SW 1/4 NE 1/4 Section: 36 Township: 10N Range: 03E N.M.P.M. in Bernalillo County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant. U.S.G.S. Quad Map _____

C. Latitude: ____d ____m ___s Longitude: ____d ____m ____s

D. East ~~[illegible]~~ 1542891 (m), North 1474595 (m), UTM Zone 13, NAD 83 (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the _____ Subdivision recorded in _____ County.

G. Other: _____

H. Give State Engineer File Number of existing well: _____

I. On land owned by (required): City of Albuquerque

STATE ENGINEER OFFICE ALBUQUERQUE, NEW MEXICO 2007 AUG 27 PM 4: 10

3. WELL INFORMATION:

Approximate depth 512 feet; Outside diameter of casing 4 inches.
Name of well driller and driller license number Mark Green, NMWD1210

4. ADDITIONAL STATEMENT OR EXPLANATIONS:

Diagram showing proposed well completion details is attached.
Well will be used for groundwater monitoring at Kirtland AFB.
Drilling is scheduled to begin on 4 September 2007.
Monitoring well will be in service for a minimum of five years.
Well ID = KAFB-10611.

STATE ENGINEER OFFICE ALBUQUERQUE, NEW MEXICO 2007 AUG 24 PM 12: 33

File Number: RG-1581 POD103 Trn Number: 388862
Form: wr-07 page 1 of 2

File Number: RG-1581

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT
TO DRILL AN EXPLORATORY WELL

ACKNOWLEDGEMENT FOR NATURAL PERSONS

(I, We) _____ affirm that the
(Please Print)
foregoing statements are true to the best of my knowledge and belief.

_____ _____.
Applicant Signature Applicant Signature

ACTION OF STATE ENGINEER

This application is approved/denied/partially approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare, and further subject to the following conditions: _____

SEE ATTACHED
CONDITIONS OF APPROVAL

Witness my hand and seal this 11th day of September, 20 07
JOHN R. D'ANTONIO, JR. P.E.
STATE ENGINEER, State Engineer

By: _____
Roy Sandoval, District 1

File Number: RG-1581 PCD 103 Trn Number: 388862
Form: wr-07 page 2 of 2

CH2MHILL

PROJECT NUMBER

WELL NUMBER KAFB-10611 SHEET 1 OF 1

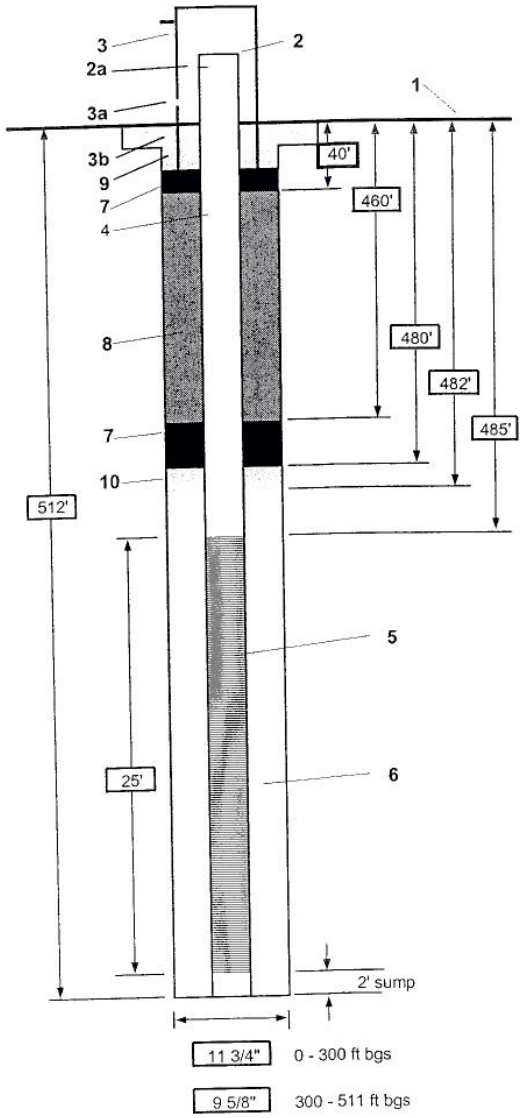
ESTIMATED WELL COMPLETION DIAGRAM

PROJECT : KAFB Bulk Fuels Facility, Well KAFB 10611 LOCATION : East of the south end of San Pedro, at the east end of the Bullhead Park parking lot, Albuque

DRILLING CONTRACTOR : WDC Exploration & Wells

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K

WATER LEVELS estimated to be 490 ft bgs START : END : LOGGER :



Not to scale

1- Ground elevation at well	Unknown
2- Top of casing elevation	approximately 3 ft above ground surface
a) vent hole?	no
3- Wellhead protection cover type	above ground 8" dia. steel pipe w/locking lid
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	stainless steel 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) Quantity used	
7- Type of seal	hydrated bentonite chips
a) Quantity used	
8- Grout	
a) Grout mix used	volclay bentonite grout
b) Method of placement	tremie pipe
c) Vol. of well casing grout	
Development method	bail, swab, bail, pump
Development time	
Estimated purge volume	

Comments 10) transition sand:20/40 Colorado Silica Sand 2' thick
Top of grout is 40 ft bgs; hydrated bentonite chips from 40-30 ft bgs;
9) Portland cement from 0-30 ft;
2' sump below well screen

STATE ENGINEER OFFICE ALBUQUERQUE, NEW MEXICO 2007 AUG 27 PM 4:19

STATE ENGINEER OFFICE ALBUQUERQUE, NEW MEXICO 2007 AUG 24 PM 12:33

CONDITIONS OF APPROVAL

1. Well RG-1581 (POD100) thru RG-1581 (POD108) shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.

2. If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

3. Well record shall be filed with the State Engineer within 10 days after the well is drilled. Failure to timely file the well record shall result in cancellation of this permit.

4. Wells RG-1581 (POD100) thru RG-1581 (POD108) will be plugged upon completion of permitted use, and a plugging report will be filed with the State Engineer within 10 days.

5. Water shall be used from wells RG-1581 (POD100) thru RG-1581 (POD108) for monitoring purposes only unless and until a permit for a specific use has been issued by the State Engineer.

APPENDIX C

Attachment 3

Drilling Investigation Soil Samples
Collected between September 3 and December 19, 2008

CONTENTS

Section **Page**

1.0 INTRODUCTION 1

1.1 Analytical Data 1

2.0 DATA VERIFICATION RESULTS 2

2.1 Completeness Evaluation 2
2.1.1 Sampling Completeness 2
2.1.2 Analytical Completeness 2
2.2 Representativeness Evaluation 2
2.2.1 Holding Time and Preservation 2
2.2.2 Method Blank Samples 3
2.2.3 Field Blank Samples 3
2.3 Accuracy Evaluation 4
2.3.1 Calibration 4
2.3.2 Laboratory Control Samples 5
2.3.3 Internal Standards 5
2.3.4 Matrix Spikes 5
2.3.5 Surrogate Samples 6
2.4 Precision Evaluation 6
2.4.1 Field Duplicates 6
2.4.2 Laboratory Control Sample Duplicates 6
2.4.3 Matrix Spike Duplicates 7
2.5 Comparability Evaluation 7

3.0 OVERALL ASSESSMENTS 8

REFERENCES 9

ATTACHMENT

Data Validation Tables

ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
CCV	continuing calibration verification
%D	percent difference
DQE	data quality evaluation
DRO	Diesel Range Organics
EB	equipment blank
EPA	Environmental Protection Agency
FD	field duplicate
GRO	Gasoline Range Organics
ICAL	initial calibration
ICVS	initial calibration verification standard
KAFB	Kirtland Air Force Base
LCS/LCSD	laboratory control spike/laboratory control spike duplicate
MS/MSD	matrix spike/matrix spike duplicate
NFG	National Functional Guidelines
PARCC	precision, accuracy, representativeness, comparability, and completeness
PEL	Progress Environmental Lab
QAPP	quality assurance project plan
QC	quality control
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
%RSD	percent relative standard deviation
TB	trip blank
TPH	total petroleum hydrocarbons
VOC	volatile organic compound

1.0 INTRODUCTION

This data quality evaluation (DQE) report presents the analytical results for soil samples collected from the Bulk Fuels Facility Drilling Investigation at Kirtland Air Force Base (AFB), New Mexico. Soil samples were collected between September 3 and December 19, 2008. Guidance for this DQE report came from the *Kirtland AFB Bulk Fuels Facility Quality Assurance Project Plan* (ST-106 QAPP) (USAF, 2007), the *U.S. Environmental Protection Agency (EPA) Contract Laboratory National Functional Guidelines (NFG) for Organic Review* (EPA, 2007), the *U.S. EPA Contract Laboratory NFG for Inorganic Review* (EPA, 2004), and individual method requirements. The analytical results were evaluated using the criteria of precision, accuracy, representativeness, comparability, and completeness (PARCC) as defined in the ST-106 QAPP.

1.1 Analytical Data

This DQE report covers 77 normal soil samples, 9 field duplicates (FD), 7 equipment blanks (EB), and 28 trip blanks (TB). The samples were divided into 30 sample delivery groups identified as: 2510179, 2510198, 2510209, 2510210, 2510215, 2510227, 2510248, 2510345, 2510346, 2510360, 2510389, 2510409, 2510460, 2510512, 2510528, 2510533, 2510538, 2510559, 2510570, 2510940, 2510954, 2510963, 2511083, 2511185, 2511211, 2511221, 2511286, 2511331, 2511348, and 2511354. The samples were collected and delivered to Progress Environmental Lab (PEL) in Tampa, Florida. The samples were analyzed by one or more of the methods listed in Table 1. Due to the size of some tables, all tables are located at the end of this document.

The analytical results were assessed by reviewing the following: (1) the chain-of-custody documentation; (2) holding-time compliance; (3) calibration criteria; (4) method blank and field blank samples; (5) laboratory control spike /laboratory control spike duplicate samples (LCS/LCSD); (6)matrix spike/matrix spike duplicate (MS/MSD); (7) surrogate spike recoveries; (8) internal standard recoveries; (9) field duplicate (FD) precision; and (10) the required quality control (QC) samples at the specified frequencies.

Data flags were assigned according to the ST-106 QAPP. Multiple flags are routinely applied to specific sample method, matrix, and analyte combinations, but there will only be one final flag. A final flag is applied to the data and is the most conservative of the applied validation flags. The final flag also includes matrix and blank sample impacts.

The data flags are those listed in the ST-106 QAPP, and are defined below:

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- R = The sample result was rejected due to serious deficiencies in the ability to analyze the sample and meet the QC criteria. The presence or absence of the analyte could not be verified.
- U = The analyte was analyzed for but was not detected above the reported sample quantitation limit.
- UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

A summary of the qualified data is presented in Table 2.

2.0 DATA VERIFICATION RESULTS

2.1 Completeness Evaluation

2.1.1 Sampling Completeness

Sampling completeness was assessed by reviewing the chain-of-custody documentation. Required procedures were followed and all acceptance criteria were met.

2.1.2 Analytical Completeness

Analytical completeness was evaluated using the following equation:

$$\text{Completeness} = \frac{\text{Number of valid data points}}{\text{Total number of measurements}} \times 100$$

Where:

The number of valid data points is the total number of valid analytical measurements based on the precision, accuracy, and holding-time evaluation.

All samples were analyzed according to the ST-106 QAPP. Based on the results of the data verification, all data are considered valid as qualified. The analytical completeness goal of 95 percent was met for the project. The analytical results are listed in Table 3.

2.2 Representativeness Evaluation

Representativeness is a qualitative expression of the degree to which sample data accurately and precisely represent a characteristic of a population, sampling point or an environmental condition. Representativeness is maximized by ensuring that the number and location of sampling points, sample collection and analysis methods are appropriate for the specific investigation and that the sampling and analysis program provides data that reflects “true” site conditions. The data were evaluated for representativeness by assessing the following: the use of standard methods and reporting units, sample preservation, holding-time compliance, and method and field blank results.

2.2.1 Holding Time and Preservation

Holding time is the length of time after sample collection to extraction and/or analysis. Sample analyses met holding-time requirements for this project with the following exception:

Samples ST106-SS-10611-300 and ST106-SS-10611-360 exceeded the extraction holding time associated with the diesel range organics (DRO) analysis. The associated data were qualified as estimated detected results and flagged “J”.

The sample holding times for this project are listed in Table 4.

2.2.2 Method Blank Samples

A method blank contains all the target analytes of interest and is carried through the same analytical procedures as the environmental samples. Method blanks were analyzed at the required frequency and were free of contamination with the exceptions listed below:
TPH C6-C10 was detected at a concentration less than the RL in the method blanks associated with the gasoline range organics (GRO) analysis. The associated data were qualified as not detected and flagged "U".

TPH C10-C28 was detected at a concentration less than the RL in the method blanks associated with the DRO analysis. The associated data were qualified as not detected and flagged "U".

Methylene chloride was detected at a concentration greater than the RL in a method blank associated with the volatile organic compound (VOC) analysis. The associated data were qualified as not detected and flagged "U".

Methylene chloride was detected at a concentration less than the RL in method blanks associated with the VOC analysis. The associated data were qualified as not detected and flagged "U". In addition, naphthalene was detected at a concentration less than the RL in method blanks associated with the VOC analysis. The data were not qualified because the associated samples did not contain reportable levels of this analyte.

The results of the method blank analyses are presented in Table 5.

2.2.3 Field Blank Samples

EBs and TBs were collected, analyzed and were free of contamination with the following exceptions:

TPH C10-C28 was detected at a concentration less than the RL in EBs associated with the DRO analysis. The associated data were qualified as not detected and flagged "U".

Bromoform was detected at a concentration greater than the RL in an EB associated with the VOC analysis. The associated data were qualified as not detected and flagged "U". In addition, dibromochloromethane was detected at a concentration less than the RL in an EB associated with the VOC analysis. The data were not qualified because the associated samples did not contain reportable levels of this analyte.

TPH C6-C10 was detected at a concentration greater than the RL in a TB associated with the GRO analysis. The associated data was qualified as not detected and flagged "U".

Acetone and methylene chloride were detected at concentrations less than the RL in TBs associated with the VOC analysis. The associated data were qualified as not detected and flagged "U". In addition, dibromochloromethane and bromoform were detected at concentrations less than the RL in TBs associated with the VOC analysis. The data were not qualified because the associated samples did not contain reportable levels of these analytes.

The results of the EB and TB analyses are presented in Table 5.

2.3 Accuracy Evaluation

Accuracy is a measure of the level of agreement between a measurement and a known true value. Accuracy is evaluated by percent recovery (%R), which is calculated using the following equation:

$$\%R = \frac{A-B}{C} \times 100$$

Where,

A = the measured concentration of the analyte in the spiked sample;
B = the measured concentration of the analyte in the unspiked sample; and
C = the concentration of the analyte used for spiking.

Accuracy was evaluated using initial and continuing calibration recoveries, LCS/LCSD recoveries, MS/MSD recoveries, internal standard recoveries, and surrogate spike recoveries.

2.3.1 Calibration

Initial and continuing calibration analyses were performed as required by the methods and met all acceptance criteria with the following exceptions:

The percent relative standard deviation (%RSD) for TPH C10-C28 exceeded method criteria in the DRO initial calibrations (ICAL). The associated data were qualified as estimated detected and non-detected results and flagged “J” and “UJ”, respectively.

The acetone detections in samples ST106-SS-10615-360 and ST106-SS-10616-060 exceeded the calibration range in the initial analysis of the samples and were not detected in the dilutions. The detected results in the initial analysis were reported but qualified as estimated and flagged “J”.

The %RSD for several analytes exceeded method criteria in the VOC ICALs. The associated data were qualified as estimated detected and non-detected results and flagged “J” and “UJ”, respectively.

The relative response factor (RRF) for 4-methyl-2-pentanone was less than method criteria in a VOC initial calibration verification standard (ICVS). The associated data were qualified as estimated non-detected results and flagged “UJ”.

The %Ds for acetone and chloromethane exceeded method criteria in a VOC ICVS. The associated data were qualified as estimated detected and non-detected results and flagged “J” and “UJ”, respectively. In addition, the percent difference (%D) for 1,2-dibromo-3-chloropropane exceeded method criteria in a VOC ICVS. The data were not qualified because the associated samples did not contain reportable levels of this analyte.

The %Ds for several analytes exceeded method criteria in the VOC continuing calibration verification standards (CCV). The associated data were qualified as estimated detected and non-detected results and flagged “J” and “UJ”, respectively.

2.3.2 Laboratory Control Samples

LCS/LCSDs were analyzed to assess accuracy in the absence of matrix effects. The accuracy criteria were met with the following exceptions:

TPH C10-C28 was recovered less than the lower control limit in a DRO LCS. The associated data were qualified as estimated detected results and flagged "J".

TPH C6-C10 was recovered less than the lower control limit in a GRO LCS. The associated data were qualified as estimated non-detected results and flagged "UJ".

Chloroform and methylene chloride were recovered greater than the upper control limit in VOC LCSs. The associated data were qualified as estimated detected results and flagged "J". In addition, 1,2,4-trichlorobenzene, 1,2,3-trichlorobenzene, and naphthalene were recovered greater than the upper control limits in VOC LCSs. The associated data were not qualified because the samples did not contain reportable levels of these analytes.

Laboratory control sample results are presented in Table 6.

2.3.3 Internal Standards

Internal standards were added to samples where the methods required their use and all acceptance criteria were met.

2.3.4 Matrix Spikes

Site specific MS/MSD samples were analyzed to assess accuracy and to identify possible matrix effects associated with the samples. Only the "parent" samples were qualified for MS issues, but data users should take into consideration low spike recoveries when evaluating other sample locations which may be similar to these sample locations. MS/MSD samples were analyzed as required and all accuracy criteria were met with the following exceptions:

TPH C6-C10 was recovered less than the lower control limit in a GRO MS. The associated data was qualified as an estimated non-detected result and flagged "UJ".

Several analytes were recovered less than the lower control limit in the VOC MSs. The associated data were qualified as estimated detected and non-detected results and flagged "J" and "UJ", respectively.

Chloroform and methylene chloride were recovered greater than the upper control limit in the VOC MSs. The data were qualified as estimated detected results and flagged "J". In addition, chloroethane was recovered greater than the upper control limit in a VOC MS. The associated data was not qualified because the sample did not contain reportable levels of this analyte.

TPH C6-C10 was recovered less than the lower control limit in a GRO SD. The associated data was qualified as an estimated non-detected result and flagged "UJ".

TPH C10-C28 was recovered greater than the upper control limit in a DRO SD. The associated data was not qualified because the sample did not contain reportable levels of this analyte.

Bromomethane and chloroethane were recovered less than the lower control limit in VOC SDs. The associated data were qualified as estimated non-detected results and flagged “UJ”.

Methylene chloride was recovered greater than the upper control limit in a VOC SD. The associated data was qualified as an estimated detected result and flagged “J”.

Matrix spike results are presented in Table 7.

2.3.5 Surrogate Samples

Surrogates were added to all samples for the methods requiring their use. QC criteria were met with the following exceptions:

Sample ST106-SS-10611-120 had a surrogate recovered less than the lower control limit in the DRO analysis. The associated data was qualified as an estimated detected result and flagged “J”.

Samples ST106-SS-10611-360, ST106-SS-10614-300, ST106-SS-10618-300, and ST106-SS-10618-300DUP had a surrogate recovered less than the lower control limit in the VOC analysis. The associated data were qualified as estimated detected and non-detected results and flagged “J” and “UJ”, respectively.

2.4 Precision Evaluation

Precision measures the reproducibility of measurements under a given set of conditions and is expressed as relative percent difference (RPD):

$$RPD = \left(\frac{|A-B|}{[A+B]/2} \right) \times 100$$

Where,

A = the concentration of “parent” sample, and
B = the concentration of the “duplicate/replicate” sample.

Precision was evaluated for this project using FD, LCS/LCSD, and MS/MSD RPD.

2.4.1 Field Duplicates

FD samples were collected, analyzed, and all precision criteria were met.

2.4.2 Laboratory Control Sample Duplicates

LCSD samples were analyzed and precision criteria were met with the exception of:

Methylene chloride exceeded the RPD control criteria in a VOC LCS/LCSD. The associated data was qualified as an estimated detected result and flagged “J”.

2.4.3 Matrix Spike Duplicates

MSD samples were analyzed as required and all acceptance criteria were met with the following exception:

Acetone exceeded the RPD control criteria in the VOC MS/MSDs. The associated data were qualified as estimated detected results and flagged "J". In addition, several analytes exceeded the RPD control criteria in the VOC MS/MSDs. The associated data were not qualified because the samples did not contain reportable levels of these analytes.

2.5 Comparability Evaluation

Comparability is expressed as the confidence level in which one data set may be compared to another data set. Standardized methodology was used in the collection, analyses, and reporting of the data. Therefore, the data from this sampling event should be comparable to data collected previously at the site.

3.0 OVERALL ASSESSMENTS

Review of laboratory and field QC indicators were used to assess the PARCC of the Bulk Fuels Facility Soil Drilling Investigation samples collected by CH2M HILL at ST-106/SS-111. The assessment concluded that the PARCC of the data are generally acceptable. Evaluation of the data was modeled after the *USEPA NFG for Organic Data Review* (EPA, 2007), the *USEPA NFG for Inorganic Data Review (EPA, 2004)*, the ST-106 QAPP (USAF, 2007), and individual method requirements.

Precision of the data was verified through the review of the field and laboratory data quality indicators that include FD, LCS/LCSD, MS/MSD, and confirmation RPDs. Precision was generally acceptable with two compounds being qualified as estimated due to LCS/LCSD and/or MS/MSD RPD issues.

Accuracy of the data was verified through the review of calibration data, LCS samples, MS samples, internal standards, and surrogate spike data. Accuracy was generally acceptable with a many compounds being qualified as estimated due to calibration, LCS, MS, and/or surrogate issues. Data users should consider the impact to any result that is qualified as estimated as it may contain a bias which could affect the decision-making process.

Representativeness of the data was verified through the sample's collection, storage and preservation procedures, verification of holding-time compliance, and the evaluation of method and field blank data. Two DRO samples were extracted past the EPA recommended holding time. Several analytes were qualified due to contamination in the EBs, method blanks, and/or TBs.

Comparability of the data was ensured through the use of standard EPA analytical procedures and standard units for reporting. Results obtained are comparable to industry standards in that collection and analytical techniques followed approved, documented procedures.

Completeness is a measure of the number of valid measurements obtained in relation to the total number of measurements planned. Completeness is expressed as the percentage of valid or usable measurements, compared to planned measurements. Valid data are defined as all data that are not rejected for project use. All data were considered valid as qualified. The completeness goal of 95 percent was met for all methods and analytes.

REFERENCES

EPA, 1996. *EPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846) 3rd ed. with updates.* U.S. Environmental Protection Agency.

EPA, 2007. *Contract Laboratory Program National Functional Guidelines for Organic Data Review.* U.S. Environmental Protection Agency. USEPA-540-R-07-003. July.

EPA, 2004. *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review.* U.S. Environmental Protection Agency. EPA540/R-04/004. October.

USAF, 2007. *Kirtland AFB Bulk Fuels Facility Quality Assurance Project Plan (ST-106 QAPP)* U. S. Air Force, Kirtland Air Force Base, New Mexico. January.

THIS PAGE INTENTIONALLY LEFT BLANK

ATTACHMENT
Data Validation Tables

Table 1. Summary of Analytical Parameters for Bulk Fuels Facility Drilling Investigation Samples

Parameter	Method	Laboratory
Volatile Organic Compounds (VOC)	SW8260B (EPA, 1996)	PEL
Diesel Range Organics (DRO)	SW8015-E (EPA, 1996)	PEL
Gasoline Range Organics (GRO)	SW8015-P (EPA, 1996)	PEL

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10611-060	SW8015-E	TPH C10-C28	mg/kg	17.4	J	LCS<LCL
ST106-SS-10611-060	SW8015-P	TPH C6-C10	mg/kg	1.4	U	LB>MDL
ST106-SS-10611-060	SW8260B	Acetone	µg/kg	23.4	U	TB<RL
ST106-SS-10611-120	SW8015-E	TPH C10-C28	mg/kg	4.5	U	EB>MDL, Sur<LCL (J)
ST106-SS-10611-120	SW8260B	Acetone	µg/kg	16.6	U	TB<RL
ST106-SS-10611-120DUP	SW8015-E	TPH C10-C28	mg/kg	4.5	U	EB>MDL
ST106-SS-10611-120DUP	SW8260B	Acetone	µg/kg	18.4	U	TB<RL
ST106-SS-10611-300	SW8015-E	TPH C10-C28	mg/kg	9.1	J	HT>UCL
ST106-SS-10611-300	SW8260B	Acetone	µg/kg	20.3	U	TB<RL
ST106-SS-10611-300	SW8260B	Methylene chloride	µg/kg	4.5	U	TB<RL
ST106-SS-10611-360	SW8015-E	TPH C10-C28	mg/kg	9	J	HT>UCL
ST106-SS-10611-360	SW8260B	1,1,1,2-Tetrachloroethane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,1,1-Trichloroethane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,1,2-Trichloroethane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,1-Dichloroethane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,1-Dichloroethene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,1-Dichloropropene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,2,3-Trichlorobenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,2,3-Trichloropropane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,2,4-Trichlorobenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,2,4-Trimethylbenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	10.3	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,2-Dibromoethane(EDB)	µg/kg	2.1	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,2-Dichlorobenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,2-Dichloroethane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,2-Dichloropropane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,3,5-Trimethylbenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,3-Dichlorobenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,3-Dichloropropane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	1,4-Dichlorobenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	2,2-Dichloropropane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	2-Butanone	µg/kg	20.7	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	2-Chlorotoluene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	2-Hexanone	µg/kg	20.7	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	4-Chlorotoluene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	4-Isopropyltoluene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	4-Methyl-2-pentanone	µg/kg	20.7	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Acetone	µg/kg	20.7	U	TB<RL, Sur<LCL (J)
ST106-SS-10611-360	SW8260B	Benzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Bromobenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Bromochloromethane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Bromodichloromethane	µg/kg	5.2	UJ	Sur<LCL

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10611-360	SW8260B	Bromoform	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Bromomethane	µg/kg	10.3	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Carbon disulfide	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Carbon tetrachloride	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Chlorobenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Chloroethane	µg/kg	10.3	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Chloroform	µg/kg	0.93	J	Sur<LCL
ST106-SS-10611-360	SW8260B	Chloromethane	µg/kg	10.3	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	cis-1,2-Dichloroethene	µg/kg	2.6	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	cis-1,3-Dichloropropene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Dibromochloromethane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Dibromomethane	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Dichlorodifluoromethane	µg/kg	10.3	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Ethylbenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Hexachlorobutadiene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Isopropylbenzene (Cumene)	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Methylene chloride	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	MTBE	µg/kg	20.7	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Naphthalene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	n-Butylbenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	n-Propylbenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	o-Xylene	µg/kg	2.6	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	p,m-Xylene	µg/kg	4.1	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	sec-Butylbenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Styrene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	tert-Butylbenzene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Tetrachloroethene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Toluene	µg/kg	2.8	J	Sur<LCL
ST106-SS-10611-360	SW8260B	trans-1,2-Dichloroethene	µg/kg	2.6	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	trans-1,3-Dichloropropene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Trichloroethene	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Trichlorofluoromethane	µg/kg	10.3	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Vinyl chloride	µg/kg	5.2	UJ	Sur<LCL
ST106-SS-10611-360	SW8260B	Xylene (total)	µg/kg	6.2	UJ	Sur<LCL
ST106-SS-10611-420	SW8260B	Acetone	µg/kg	17.1	U	TB<RL
ST106-SS-10611-480	SW8260B	Acetone	µg/kg	17.3	U	TB<RL
ST106-SS-10612-060	SW8015-E	TPH C10-C28	mg/kg	3.2	J	LCS<LCL
ST106-SS-10612-060	SW8015-P	TPH C6-C10	mg/kg	1.6	U	LB>MDL
ST106-SS-10612-060	SW8260B	Acetone	µg/kg	17.4	U	TB<RL
ST106-SS-10612-060DUP	SW8015-E	TPH C10-C28	mg/kg	3.4	J	LCS<LCL
ST106-SS-10612-060DUP	SW8015-P	TPH C6-C10	mg/kg	1.8	U	LB>MDL
ST106-SS-10612-060DUP	SW8260B	Acetone	µg/kg	19.6	U	TB<RL
ST106-SS-10612-120	SW8015-E	TPH C10-C28	mg/kg	4.5	U	EB>MDL
ST106-SS-10612-120	SW8260B	Acetone	µg/kg	19	U	TB<RL, MSRPD (J)

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10612-120	SW8260B	Bromomethane	µg/kg	9.5	UJ	MS<LCL
ST106-SS-10612-120	SW8260B	Chloroethane	µg/kg	9.5	UJ	MS<LCL
ST106-SS-10612-240	SW8015-P	TPH C6-C10	mg/kg	2.3	U	LB>MDL
ST106-SS-10612-300	SW8260B	Acetone	µg/kg	22	U	TB<RL
ST106-SS-10612-360	SW8015-E	TPH C10-C28	mg/kg	12.5	U	EB>MDL
ST106-SS-10612-420	SW8015-E	TPH C10-C28	mg/kg	7	U	EB>MDL
ST106-SS-10612-480	SW8015-E	TPH C10-C28	mg/kg	5.4	U	EB>MDL
ST106-SS-10613-060	SW8015-E	TPH C10-C28	mg/kg	8.1	U	LB>MDL
ST106-SS-10613-060	SW8260B	Acetone	µg/kg	17.1	U	TB<RL
ST106-SS-10613-120	SW8015-E	TPH C10-C28	mg/kg	7.9	U	LB>MDL
ST106-SS-10613-180	SW8015-E	TPH C10-C28	mg/kg	5.5	U	LB>MDL
ST106-SS-10613-180	SW8260B	Acetone	µg/kg	29.6	U	TB<RL
ST106-SS-10613-180DUP	SW8015-E	TPH C10-C28	mg/kg	8.7	U	LB>MDL
ST106-SS-10613-180DUP	SW8015-P	TPH C6-C10	mg/kg	2	U	LB>MDL
ST106-SS-10613-180DUP	SW8260B	Acetone	µg/kg	20	U	TB<RL
ST106-SS-10613-300	SW8015-E	TPH C10-C28	mg/kg	10.3	U	LB>MDL
ST106-SS-10613-300	SW8260B	Acetone	µg/kg	23.3	U	TB<RL
ST106-SS-10613-360	SW8260B	Acetone	µg/kg	18.6	U	TB<RL
ST106-SS-10613-360	SW8260B	Bromoform	µg/kg	4.7	U	EB>RL
ST106-SS-10613-420	SW8015-E	TPH C10-C28	mg/kg	5.3	U	LB>MDL
ST106-SS-10613-420	SW8260B	Acetone	µg/kg	19.1	U	TB<RL
ST106-SS-10613-420	SW8260B	Bromoform	µg/kg	4.8	U	EB>RL
ST106-SS-10613-480	SW8015-E	TPH C10-C28	mg/kg	8.3	U	LB>MDL
ST106-SS-10613-480	SW8260B	Bromoform	µg/kg	5.3	U	EB>RL
ST106-SS-10614-060	SW8015-E	TPH C10-C28	mg/kg	7.3	U	EB>MDL, LB>MDL
ST106-SS-10614-060	SW8015-P	TPH C6-C10	mg/kg	2	U	LB>MDL
ST106-SS-10614-060	SW8260B	Acetone	µg/kg	19.6	U	TB<RL
ST106-SS-10614-120	SW8015-E	TPH C10-C28	mg/kg	7.6	U	EB>MDL, LB>MDL
ST106-SS-10614-120	SW8260B	Acetone	µg/kg	21.2	U	TB<RL
ST106-SS-10614-180	SW8015-E	TPH C10-C28	mg/kg	5.2	U	EB>MDL, LB>MDL
ST106-SS-10614-180	SW8260B	Acetone	µg/kg	31.5	U	TB<RL
ST106-SS-10614-300	SW8015-E	TPH C10-C28	mg/kg	16.1	U	LB>MDL
ST106-SS-10614-300	SW8015-P	TPH C6-C10	mg/kg	1.8	U	LB>MDL
ST106-SS-10614-300	SW8260B	1,1,1,2-Tetrachloroethane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,1,1-Trichloroethane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,1,2-Trichloroethane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,1-Dichloroethane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,1-Dichloroethene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,1-Dichloropropene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,2,3-Trichlorobenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,2,3-Trichloropropane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,2,4-Trichlorobenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,2,4-Trimethylbenzene	µg/kg	5.6	UJ	Sur<LCL

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10614-300	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	11.3	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,2-Dibromoethane(EDB)	µg/kg	2.2	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,2-Dichlorobenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,2-Dichloroethane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,2-Dichloropropane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,3,5-Trimethylbenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,3-Dichlorobenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,3-Dichloropropane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	1,4-Dichlorobenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	2,2-Dichloropropane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	2-Butanone	µg/kg	22.5	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	2-Chlorotoluene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	2-Hexanone	µg/kg	22.5	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	4-Chlorotoluene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	4-Isopropyltoluene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	4-Methyl-2-pentanone	µg/kg	22.5	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Acetone	µg/kg	45.2	J	Sur<LCL
ST106-SS-10614-300	SW8260B	Benzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Bromobenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Bromochloromethane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Bromodichloromethane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Bromoform	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Bromomethane	µg/kg	11.3	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Carbon disulfide	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Carbon tetrachloride	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Chlorobenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Chloroethane	µg/kg	11.3	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Chloroform	µg/kg	1.2	J	Sur<LCL
ST106-SS-10614-300	SW8260B	Chloromethane	µg/kg	11.3	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	cis-1,2-Dichloroethene	µg/kg	2.8	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	cis-1,3-Dichloropropene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Dibromochloromethane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Dibromomethane	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Dichlorodifluoromethane	µg/kg	11.3	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Ethylbenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Hexachlorobutadiene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Isopropylbenzene (Cumene)	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Methylene chloride	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	MTBE	µg/kg	22.5	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Naphthalene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	n-Butylbenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	n-Propylbenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	o-Xylene	µg/kg	2.8	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	p,m-Xylene	µg/kg	4.5	UJ	Sur<LCL

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10614-300	SW8260B	sec-Butylbenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Styrene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	tert-Butylbenzene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Tetrachloroethene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Toluene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	trans-1,2-Dichloroethene	µg/kg	2.8	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	trans-1,3-Dichloropropene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Trichloroethene	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Trichlorofluoromethane	µg/kg	11.3	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Vinyl chloride	µg/kg	5.6	UJ	Sur<LCL
ST106-SS-10614-300	SW8260B	Xylene (total)	µg/kg	6.8	UJ	Sur<LCL
ST106-SS-10614-360	SW8015-E	TPH C10-C28	mg/kg	15.6	U	LB>MDL
ST106-SS-10614-360	SW8260B	Acetone	µg/kg	21.6	U	TB<RL
ST106-SS-10614-420	SW8015-E	TPH C10-C28	mg/kg	12.1	U	LB>MDL
ST106-SS-10614-480	SW8260B	Acetone	µg/kg	32.1	U	TB<RL
ST106-SS-10615-060	SW8260B	Acetone	µg/kg	17.7	U	TB<RL
ST106-SS-10615-120	SW8015-E	TPH C10-C28	mg/kg	7.7	U	LB<RL
ST106-SS-10615-120	SW8260B	Methylene chloride	µg/kg	23.9	U	TB<RL
ST106-SS-10615-180	SW8015-E	TPH C10-C28	mg/kg	5.5	U	LB<RL
ST106-SS-10615-180	SW8260B	Acetone	µg/kg	19.5	U	TB<RL
ST106-SS-10615-240	SW8260B	4-Methyl-2-pentanone	µg/kg	25.6	UJ	ICV<RF
ST106-SS-10615-240	SW8260B	Acetone	µg/kg	6.6	J	CV%D
ST106-SS-10615-240	SW8260B	Bromomethane	µg/kg	12.8	UJ	CV%D
ST106-SS-10615-240	SW8260B	Chloroethane	µg/kg	12.8	UJ	CV%D
ST106-SS-10615-240	SW8260B	Chloroform	µg/kg	0.93	J	LCS>UCL
ST106-SS-10615-240	SW8260B	Chloromethane	µg/kg	12.8	UJ	CV%D
ST106-SS-10615-300	SW8015-E	TPH C10-C28	mg/kg	7.4	U	LB>MDL
ST106-SS-10615-300	SW8260B	4-Methyl-2-pentanone	µg/kg	24	UJ	ICV<RF
ST106-SS-10615-300	SW8260B	Acetone	µg/kg	122	J	CV%D
ST106-SS-10615-300	SW8260B	Bromomethane	µg/kg	12	UJ	CV%D
ST106-SS-10615-300	SW8260B	Chloroethane	µg/kg	12	UJ	CV%D
ST106-SS-10615-300	SW8260B	Chloromethane	µg/kg	12	UJ	CV%D
ST106-SS-10615-360	SW8015-E	TPH C10-C28	mg/kg	12.6	U	LB>MDL
ST106-SS-10615-360	SW8260B	4-Methyl-2-pentanone	µg/kg	20.5	UJ	ICV<RF
ST106-SS-10615-360	SW8260B	Acetone	µg/kg	198	J	>ICLinearRange
ST106-SS-10615-360	SW8260B	Bromomethane	µg/kg	10.3	UJ	CV%D
ST106-SS-10615-360	SW8260B	Chloroethane	µg/kg	10.3	UJ	CV%D
ST106-SS-10615-360	SW8260B	Chloroform	µg/kg	0.59	J	LCS>UCL
ST106-SS-10615-360	SW8260B	Chloromethane	µg/kg	10.3	UJ	CV%D
ST106-SS-10615-360DUP	SW8015-E	TPH C10-C28	mg/kg	5.3	U	LB>MDL
ST106-SS-10615-360DUP	SW8260B	4-Methyl-2-pentanone	µg/kg	20.8	UJ	ICV<RF
ST106-SS-10615-360DUP	SW8260B	Acetone	µg/kg	15.2	J	CV%D
ST106-SS-10615-360DUP	SW8260B	Bromomethane	µg/kg	10.4	UJ	CV%D
ST106-SS-10615-360DUP	SW8260B	Chloroethane	µg/kg	10.4	UJ	CV%D

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10615-360DUP	SW8260B	Chloroform	µg/kg	1.1	J	LCS>UCL
ST106-SS-10615-360DUP	SW8260B	Chloromethane	µg/kg	10.4	UJ	CV%D
ST106-SS-10615-420	SW8015-E	TPH C10-C28	mg/kg	6	U	LB>MDL
ST106-SS-10615-480	SW8260B	Chloroethane	µg/kg	11.2	UJ	SD<LCL
ST106-SS-10615-480	SW8260B	Methylene chloride	µg/kg	5.6	U	TB<RL, LCS>UCL, MS>UCL, SD>UCL (J)
ST106-SS-10616-060	SW8015-E	TPH C10-C28	mg/kg	8.5	U	LB>MDL
ST106-SS-10616-060	SW8260B	Acetone	µg/kg	381	J	>ICLinearRange, ICVS%D
ST106-SS-10616-060	SW8260B	Chloromethane	µg/kg	20.2	UJ	ICVS%D
ST106-SS-10616-120	SW8015-E	TPH C10-C28	mg/kg	6.2	U	LB>MDL
ST106-SS-10616-180	SW8015-E	TPH C10-C28	mg/kg	5.2	U	LB>MDL
ST106-SS-10616-240	SW8015-E	TPH C10-C28	mg/kg	8.6	U	LB>MDL
ST106-SS-10616-360	SW8015-E	TPH C10-C28	mg/kg	5.3	U	LB>MDL
ST106-SS-10616-360DUP	SW8015-E	TPH C10-C28	mg/kg	5.3	U	LB>MDL
ST106-SS-10616-420	SW8015-E	TPH C10-C28	mg/kg	9.1	U	LB>MDL
ST106-SS-10616-420	SW8260B	Methylene chloride	µg/kg	10.3	U	TB<RL, LCS>UCL (J)
ST106-SS-10616-480	SW8015-E	TPH C10-C28	mg/kg	5.2	U	LB>MDL
ST106-SS-10616-480	SW8260B	Methylene chloride	µg/kg	9.3	J	LCS>UCL, LCSRPD
ST106-SS-10617-060	SW8260B	Methylene chloride	µg/kg	3.4	U	LB>RL
ST106-SS-10617-120	SW8260B	Methylene chloride	µg/kg	3.4	U	LB>RL
ST106-SS-10617-120DUP	SW8260B	Methylene chloride	µg/kg	3.1	U	LB>RL
ST106-SS-10617-200	SW8260B	Methylene chloride	µg/kg	3.5	U	LB<RL
ST106-SS-10617-240	SW8260B	Methylene chloride	µg/kg	3.8	U	LB<RL
ST106-SS-10617-300	SW8260B	Methylene chloride	µg/kg	3.7	U	LB<RL
ST106-SS-10617-360	SW8260B	Methylene chloride	µg/kg	3.9	U	LB<RL
ST106-SS-10617-420	SW8260B	2-Hexanone	µg/kg	14.2	UJ	MS<LCL
ST106-SS-10617-420	SW8260B	Acetone	µg/kg	39.2	J	MSRPD, MS<LCL
ST106-SS-10617-420	SW8260B	Bromomethane	µg/kg	7.1	UJ	SD<LCL
ST106-SS-10617-420	SW8260B	Chloroethane	µg/kg	7.1	UJ	SD<LCL
ST106-SS-10617-420	SW8260B	Chloroform	µg/kg	1.7	J	MS>UCL
ST106-SS-10617-420	SW8260B	Methylene chloride	µg/kg	3.5	U	LB<RL, TB<RL
ST106-SS-10617-480	SW8260B	Methylene chloride	µg/kg	3.9	U	LB<RL, TB<RL
ST106-SS-10618-060	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	9.2	UJ	IC%RSD
ST106-SS-10618-060	SW8260B	2-Hexanone	µg/kg	18.4	UJ	IC%RSD
ST106-SS-10618-060	SW8260B	Acetone	µg/kg	5.4	J	IC%RSD
ST106-SS-10618-060	SW8260B	Bromobenzene	µg/kg	4.6	UJ	IC%RSD
ST106-SS-10618-060	SW8260B	Bromomethane	µg/kg	9.2	UJ	IC%RSD
ST106-SS-10618-060	SW8260B	Methylene chloride	µg/kg	4.6	U	LB<RL
ST106-SS-10618-120	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	9.9	UJ	IC%RSD
ST106-SS-10618-120	SW8260B	2-Hexanone	µg/kg	19.8	UJ	IC%RSD
ST106-SS-10618-120	SW8260B	Acetone	µg/kg	19.8	UJ	IC%RSD
ST106-SS-10618-120	SW8260B	Bromobenzene	µg/kg	4.9	UJ	IC%RSD
ST106-SS-10618-120	SW8260B	Bromomethane	µg/kg	9.9	UJ	IC%RSD

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10618-120	SW8260B	Methylene chloride	µg/kg	7.8	U	LB<RL
ST106-SS-10618-180	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	6	UJ	IC%RSD
ST106-SS-10618-180	SW8260B	2-Hexanone	µg/kg	12	UJ	IC%RSD
ST106-SS-10618-180	SW8260B	Acetone	µg/kg	12	UJ	IC%RSD
ST106-SS-10618-180	SW8260B	Bromobenzene	µg/kg	3	UJ	IC%RSD
ST106-SS-10618-180	SW8260B	Bromomethane	µg/kg	6	UJ	IC%RSD
ST106-SS-10618-180	SW8260B	Methylene chloride	µg/kg	3	U	LB<RL
ST106-SS-10618-240	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	7.1	UJ	IC%RSD
ST106-SS-10618-240	SW8260B	2-Hexanone	µg/kg	14.2	UJ	IC%RSD
ST106-SS-10618-240	SW8260B	Acetone	µg/kg	14.2	UJ	IC%RSD
ST106-SS-10618-240	SW8260B	Bromobenzene	µg/kg	3.6	UJ	IC%RSD
ST106-SS-10618-240	SW8260B	Bromomethane	µg/kg	7.1	UJ	IC%RSD
ST106-SS-10618-240	SW8260B	Methylene chloride	µg/kg	3.6	U	LB<RL
ST106-SS-10618-300	SW8260B	1,1,1,2-Tetrachloroethane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,1,1-Trichloroethane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,1,2-Trichloroethane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,1-Dichloroethane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,1-Dichloroethene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,1-Dichloropropene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,2,3-Trichlorobenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,2,3-Trichloropropane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,2,4-Trichlorobenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,2,4-Trimethylbenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	53.1	UJ	IC%RSD, Sur<LCL
ST106-SS-10618-300	SW8260B	1,2-Dibromoethane(EDB)	µg/kg	10.6	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,2-Dichlorobenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,2-Dichloroethane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,2-Dichloropropane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,3,5-Trimethylbenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,3-Dichlorobenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,3-Dichloropropane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	1,4-Dichlorobenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	2,2-Dichloropropane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	2-Butanone	µg/kg	31.9	J	Sur<LCL
ST106-SS-10618-300	SW8260B	2-Chlorotoluene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	2-Hexanone	µg/kg	106	UJ	IC%RSD, Sur<LCL
ST106-SS-10618-300	SW8260B	4-Chlorotoluene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	4-Isopropyltoluene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	4-Methyl-2-pentanone	µg/kg	106	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Acetone	µg/kg	835	J	IC%RSD, Sur<LCL
ST106-SS-10618-300	SW8260B	Benzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Bromobenzene	µg/kg	26.5	UJ	IC%RSD, Sur<LCL
ST106-SS-10618-300	SW8260B	Bromochloromethane	µg/kg	26.5	UJ	Sur<LCL

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10618-300	SW8260B	Bromodichloromethane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Bromoform	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Bromomethane	µg/kg	53.1	UJ	IC%RSD, Sur<LCL
ST106-SS-10618-300	SW8260B	Carbon disulfide	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Carbon tetrachloride	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Chlorobenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Chloroethane	µg/kg	53.1	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Chloroform	µg/kg	8.3	J	Sur<LCL
ST106-SS-10618-300	SW8260B	Chloromethane	µg/kg	53.1	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	cis-1,2-Dichloroethene	µg/kg	13.3	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	cis-1,3-Dichloropropene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Dibromochloromethane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Dibromomethane	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Dichlorodifluoromethane	µg/kg	53.1	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Ethylbenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Hexachlorobutadiene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Isopropylbenzene (Cumene)	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Methylene chloride	µg/kg	30.7	U	LB<RL, Sur<LCL (J)
ST106-SS-10618-300	SW8260B	MTBE	µg/kg	106	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Naphthalene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	n-Butylbenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	n-Propylbenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	o-Xylene	µg/kg	13.3	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	p,m-Xylene	µg/kg	21.2	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	sec-Butylbenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Styrene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	tert-Butylbenzene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Tetrachloroethene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Toluene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	trans-1,2-Dichloroethene	µg/kg	13.3	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	trans-1,3-Dichloropropene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Trichloroethene	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Trichlorofluoromethane	µg/kg	53.1	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Vinyl chloride	µg/kg	26.5	UJ	Sur<LCL
ST106-SS-10618-300	SW8260B	Xylene (total)	µg/kg	31.8	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,1,1,2-Tetrachloroethane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,1,1-Trichloroethane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,1,2-Trichloroethane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,1-Dichloroethane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,1-Dichloroethene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,1-Dichloropropene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,2,3-Trichlorobenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,2,3-Trichloropropane	µg/kg	27.9	UJ	Sur<LCL

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10618-300DUP	SW8260B	1,2,4-Trichlorobenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,2,4-Trimethylbenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	55.7	UJ	IC%RSD, Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,2-Dibromoethane(EDB)	µg/kg	11.1	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,2-Dichlorobenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,2-Dichloroethane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,2-Dichloropropane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,3,5-Trimethylbenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,3-Dichlorobenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,3-Dichloropropane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	1,4-Dichlorobenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	2,2-Dichloropropane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	2-Butanone	µg/kg	25.8	J	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	2-Chlorotoluene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	2-Hexanone	µg/kg	111	UJ	IC%RSD, Sur<LCL
ST106-SS-10618-300DUP	SW8260B	4-Chlorotoluene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	4-Isopropyltoluene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	4-Methyl-2-pentanone	µg/kg	111	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Acetone	µg/kg	558	J	IC%RSD, Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Benzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Bromobenzene	µg/kg	27.9	UJ	IC%RSD, Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Bromochloromethane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Bromodichloromethane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Bromoform	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Bromomethane	µg/kg	55.7	UJ	IC%RSD, Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Carbon disulfide	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Carbon tetrachloride	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Chlorobenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Chloroethane	µg/kg	55.7	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Chloroform	µg/kg	14.8	J	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Chloromethane	µg/kg	55.7	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	cis-1,2-Dichloroethene	µg/kg	13.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	cis-1,3-Dichloropropene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Dibromochloromethane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Dibromomethane	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Dichlorodifluoromethane	µg/kg	55.7	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Ethylbenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Hexachlorobutadiene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Isopropylbenzene (Cumene)	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Methylene chloride	µg/kg	28.9	U	LB<RL, Sur<LCL (J)
ST106-SS-10618-300DUP	SW8260B	MTBE	µg/kg	111	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Naphthalene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	n-Butylbenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	n-Propylbenzene	µg/kg	27.9	UJ	Sur<LCL

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10618-300DUP	SW8260B	o-Xylene	µg/kg	13.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	p,m-Xylene	µg/kg	22.3	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	sec-Butylbenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Styrene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	tert-Butylbenzene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Tetrachloroethene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Toluene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	trans-1,2-Dichloroethene	µg/kg	13.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	trans-1,3-Dichloropropene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Trichloroethene	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Trichlorofluoromethane	µg/kg	55.7	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Vinyl chloride	µg/kg	27.9	UJ	Sur<LCL
ST106-SS-10618-300DUP	SW8260B	Xylene (total)	µg/kg	33.4	UJ	Sur<LCL
ST106-SS-10618-360	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	11.4	UJ	IC%RSD
ST106-SS-10618-360	SW8260B	2-Hexanone	µg/kg	22.8	UJ	IC%RSD
ST106-SS-10618-360	SW8260B	Acetone	µg/kg	8	J	IC%RSD
ST106-SS-10618-360	SW8260B	Bromobenzene	µg/kg	5.7	UJ	IC%RSD
ST106-SS-10618-360	SW8260B	Bromomethane	µg/kg	11.4	UJ	IC%RSD
ST106-SS-10618-360	SW8260B	Methylene chloride	µg/kg	6	U	LB<RL
ST106-SS-10618-420	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	11.1	UJ	IC%RSD
ST106-SS-10618-420	SW8260B	2-Hexanone	µg/kg	22.1	UJ	IC%RSD
ST106-SS-10618-420	SW8260B	Acetone	µg/kg	6.3	J	IC%RSD
ST106-SS-10618-420	SW8260B	Bromobenzene	µg/kg	5.5	UJ	IC%RSD
ST106-SS-10618-420	SW8260B	Bromomethane	µg/kg	11.1	UJ	IC%RSD
ST106-SS-10618-420	SW8260B	Methylene chloride	µg/kg	5.5	U	LB<RL
ST106-SS-10618-480	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	8	UJ	IC%RSD
ST106-SS-10618-480	SW8260B	2-Hexanone	µg/kg	1.7	J	IC%RSD
ST106-SS-10618-480	SW8260B	Acetone	µg/kg	9.7	J	IC%RSD
ST106-SS-10618-480	SW8260B	Bromobenzene	µg/kg	4	UJ	IC%RSD
ST106-SS-10618-480	SW8260B	Bromomethane	µg/kg	8	UJ	IC%RSD
ST106-SS-10618-480	SW8260B	Methylene chloride	µg/kg	4	U	LB<RL
ST106-SS-10619-060	SW8015-E	TPH C10-C28	mg/kg	6.6	J	IC%RSD
ST106-SS-10619-060	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	4.7	UJ	IC%RSD
ST106-SS-10619-060	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	9.3	UJ	IC%RSD
ST106-SS-10619-060	SW8260B	2-Hexanone	µg/kg	18.7	UJ	IC%RSD
ST106-SS-10619-060	SW8260B	Acetone	µg/kg	87.4	J	IC%RSD
ST106-SS-10619-060	SW8260B	Bromomethane	µg/kg	9.3	UJ	IC%RSD
ST106-SS-10619-120	SW8015-E	TPH C10-C28	mg/kg	7.4	UJ	IC%RSD
ST106-SS-10619-120	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	5.8	UJ	IC%RSD
ST106-SS-10619-120	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	11.5	UJ	IC%RSD
ST106-SS-10619-120	SW8260B	2-Hexanone	µg/kg	23.1	UJ	IC%RSD
ST106-SS-10619-120	SW8260B	Acetone	µg/kg	23.1	UJ	IC%RSD
ST106-SS-10619-120	SW8260B	Bromomethane	µg/kg	11.5	UJ	IC%RSD
ST106-SS-10619-120	SW8260B	Methylene chloride	µg/kg	5.8	U	LB<RL

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10619-120DUP	SW8015-E	TPH C10-C28	mg/kg	4.4	J	IC%RSD
ST106-SS-10619-120DUP	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	5.9	UJ	IC%RSD
ST106-SS-10619-120DUP	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	11.8	UJ	IC%RSD
ST106-SS-10619-120DUP	SW8260B	2-Hexanone	µg/kg	23.6	UJ	IC%RSD
ST106-SS-10619-120DUP	SW8260B	Acetone	µg/kg	23.6	UJ	IC%RSD
ST106-SS-10619-120DUP	SW8260B	Bromomethane	µg/kg	11.8	UJ	IC%RSD
ST106-SS-10619-180	SW8015-P	TPH C6-C10	mg/kg	1.6	UJ	LCS<LCL
ST106-SS-10619-180	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	5.6	UJ	IC%RSD
ST106-SS-10619-180	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	11.1	UJ	IC%RSD
ST106-SS-10619-180	SW8260B	2-Hexanone	µg/kg	22.3	UJ	IC%RSD
ST106-SS-10619-180	SW8260B	Acetone	µg/kg	40.1	J	IC%RSD
ST106-SS-10619-180	SW8260B	Bromomethane	µg/kg	11.1	UJ	IC%RSD
ST106-SS-10619-180	SW8260B	Methylene chloride	µg/kg	5.6	U	LB<RL
ST106-SS-10619-240	SW8015-P	TPH C6-C10	mg/kg	2	UJ	LCS<LCL
ST106-SS-10619-240	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	6.4	UJ	IC%RSD
ST106-SS-10619-240	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	12.7	UJ	IC%RSD
ST106-SS-10619-240	SW8260B	2-Hexanone	µg/kg	25.5	UJ	IC%RSD
ST106-SS-10619-240	SW8260B	Bromomethane	µg/kg	12.7	UJ	IC%RSD
ST106-SS-10619-240	SW8260B	Methylene chloride	µg/kg	6.4	U	LB<RL
ST106-SS-10619-300	SW8015-E	TPH C10-C28	mg/kg	155	J	IC%RSD
ST106-SS-10619-300	SW8015-P	TPH C6-C10	mg/kg	2.8	UJ	LCS<LCL
ST106-SS-10619-300	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	5.9	UJ	IC%RSD
ST106-SS-10619-300	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	11.9	UJ	IC%RSD
ST106-SS-10619-300	SW8260B	2-Hexanone	µg/kg	23.7	UJ	IC%RSD
ST106-SS-10619-300	SW8260B	Acetone	µg/kg	99.8	J	IC%RSD
ST106-SS-10619-300	SW8260B	Bromomethane	µg/kg	11.9	UJ	IC%RSD
ST106-SS-10619-360	SW8015-E	TPH C10-C28	mg/kg	14.7	J	IC%RSD
ST106-SS-10619-360	SW8015-P	TPH C6-C10	mg/kg	2	UJ	LCS<LCL
ST106-SS-10619-360	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	4.9	UJ	IC%RSD
ST106-SS-10619-360	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	9.8	UJ	IC%RSD
ST106-SS-10619-360	SW8260B	2-Hexanone	µg/kg	19.6	UJ	IC%RSD
ST106-SS-10619-360	SW8260B	Bromomethane	µg/kg	9.8	UJ	IC%RSD
ST106-SS-10619-420	SW8015-E	TPH C10-C28	mg/kg	6	J	IC%RSD
ST106-SS-10619-420	SW8015-P	TPH C6-C10	mg/kg	1.4	UJ	LCS<LCL, MS<LCL, SD<LCL
ST106-SS-10619-480	SW8015-E	TPH C10-C28	mg/kg	6.9	UJ	IC%RSD
ST106-SS-10619-480	SW8015-P	TPH C6-C10	mg/kg	1.8	UJ	LCS<LCL
ST106-SS-10619-480	SW8260B	1,1,2,2-Tetrachloroethane	µg/kg	5.6	UJ	IC%RSD
ST106-SS-10619-480	SW8260B	1,2-Dibromo-3-chloropropane	µg/kg	11.1	UJ	IC%RSD
ST106-SS-10619-480	SW8260B	2-Hexanone	µg/kg	22.2	UJ	IC%RSD
ST106-SS-10619-480	SW8260B	Acetone	µg/kg	104	J	IC%RSD
ST106-SS-10619-480	SW8260B	Bromomethane	µg/kg	11.1	UJ	IC%RSD
ST106-SS-10619-480	SW8260B	Methylene chloride	µg/kg	5.6	U	LB<RL
ST106-SS-10620-060	SW8015-E	TPH C10-C28	mg/kg	10.1	J	IC%RSD

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation Samples

Native ID	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-SS-10620-060	SW8015-P	TPH C6-C10	mg/kg	2	U	LB<RL
ST106-SS-10620-120	SW8015-E	TPH C10-C28	mg/kg	4.7	U	LB<RL, IC%RSD (J)
ST106-SS-10620-120	SW8015-P	TPH C6-C10	mg/kg	2.5	U	LB<RL
ST106-SS-10620-120	SW8260B	1,2,4-Trichlorobenzene	µg/kg	5	UJ	MS<LCL
ST106-SS-10620-120	SW8260B	Acetone	µg/kg	19.8	UJ	MS<LCL
ST106-SS-10620-120	SW8260B	Hexachlorobutadiene	µg/kg	5	UJ	MS<LCL
ST106-SS-10620-120	SW8260B	Naphthalene	µg/kg	5	UJ	MS<LCL
ST106-SS-10620-120	SW8260B	Trichloroethene	µg/kg	5	UJ	MS<LCL
ST106-SS-10620-180	SW8015-E	TPH C10-C28	mg/kg	10	J	IC%RSD
ST106-SS-10620-180	SW8015-P	TPH C6-C10	mg/kg	2	U	LB<RL
ST106-SS-10620-240	SW8015-E	TPH C10-C28	mg/kg	22.4	J	IC%RSD
ST106-SS-10620-300	SW8015-E	TPH C10-C28	mg/kg	18	J	IC%RSD
ST106-SS-10620-360	SW8015-E	TPH C10-C28	mg/kg	11.4	J	IC%RSD
ST106-SS-10620-420	SW8015-E	TPH C10-C28	mg/kg	7.7	J	IC%RSD
ST106-SS-10620-420	SW8015-P	TPH C6-C10	mg/kg	1.9	U	LB<RL, TB>RL
ST106-SS-10620-420DUP	SW8015-E	TPH C10-C28	mg/kg	5.6	J	IC%RSD

Validation Reasons:

>ICLinearRange	The analyte concentration was greater than the calibration range.
CV%D	The continuing calibration verification percent difference criteria was exceeded.
EB>MDL	The equipment blank concentration was less than the reporting limit.
EB>RL	The equipment blank concentration was greater than the reporting limit.
HTp>UCL	The extraction holding time was exceeded.
IC%RSD	The initial calibration percent relative standard deviation criteria was exceeded.
ICV<RF	The initial calibration verification standard relative response factor was less than the lower control limit.
ICVS%D	The initial calibration verification standard percent difference criteria was exceeded.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte.
LB<RL	The method blank concentration was less than the reporting limit.
LB>MDL	The method blank concentration was less than the reporting limit.
LB>RL	The method blank concentration was greater than the reporting limit.
LCS<LCL	The laboratory control sample was recovered less than the lower control limit.
LCS>UCL	The laboratory control sample was recovered greater than the upper control limit.
LCSRPD	The laboratory control sample relative percent difference criteria was exceeded.
µg/kg	microgram per kilogram
mg/kg	milligram per kilogram
MS<LCL	The matrix spike was recovered less than the lower control limit.
MS>UCL	The matrix spike was recovered greater than the upper control limit.
MSRPD	The matrix spike relative percent difference criteria was exceeded.
SD<LCL	The matrix spike duplicate was recovered less than the lower control limit.
SD>UCL	The matrix spike duplicate was recovered greater than the upper control limit.
Sur<LCL	The surrogate was recovered less than the lower control limit.
TB<RL	The trip blank concentration was less than the reporting limit.
TB>RL	The trip blank concentration was greater than the reporting limit.
U	The analyte was not detected above the sample quantitation limit.
UJ	Analyte was not detected above the reported sample quantitation limit; the associated quantitation limit is approximate and may not accurately represent the analytical concentration.

Drilling Investigation Groundwater Samples Collected between October 8 and December 23, 2008.

CONTENTS

Section **Page**

1.0 INTRODUCTION 1
1.1 Analytical Data 1
2.0 DATA VERIFICATION RESULTS 2
2.1 Completeness Evaluation 2
2.1.1 Sampling Completeness 2
2.1.2 Analytical Completeness 2
2.2 Representativeness Evaluation 2
2.2.1 Holding Time and Preservation 2
2.2.2 Method Blank Samples 2
2.2.3 Field Blank Samples 3
2.3 Accuracy Evaluation 3
2.3.1 Calibration 3
2.3.2 Laboratory Control Samples 3
2.3.3 Internal Standards 4
2.3.4 Serial Dilutions 4
2.3.5 Surrogate Samples 4
2.4 Precision Evaluation 4
2.4.1 Laboratory Control Sample Duplicates 4
2.4.2 Matrix Spike Duplicates 5
2.4.3 Confirmation 5
2.5 Comparability Evaluation 5
3.0 OVERALL ASSESSMENTS 6
REFERENCES 7
ATTACHMENT 1 Data Validation Tables 1

ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
CCB	continuing calibration blank
%D	percent difference
DQE	data quality evaluation
DRO	Diesel Range Organics
EPA	Environmental Protection Agency
GRO	Gasoline Range Organics
ICAL	initial calibration
ICB	initial calibration blank
KAFB	Kirtland Air Force Base
LCS/LCSD	laboratory control spike/laboratory control spike duplicate
MS/MSD	matrix spike/matrix spike duplicate
NFG	National Functional Guidelines
PARCC	precision, accuracy, representativeness, comparability, and completeness
PEL	Progress Environmental Lab
QAPP	quality assurance project plan
QC	quality control
RL	reporting limit
RPD	relative percent difference
SVOC	semivolatile organic compound
TB	trip blank
TPH	total petroleum hydrocarbons
VOC	volatile organic compound

1.0 INTRODUCTION

This data quality evaluation (DQE) report presents the analytical results for four groundwater samples collected from the Bulk Fuels Facility Drilling Investigation at Kirtland Air Force Base (AFB), New Mexico. Four groundwater samples were collected between October 8 and December 23, 2008. Guidance for this DQE report came from the *Kirtland AFB (KAFB) Bulk Fuels Facility Quality Assurance Project Plan* (ST-106 QAPP) (USAF, 2007), the *U.S. Environmental Protection Agency (EPA) Contract Laboratory National Functional Guidelines (NFG) for Organic Review* (EPA, 2007), the *U.S. EPA Contract Laboratory NFG for Inorganic Review* (EPA, 2004), and individual method requirements. The analytical results were evaluated using the criteria of precision, accuracy, representativeness, comparability, and completeness (PARCC) as defined in the ST-106 QAPP.

1.1 Analytical Data

This DQE report covers four water samples and three trip blanks (TB). The samples were divided into three sample delivery groups identified as: 2510568, 2510575, and 2511390. The samples were collected and delivered to Progress Environmental Lab (PEL) in Tampa, Florida. The samples were analyzed by one or more of the methods listed in Table 1. Due to the size of some tables, all tables are located at the end of this document.

The analytical results were assessed by reviewing the following: (1) the chain-of-custody documentation; (2) holding-time compliance; (3) calibration criteria; (4) method blank and field blank samples; (5) laboratory control spike /laboratory control spike duplicate samples (LCS/LCSD) ; (6) surrogate spike recoveries; (7) internal standard recoveries; and (8) the required quality control (QC) samples at the specified frequencies.

Data flags were assigned according to the ST-106 QAPP. Multiple flags are routinely applied to specific sample method, matrix, and analyte combinations, but there will only be one final flag. A final flag is applied to the data and is the most conservative of the applied validation flags. The final flag also includes matrix and blank sample impacts.

The data flags are those listed in the ST-106 QAPP, and are defined below:

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- R = The sample result was rejected due to serious deficiencies in the ability to analyze the sample and meet the QC criteria. The presence or absence of the analyte could not be verified.
- U = The analyte was analyzed for but was not detected above the reported sample quantitation limit.
- UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

A summary of the qualified data is presented in Table 2.

2.0 DATA VERIFICATION RESULTS

2.1 Completeness Evaluation

2.1.1 Sampling Completeness

Sampling completeness was assessed by reviewing the chain-of-custody documentation. Required procedures were followed and all acceptance criteria were met.

2.1.2 Analytical Completeness

Analytical completeness was evaluated using the following equation:

$$\text{Completeness} = \frac{\text{Number of valid data points}}{\text{Total number of measurements}} \times 100$$

Where:

The number of valid data points is the total number of valid analytical measurements based on the precision, accuracy, and holding-time evaluation.

All samples were analyzed according to the ST-106 QAPP. Based on the results of the data verification, all data are considered valid as qualified with the exception of benzoic acid which was rejected for project use in the SVOC samples. The analytical completeness goal of 95 percent was met for the project except for benzoic acid, by method SW8270C, which was zero percent complete. The analytical results are listed in Table 3.

2.2 Representativeness Evaluation

Representativeness is a qualitative expression of the degree to which sample data accurately and precisely represent a characteristic of a population, sampling point or an environmental condition. Representativeness is maximized by ensuring that the number and location of sampling points, sample collection and analysis methods are appropriate for the specific investigation and that the sampling and analysis program provides data that reflects “true” site conditions. The data were evaluated for representativeness by assessing the following: the use of standard methods and reporting units, sample preservation, holding-time compliance, and method and field blank results.

2.2.1 Holding Time and Preservation

Holding time is the length of time after sample collection to extraction and/or analysis. Sample analyses met holding-time requirements for this project with the following exception:

Sample ST106-GW-10612-09102008 exceeded the extraction holding time associated with the DRO analysis. The data were qualified as estimated non-detected results and flagged “UJ”.

The sample holding times for this project are listed in Table 4.

2.2.2 Method Blank Samples

A method blank contains all the target analytes of interest and is carried through the same analytical procedures as the environmental samples. Method blanks were analyzed at the required frequency and were free of contamination with the exceptions listed below:

Manganese and TPH C10-C28 were detected less than the RL in method blanks for the metals and DRO analyses. The manganese data were not qualified because the associated sample results were detected greater than five times the blank concentrations. The TPH C10-C28 data were not qualified because the associated sample did not contain reportable levels of this analyte.

Iron and manganese were detected less than the RL in the metals CCBs. The data were not qualified because the associated sample results were detected greater than five times the blank concentrations.

Iron was detected less than the RL in a metals ICB. The data was not qualified because the associated sample result was detected greater than five times the blank concentrations.

The results of the method blank analyses are presented in Table 5.

2.2.3 Field Blank Samples

TBs were collected, analyzed and were free of contamination.

The results of the TB analyses are presented in Table 5.

2.3 Accuracy Evaluation

Accuracy is a measure of the level of agreement between a measurement and a known true value. Accuracy is evaluated by percent recovery (%R), which is calculated using the following equation:

$$\%R = \frac{A-B}{C} \times 100$$

Where,

A = the measured concentration of the analyte in the spiked sample;
B = the measured concentration of the analyte in the unspiked sample; and
C = the concentration of the analyte used for spiking.

Accuracy was evaluated using initial and continuing calibration recoveries, LCS/LCSD recoveries, MS/MSD recoveries, internal standard recoveries, and surrogate spike recoveries.

2.3.1 Calibration

Initial and continuing calibration analyses were performed as required by the methods and met all acceptance criteria.

2.3.2 Laboratory Control Samples

LCS/LCSDs were analyzed to assess accuracy in the absence of matrix effects. The accuracy criteria were met with the following exceptions:

TPH C10-C28 was recovered greater than control limits in a DRO LCS. The associated detected results were qualified as estimated detected results and flagged “J”.

2,4-Dinitrophenol, 4-methylphenol, and benzoic acid were recovered less than control limits in several SVOC LCSs. The 2,4-Dinitrophenol and 4-methylphenol data were qualified as estimated non-detected

results and flagged “UJ”. The benzoic acid results were rejected for project use and “R” flagged in the associated samples. In addition, 4-methylphenol and bis(2-chloroethoxy)methane were recovered greater than control limits in SVOC LCSs. The associated data were not qualified because the samples did not contain reportable levels of these analytes.

Laboratory control sample results are presented in Table 6.

2.3.3 Internal Standards

Internal standards were added to samples where the methods required their use and all acceptance criteria were met.

2.3.4 Serial Dilutions

Serial dilutions were analyzed according to methods requiring their use and all QC criteria were met with the following exception:

The %Ds for iron and manganese were greater than method criteria in the serial dilutions for the metals analyses. The associated data were qualified as estimated detected results and flagged “J”.

2.3.5 Surrogate Samples

Surrogates were added to all samples for the methods requiring their use. QC criteria were met with the following exception:

Sample ST106-GW-10620-23122008 had a surrogate recovered greater than control limits in the DRO analyses. The associated data were qualified as estimated detected results and flagged “J”.

2.4 Precision Evaluation

Precision measures the reproducibility of measurements under a given set of conditions and is expressed as relative percent difference (RPD):

$$RPD = \left(\frac{|A-B|}{[A+B]/2} \right) \times 100$$

Where,

A = the concentration of “parent” sample, and
B = the concentration of the “duplicate/replicate” sample.

Precision was evaluated for this project using LCS/LCSD, MS/MSD, and confirmation RPD.

2.4.1 Laboratory Control Sample Duplicates

LCSD samples were analyzed and precision criteria were met with the exception of:

Benzoic acid exceeded RPD control criteria in a SVOC LCS/LCSD. The associated result was rejected for project use and flagged “R”.

2.4.2 Matrix Spike Duplicates

MSD samples were analyzed as required and all acceptance criteria were met.

2.4.3 Confirmation

Confirmation samples were analyzed according to methods requiring their use and met all QC criteria.

2.5 Comparability Evaluation

Comparability is expressed as the confidence level in which one data set may be compared to another data set. Standardized methodology was used in the collection, analyses, and reporting of the data. Therefore, the data from this sampling event should be comparable to data collected previously at the site.

3.0 OVERALL ASSESSMENTS

Review of laboratory and field QC indicators were used to assess the PARCC of the Bulk Fuels Facility Drilling Investigation samples collected by CH2M HILL at ST-106/SS-111. The assessment concluded that the PARCC of the data are generally acceptable. Evaluation of the data was modeled after the *USEPA NFG for Organic Data Review* (EPA, 2007), the *USEPA NFG for Inorganic Data Review (EPA, 2004)*, the ST-106 QAPP (USAF, 2007), and individual method requirements.

Precision of the data was verified through the review of the field and laboratory data quality indicators that include LCS/LCSD, MS/MSD, and confirmation RPDs. Precision was acceptable.

Accuracy of the data was verified through the review of calibration data, LCS samples, MS samples, internal standards, and surrogate spike data. Accuracy was generally acceptable with a few compounds being qualified as estimated due to LCS and surrogate issues. Data users should consider the impact to any result that is qualified as estimated as it may contain a bias which could affect the decision making process. In addition, benzoic acid was rejected for project use by method SW8270C due to LCS issues

Representativeness of the data was verified through the sample's collection, storage and preservation procedures, verification of holding-time compliance, and the evaluation of method and field blank data. One DRO sample was extracted past the EPA recommended holding time. No analytes were qualified due to contamination in the method and/or TBs.

Comparability of the data was ensured through the use of standard EPA analytical procedures and standard units for reporting. Results obtained are comparable to industry standards in that collection and analytical techniques followed approved, documented procedures.

Completeness is a measure of the number of valid measurements obtained in relation to the total number of measurements planned. Completeness is expressed as the percentage of valid or usable measurements, compared to planned measurements. Valid data are defined as all data that are not rejected for project use. All data were considered valid as qualified with the exception of benzoic acid which was rejected for project use in the SVOC samples. The completeness goal of 95 percent was met for all methods and analytes except benzoic acid, by method SW8270C, which was zero percent complete.

REFERENCES

EPA, 1996. *EPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846) 3rd ed. with updates.* U.S. Environmental Protection Agency.

EPA, 2007. *Contract Laboratory Program National Functional Guidelines for Organic Data Review.* U.S. Environmental Protection Agency. USEPA-540-R-07-003. July.

EPA, 2004. *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review.* U.S. Environmental Protection Agency. EPA540/R-04/004. October.

USAF, 2007. *Kirtland AFB (KAFB) Bulk Fuels Facility Quality Assurance Project Plan (ST-106 QAPP)* U. S. Air Force, Kirtland Air Force Base, New Mexico. January.

THIS PAGE INTENTIONALLY LEFT BLANK

ATTACHMENT
Data Validation Tables

Table 1. Summary of Analytical Parameters for Bulk Fuels Facility Drilling Investigation

Parameter	Method	Laboratory
Volatile Organic Compounds (VOC)	SW8260B (EPA, 1996)	PEL
Semi-volatile Organic Compounds (SVOC)	SW8270C (EPA, 1996)	PEL
Polyaromatic Hydrocarbons (PAH)	SW8310 (EPA, 1996)	PEL
Gasoline Range Organics (GRO)	SW8015-P (EPA, 1996)	PEL
Diesel Range Organics (DRO)	SW8015-E (EPA, 1996)	PEL
Metals (Iron and Manganese)	SW6010B (EPA, 1996)	PEL
1,2-Dibromo-3-chloropropane and 1,2-Dibromoethane	SW8011 (EPA, 1996)	PEL
Nitrate	EPA 300 (EPA, 1996)	PEL

Table 2. Summary of Data Qualification for Bulk Fuels Facility Drilling Investigation

Sample Identification	Method	Analyte	Units	Final Result	Validation Flag	Validation Reason
ST106-GW-10611-08102008	SW6010	Iron	mg/L	0.268	J	SerDil %D
ST106-GW-10611-08102008	SW6010	Manganese	mg/L	0.29	J	SerDil %D
ST106-GW-10611-08102008	SW8270C	2,4-Dinitrophenol	µg/L	63.2	UJ	LCS<LCL
ST106-GW-10611-08102008	SW8270C	Benzoic acid	µg/L	63.2	R	LCS<LCL
ST106-GW-10612-09102008	SW6010	Iron	mg/L	0.12	J	SerDil %D
ST106-GW-10612-09102008	SW8015-E	TPH C10-C28	µg/L	287	UJ	HTp>UCL
ST106-GW-10612-09102008	SW8270C	2,4-Dinitrophenol	µg/L	64.5	UJ	LCS<LCL
ST106-GW-10612-09102008	SW8270C	4-Methylphenol	µg/L	21.5	UJ	LCS<LCL
ST106-GW-10612-09102008	SW8270C	Benzoic acid	µg/L	64.5	R	LCS<LCL
ST106-GW-10613-09102008	SW8270C	2,4-Dinitrophenol	µg/L	63.8	UJ	LCS<LCL
ST106-GW-10613-09102008	SW8270C	4-Methylphenol	µg/L	21.3	UJ	LCS<LCL
ST106-GW-10613-09102008	SW8270C	Benzoic acid	µg/L	63.8	R	LCS<LCL
ST106-GW-10620-23122008	SW6010	Manganese	mg/L	0.16	J	SerDil %D
ST106-GW-10620-23122008	SW8015-E	TPH C10-C28	µg/L	120	J	Sur>UCL, LCS>UCL
ST106-GW-10620-23122008	SW8270C	Benzoic acid	µg/L	61.8	R	LCS<LCS

Validation Reasons:

HTp>UCL	The extraction holding time was exceeded.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte.
LCS<LCL	The laboratory control sample was recovered less than the lower control limit.
LCS>UCL	The laboratory control sample was recovered greater than the upper control limit.
LCSRPD	The laboratory control sample relative percent difference criteria was exceeded.
µg/L	microgram per liter
mg/L	milligram per liter
R	The analyte was rejected for project use. The presence or absence of the analyte could not be verified.
SerDil %D	The serial dilution percent difference was greater than the upper control criteria.
Sur>UCL	The surrogate was recovered greater than the upper control limit.
U	The analyte was not detected above the sample quantitation limit.
UJ	Analyte was not detected above the reported sample quantitation limit; the associated quantitation limit is approximate and may not accurately represent the analytical concentration.

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E300								
	ST106-GW-10611-08102008	WATER	N	Nitrate	10 U	0.015	10	MG/L
	ST106-GW-10612-09102008	WATER	N	Nitrate	10 U	0.015	10	MG/L
	ST106-GW-10613-09102008	WATER	N	Nitrate	0.0446 J	0.015	10	MG/L
	ST106-GW-10620-23122008	WATER	N	Nitrate	0.181 J	0.015	10	MG/L
SW6010								
	ST106-GW-10611-08102008	WATER	N	Iron	0.268 J	0.0055	0.1	MG/L
	ST106-GW-10611-08102008	WATER	N	Manganese	0.29 J	0.00035	0.01	MG/L
	ST106-GW-10612-09102008	WATER	N	Iron	0.12 J	0.0055	0.1	MG/L
	ST106-GW-10612-09102008	WATER	N	Manganese	0.102	0.00035	0.01	MG/L
	ST106-GW-10613-09102008	WATER	N	Iron	0.0964 J	0.0055	0.1	MG/L
	ST106-GW-10613-09102008	WATER	N	Manganese	0.03	0.00035	0.01	MG/L
	ST106-GW-10620-23122008	WATER	N	Iron	1.37	0.0055	0.1	MG/L
	ST106-GW-10620-23122008	WATER	N	Manganese	0.16 J	0.00035	0.01	MG/L
SW8011								
	ST106-GW-10611-08102008	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10611-08102008	WATER	N	1,2-Dibromoethane	0.072	0.0097	0.02	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2-Dibromo-3-chloropropane	0.02 U	0.0082	0.02	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2-Dibromoethane	0.02 U	0.0097	0.02	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2-Dibromo-3-chloropropane	0.0196 U	0.00802	0.0196	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2-Dibromoethane	0.0196 U	0.00948	0.0196	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2-Dibromo-3-chloropropane	0.0199 U	0.00818	0.0199	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2-Dibromoethane	0.0199 U	0.00967	0.0199	UG/L
SW8015-E								
	ST106-GW-10611-08102008	WATER	N	TPH C10-C28	262 U	105	262	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8015-E								
	ST106-GW-10612-09102008	WATER	N	TPH C10-C28	287 UJ	115	287	UG/L
	ST106-GW-10613-09102008	WATER	N	TPH C10-C28	259 U	104	259	UG/L
	ST106-GW-10620-23122008	WATER	N	TPH C10-C28	120 J	104	259	UG/L
SW8015-P								
	ST106-GW-10611-08102008	WATER	N	TPH C6-C10	140	32	64	UG/L
	ST106-GW-10612-09102008	WATER	N	TPH C6-C10	56 J	32	64	UG/L
	ST106-GW-10613-09102008	WATER	N	TPH C6-C10	64 U	32	64	UG/L
	ST106-GW-10620-23122008	WATER	N	TPH C6-C10	350	32	64	UG/L
SW8260B								
	ST106-GW-10611-08102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10611-08102008	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10611-08102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10611-08102008	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-08102008	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10611-08102008	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10611-08102008	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10611-08102008	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10611-08102008	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10611-08102008	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10611-08102008	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10611-08102008	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10611-08102008	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10611-08102008	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10611-08102008	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10611-08102008	WATER	N	Chloroform	1 U	0.29	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-08102008	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10611-08102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10611-08102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10611-08102008	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10611-08102008	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10611-08102008	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10611-08102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10611-08102008	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10611-08102008	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10611-08102008	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10611-08102008	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10611-08102008	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10611-08102008	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10611-08102008	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10611-08102008	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Toluene	1.7	0.22	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-08102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10611-08102008	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10612-09102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-09102008	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10612-09102008	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10612-09102008	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10612-09102008	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10612-09102008	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10612-09102008	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10612-09102008	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10612-09102008	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10612-09102008	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzene	0.25 J	0.16	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10612-09102008	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10612-09102008	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10612-09102008	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10612-09102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10612-09102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-09102008	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10612-09102008	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10612-09102008	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10612-09102008	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10612-09102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10612-09102008	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10612-09102008	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10612-09102008	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10612-09102008	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10612-09102008	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10612-09102008	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10612-09102008	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10612-09102008	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Toluene	1.7	0.22	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10612-09102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-09102008	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10612-09102008	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10613-09102008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10613-09102008	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10613-09102008	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-09102008	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10613-09102008	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10613-09102008	WATER	N	2-Hexanone	5 U	0.8	5	UG/L
	ST106-GW-10613-09102008	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10613-09102008	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10613-09102008	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10613-09102008	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10613-09102008	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10613-09102008	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10613-09102008	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10613-09102008	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10613-09102008	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-09102008	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10613-09102008	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10613-09102008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10613-09102008	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10613-09102008	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10613-09102008	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10613-09102008	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10613-09102008	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10613-09102008	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10613-09102008	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10613-09102008	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Toluene	0.77 J	0.22	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10613-09102008	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10613-09102008	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10620-23122008	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10620-23122008	WATER	N	1,1,1-Trichloroethane	1 U	0.16	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.26	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,1-Dichloroethane	1 U	0.22	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2,4-Trimethylbenzene	0.22 J	0.17	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,3,5-Trimethylbenzene	0.56 J	0.22	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,3-Dichlorobenzene	1 U	0.14	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10620-23122008	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10620-23122008	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10620-23122008	WATER	N	2-Butanone	6 U	1	6	UG/L
	ST106-GW-10620-23122008	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10620-23122008	WATER	N	2-Hexanone	5 U	0.8	5	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10620-23122008	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10620-23122008	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10620-23122008	WATER	N	Acetone	10 U	3.6	10	UG/L
	ST106-GW-10620-23122008	WATER	N	Benzene	1	0.16	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Bromoform	1 U	0.35	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10620-23122008	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10620-23122008	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10620-23122008	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10620-23122008	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10620-23122008	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10620-23122008	WATER	N	Dichlorodifluoromethane	2 U	0.19	2	UG/L
	ST106-GW-10620-23122008	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Hexachlorobutadiene	1 U	0.4	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Isopropylbenzene	2.6	0.41	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10620-23122008	WATER	N	m,p-Xylene	1 J	0.27	2	UG/L
	ST106-GW-10620-23122008	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10620-23122008	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10620-23122008	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10620-23122008	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10620-23122008	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10620-23122008	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10620-23122008	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10620-23122008	WATER	N	sec-Butylbenzene	0.42 J	0.2	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10620-23122008	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Toluene	4.6	0.22	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10620-23122008	WATER	N	trans-1,3-Dichloropropene	1 U	0.15	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Trichlorofluoromethane	2 U	0.25	2	UG/L
	ST106-GW-10620-23122008	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Xylenes, Total	1 J	0.27	3	UG/L
SW8270C								
	ST106-GW-10611-08102008	WATER	N	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	2,4,5-Trichlorophenol	21 U	3.6	21	UG/L
	ST106-GW-10611-08102008	WATER	N	2,4,6-Trichlorophenol	21 U	3.8	21	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-08102008	WATER	N	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	2,4-Dinitrophenol	63.2 UJ	5.9	63.2	UG/L
	ST106-GW-10611-08102008	WATER	N	2,4-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10611-08102008	WATER	N	2,6-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10611-08102008	WATER	N	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	2-Methylnaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	2-Methylphenol	10.5 U	2.7	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	2-Nitroaniline	52.6 U	3.2	52.6	UG/L
	ST106-GW-10611-08102008	WATER	N	2-Nitrophenol	21 U	3.6	21	UG/L
	ST106-GW-10611-08102008	WATER	N	3,3'-Dichlorobenzidine	21 U	2.8	21	UG/L
	ST106-GW-10611-08102008	WATER	N	3-Nitroaniline	52.6 U	2.9	52.6	UG/L
	ST106-GW-10611-08102008	WATER	N	4,6-Dinitro-2-methylphenol	63.2 U	3.5	63.2	UG/L
	ST106-GW-10611-08102008	WATER	N	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	4-Chloro-3-methylphenol	21 U	2.8	21	UG/L
	ST106-GW-10611-08102008	WATER	N	4-Chloroaniline	21 U	3.2	21	UG/L
	ST106-GW-10611-08102008	WATER	N	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	4-Methylphenol	21 U	6.4	21	UG/L
	ST106-GW-10611-08102008	WATER	N	4-Nitroaniline	10.5 U	2.9	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	4-Nitrophenol	52.6 U	3	52.6	UG/L
	ST106-GW-10611-08102008	WATER	N	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Acenaphthylene	10.5 U	3.2	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Anthracene	10.5 U	2.9	10.5	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-08102008	WATER	N	Benzidine	158 U	21	158	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzoic acid	63.2 R	14.7	63.2	UG/L
	ST106-GW-10611-08102008	WATER	N	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Bis (2-chloroethyl) ether	10.5 U	3.2	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Bis (2-ethylhexyl) phthalate	10.5 U	4.6	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Butyl benzylphthalate	21 U	3.2	21	UG/L
	ST106-GW-10611-08102008	WATER	N	Chrysene	10.5 U	3	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Dibenzo (a,h) anthracene	10.5 U	2.8	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Dibenzofuran	10.5 U	2.8	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Diethyl phthalate	10.5 U	2.9	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Dimethyl phthalate	10.5 U	3.2	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Di-n-butylphthalate	21 U	3	21	UG/L
	ST106-GW-10611-08102008	WATER	N	Di-n-octylphthalate	21 U	2.9	21	UG/L
	ST106-GW-10611-08102008	WATER	N	Fluoranthene	21 U	2.9	21	UG/L
	ST106-GW-10611-08102008	WATER	N	Fluorene	10.5 U	3	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Hexachlorocyclopentadiene	10.5 U	2.3	10.5	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-08102008	WATER	N	Hexachloroethane	10.5 U	2.7	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Indeno(1,2,3-cd)pyrene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Naphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Nitrobenzene	21 U	2.9	21	UG/L
	ST106-GW-10611-08102008	WATER	N	n-Nitrosodi-n-propylamine	21 U	3.2	21	UG/L
	ST106-GW-10611-08102008	WATER	N	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Pentachlorophenol	63.2 U	2.7	63.2	UG/L
	ST106-GW-10611-08102008	WATER	N	Phenanthrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Phenol	10.5 U	1.8	10.5	UG/L
	ST106-GW-10611-08102008	WATER	N	Pyrene	10.5 U	3	10.5	UG/L
	ST106-GW-10612-09102008	WATER	N	1,2-Dichlorobenzene	10.8 U	2.8	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	1,3-Dinitrobenzene	10.8 U	2.7	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	2,4,5-Trichlorophenol	21.5 U	3.6	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	2,4,6-Trichlorophenol	21.5 U	3.9	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	2,4-Dimethylphenol	10.8 U	2.5	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	2,4-Dinitrophenol	64.5 UJ	6	64.5	UG/L
	ST106-GW-10612-09102008	WATER	N	2,4-Dinitrotoluene	21.5 U	3	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	2,6-Dinitrotoluene	21.5 U	3	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	2-Chloronaphthalene	10.8 U	3	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	2-Chlorophenol	10.8 U	3.1	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	2-Methylnaphthalene	10.8 U	3	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	2-Methylphenol	10.8 U	2.8	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	2-Nitroaniline	53.8 U	3.2	53.8	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-09102008	WATER	N	2-Nitrophenol	21.5 U	3.6	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	3,3'-Dichlorobenzidine	21.5 U	2.9	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	3-Nitroaniline	53.8 U	3	53.8	UG/L
	ST106-GW-10612-09102008	WATER	N	4,6-Dinitro-2-methylphenol	64.5 U	3.5	64.5	UG/L
	ST106-GW-10612-09102008	WATER	N	4-Bromophenyl phenyl ether	10.8 U	2.5	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	4-Chloro-3-methylphenol	21.5 U	2.9	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	4-Chloroaniline	21.5 U	3.2	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	4-Chlorophenyl phenyl ether	10.8 U	2.7	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	4-Methylphenol	21.5 UJ	6.6	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	4-Nitroaniline	10.8 U	3	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	4-Nitrophenol	53.8 U	3.1	53.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Acenaphthene	10.8 U	3	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Acenaphthylene	10.8 U	3.2	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Anthracene	10.8 U	3	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzidine	161 U	21.5	161	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzo (a) pyrene	10.8 U	3	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzo (b) fluoranthene	10.8 U	2.8	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzo (g,h,i) perylene	10.8 U	2.8	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzo(a)anthracene	10.8 U	2.8	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzo(k)fluoranthene	10.8 U	3.1	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzoic acid	64.5 R	15	64.5	UG/L
	ST106-GW-10612-09102008	WATER	N	Bis (2-chloroethoxy) methane	10.8 U	3.8	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Bis (2-chloroethyl) ether	10.8 U	3.2	10.8	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-09102008	WATER	N	Bis (2-ethylhexyl) phthalate	10.8 U	4.7	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Butyl benzylphthalate	21.5 U	3.2	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	Chrysene	10.8 U	3.1	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Dibenzo (a,h) anthracene	10.8 U	2.9	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Dibenzofuran	10.8 U	2.9	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Diethyl phthalate	10.8 U	3	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Dimethyl phthalate	10.8 U	3.2	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Di-n-butylphthalate	21.5 U	3.1	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	Di-n-octylphthalate	21.5 U	3	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	Fluoranthene	21.5 U	3	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	Fluorene	10.8 U	3.1	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Hexachlorobenzene	10.8 U	0.44	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Hexachlorobutadiene	10.8 U	2.7	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Hexachlorocyclopentadiene	10.8 U	2.4	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Hexachloroethane	10.8 U	2.8	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Indeno(1,2,3-cd)pyrene	10.8 U	2.8	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Naphthalene	10.8 U	3	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Nitrobenzene	21.5 U	3	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	n-Nitrosodi-n-propylamine	21.5 U	3.2	21.5	UG/L
	ST106-GW-10612-09102008	WATER	N	n-Nitrosodiphenylamine	10.8 U	3.6	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Pentachlorophenol	64.5 U	2.8	64.5	UG/L
	ST106-GW-10612-09102008	WATER	N	Phenanthrene	10.8 U	3	10.8	UG/L
	ST106-GW-10612-09102008	WATER	N	Phenol	10.8 U	1.8	10.8	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-09102008	WATER	N	Pyrene	10.8 U	3.1	10.8	UG/L
	ST106-GW-10613-09102008	WATER	N	1,2-Dichlorobenzene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	1,3-Dinitrobenzene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	2,4,5-Trichlorophenol	21.3 U	3.6	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	2,4,6-Trichlorophenol	21.3 U	3.8	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	2,4-Dimethylphenol	10.6 U	2.4	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	2,4-Dinitrophenol	63.8 UJ	6	63.8	UG/L
	ST106-GW-10613-09102008	WATER	N	2,4-Dinitrotoluene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	2,6-Dinitrotoluene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	2-Chloronaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	2-Chlorophenol	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	2-Methylnaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	2-Methylphenol	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	2-Nitroaniline	53.2 U	3.2	53.2	UG/L
	ST106-GW-10613-09102008	WATER	N	2-Nitrophenol	21.3 U	3.6	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	3,3'-Dichlorobenzidine	21.3 U	2.9	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	3-Nitroaniline	53.2 U	3	53.2	UG/L
	ST106-GW-10613-09102008	WATER	N	4,6-Dinitro-2-methylphenol	63.8 U	3.5	63.8	UG/L
	ST106-GW-10613-09102008	WATER	N	4-Bromophenyl phenyl ether	10.6 U	2.4	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	4-Chloro-3-methylphenol	21.3 U	2.9	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	4-Chloroaniline	21.3 U	3.2	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	4-Chlorophenyl phenyl ether	10.6 U	2.6	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	4-Methylphenol	21.3 UJ	6.5	21.3	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-09102008	WATER	N	4-Nitroaniline	10.6 U	3	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	4-Nitrophenol	53.2 U	3.1	53.2	UG/L
	ST106-GW-10613-09102008	WATER	N	Acenaphthene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Acenaphthylene	10.6 U	3.2	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Anthracene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzidine	160 U	21.3	160	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzo (a) pyrene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzo (b) fluoranthene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzo (g,h,i) perylene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzo(a)anthracene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzo(k)fluoranthene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzoic acid	63.8 R	14.9	63.8	UG/L
	ST106-GW-10613-09102008	WATER	N	Bis (2-chloroethoxy) methane	10.6 U	3.7	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Bis (2-chloroethyl) ether	10.6 U	3.2	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Bis (2-ethylhexyl) phthalate	10.6 U	4.7	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Butyl benzylphthalate	21.3 U	3.2	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	Chrysene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Dibenzo (a,h) anthracene	10.6 U	2.9	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Dibenzofuran	10.6 U	2.9	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Diethyl phthalate	10.6 U	3	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Dimethyl phthalate	10.6 U	3.2	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Di-n-butylphthalate	21.3 U	3.1	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	Di-n-octylphthalate	21.3 U	3	21.3	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-09102008	WATER	N	Fluoranthene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	Fluorene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Hexachlorobenzene	10.6 U	0.44	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Hexachlorobutadiene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Hexachlorocyclopentadiene	10.6 U	2.3	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Hexachloroethane	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Indeno(1,2,3-cd)pyrene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Naphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Nitrobenzene	21.3 U	3	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	n-Nitrosodi-n-propylamine	21.3 U	3.2	21.3	UG/L
	ST106-GW-10613-09102008	WATER	N	n-Nitrosodiphenylamine	10.6 U	3.6	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Pentachlorophenol	63.8 U	2.8	63.8	UG/L
	ST106-GW-10613-09102008	WATER	N	Phenanthrene	10.6 U	3	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Phenol	10.6 U	1.8	10.6	UG/L
	ST106-GW-10613-09102008	WATER	N	Pyrene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10620-23122008	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	2,4,6-Trichlorophenol	20.6 U	3.7	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-10620-23122008	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10620-23122008	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-10620-23122008	WATER	N	2-Nitrophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-10620-23122008	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	3.4	61.8	UG/L
	ST106-GW-10620-23122008	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	4-Nitroaniline	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	4-Nitrophenol	51.5 U	3	51.5	UG/L
	ST106-GW-10620-23122008	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-10620-23122008	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10620-23122008	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Benzoic acid	61.8 R	14.4	61.8	UG/L
	ST106-GW-10620-23122008	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Dibenzo (a,h) anthracene	10.3 U	2.8	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Di-n-butylphthalate	20.6 U	3	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	Di-n-octylphthalate	20.6 U	2.9	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Hexachlorocyclopentadiene	10.3 U	2.3	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Nitrobenzene	20.6 U	2.9	20.6	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10620-23122008	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-10620-23122008	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Pentachlorophenol	61.8 U	2.7	61.8	UG/L
	ST106-GW-10620-23122008	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Phenol	10.3 U	1.8	10.3	UG/L
	ST106-GW-10620-23122008	WATER	N	Pyrene	10.3 U	3	10.3	UG/L
SW8310								
	ST106-GW-10611-08102008	WATER	N	1-Methylnaphthalene	0.35 J	0.034	1	UG/L
	ST106-GW-10611-08102008	WATER	N	2-Methylnaphthalene	0.52 J	0.071	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Acenaphthene	0.069 J	0.034	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Anthracene	0.082 J	0.012	0.31	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-10611-08102008	WATER	N	Benzo(k)fluoranthene	0.15 U	0.077	0.15	UG/L
	ST106-GW-10611-08102008	WATER	N	Chrysene	0.21 U	0.091	0.21	UG/L
	ST106-GW-10611-08102008	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.038	0.31	UG/L
	ST106-GW-10611-08102008	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-10611-08102008	WATER	N	Fluorene	0.076 J	0.02	0.31	UG/L
	ST106-GW-10611-08102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10611-08102008	WATER	N	Naphthalene	0.14 J	0.044	1	UG/L
	ST106-GW-10611-08102008	WATER	N	Phenanthrene	0.31 U	0.041	0.31	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10611-08102008	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-10612-09102008	WATER	N	1-Methylnaphthalene	0.28 J	0.04	1.2	UG/L
	ST106-GW-10612-09102008	WATER	N	2-Methylnaphthalene	0.36 J	0.082	1.2	UG/L
	ST106-GW-10612-09102008	WATER	N	Acenaphthene	1.2 U	0.04	1.2	UG/L
	ST106-GW-10612-09102008	WATER	N	Acenaphthylene	1.2 U	0.034	1.2	UG/L
	ST106-GW-10612-09102008	WATER	N	Anthracene	0.36 U	0.014	0.36	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzo (a) pyrene	0.24 U	0.04	0.24	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzo (b) fluoranthene	0.24 U	0.038	0.24	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzo (g,h,i) perylene	0.24 U	0.035	0.24	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzo(a)anthracene	0.24 U	0.036	0.24	UG/L
	ST106-GW-10612-09102008	WATER	N	Benzo(k)fluoranthene	0.18 U	0.089	0.18	UG/L
	ST106-GW-10612-09102008	WATER	N	Chrysene	0.24 U	0.1	0.24	UG/L
	ST106-GW-10612-09102008	WATER	N	Dibenzo (a,h) anthracene	0.36 U	0.043	0.36	UG/L
	ST106-GW-10612-09102008	WATER	N	Fluoranthene	0.48 U	0.042	0.48	UG/L
	ST106-GW-10612-09102008	WATER	N	Fluorene	0.044 J	0.023	0.36	UG/L
	ST106-GW-10612-09102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.24 U	0.024	0.24	UG/L
	ST106-GW-10612-09102008	WATER	N	Naphthalene	1.2 U	0.051	1.2	UG/L
	ST106-GW-10612-09102008	WATER	N	Phenanthrene	0.36 U	0.047	0.36	UG/L
	ST106-GW-10612-09102008	WATER	N	Pyrene	0.24 U	0.046	0.24	UG/L
	ST106-GW-10613-09102008	WATER	N	1-Methylnaphthalene	0.2 J	0.035	1	UG/L
	ST106-GW-10613-09102008	WATER	N	2-Methylnaphthalene	0.24 J	0.072	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Acenaphthene	0.037 J	0.035	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10613-09102008	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-10613-09102008	WATER	N	Benzo(k)fluoranthene	0.16 U	0.078	0.16	UG/L
	ST106-GW-10613-09102008	WATER	N	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-10613-09102008	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-10613-09102008	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-10613-09102008	WATER	N	Fluorene	0.045 J	0.02	0.32	UG/L
	ST106-GW-10613-09102008	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10613-09102008	WATER	N	Naphthalene	0.097 J	0.044	1	UG/L
	ST106-GW-10613-09102008	WATER	N	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-10613-09102008	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-10620-23122008	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10620-23122008	WATER	N	2-Methylnaphthalene	1 U	0.071	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Anthracene	0.069 J	0.012	0.31	UG/L
	ST106-GW-10620-23122008	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10620-23122008	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10620-23122008	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-10620-23122008	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L

Table 3. Summary of Analytical Results for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10620-23122008	WATER	N	Benzo(k)fluoranthene	0.15 U	0.077	0.15	UG/L
	ST106-GW-10620-23122008	WATER	N	Chrysene	0.21 U	0.091	0.21	UG/L
	ST106-GW-10620-23122008	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.038	0.31	UG/L
	ST106-GW-10620-23122008	WATER	N	Fluoranthene	0.055 J	0.037	0.42	UG/L
	ST106-GW-10620-23122008	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-10620-23122008	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10620-23122008	WATER	N	Naphthalene	0.045 J	0.044	1	UG/L
	ST106-GW-10620-23122008	WATER	N	Phenanthrene	0.15 J	0.041	0.31	UG/L
	ST106-GW-10620-23122008	WATER	N	Pyrene	0.085 J	0.04	0.21	UG/L

QA/QC Type

N = Normal Environmental Sample
FD = Field Duplicate

* The most severe flag for each analyte becomes the final validation flag

Qualifier Description:

J = The analyte was positively identified, the quantitation is an estimate.
U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the reporting limit (RL).
UJ = The analyte was analyzed for, but not detected. The associated numerical value is at or below the reporting limit (RL) and the the quantitation is an estimate.

Table 4. Summary of Holding Times for Bulk Fuels Facility Drilling Investigation

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
E300	ST106-GW-10611-081	WATER	N	Days - E	10/8/2008		10/10/2008
	ST106-GW-10612-091	WATER	N	Days - E	10/9/2008		10/10/2008
	ST106-GW-10613-091	WATER	N	Days - E	10/9/2008		10/10/2008
	ST106-GW-10620-231	WATER	N	Days - E	12/23/2008		12/25/2008
SW6010	ST106-GW-10611-081	WATER	N	10 Days - A	10/8/2008	10/16/2008	10/18/2008
	ST106-GW-10612-091	WATER	N	15 Days - A	10/9/2008	10/18/2008	10/24/2008
	ST106-GW-10613-091	WATER	N	15 Days - A	10/9/2008	10/18/2008	10/24/2008
	ST106-GW-10620-231	WATER	N	6 Days - A	12/23/2008	12/26/2008	12/29/2008
SW8011	ST106-GW-10611-081	WATER	N	7 Days - A	10/8/2008	10/14/2008	10/15/2008
	ST106-GW-10612-091	WATER	N	6 Days - A	10/9/2008	10/14/2008	10/15/2008
	ST106-GW-10613-091	WATER	N	6 Days - A	10/9/2008	10/14/2008	10/15/2008
	ST106-GW-10620-231	WATER	N	10 Days - A	12/23/2008	12/30/2008	1/2/2009
SW8015-E	ST106-GW-10611-081	WATER	N	7 Days - E	10/8/2008	10/15/2008	10/17/2008
	ST106-GW-10611-081	WATER	N	9 Days - E	10/8/2008	10/17/2008	10/19/2008
	ST106-GW-10612-091	WATER	N	8 Days - E	10/9/2008	10/17/2008	10/19/2008
	ST106-GW-10612-091	WATER	N	6 Days - E	10/9/2008	10/15/2008	10/17/2008
	ST106-GW-10613-091	WATER	N	6 Days - E	10/9/2008	10/15/2008	10/17/2008
	ST106-GW-10620-231	WATER	N	6 Days - E	12/23/2008	12/29/2008	1/2/2009
SW8015-P	ST106-GW-10620-231	WATER	N	8 Days - E	12/23/2008	12/31/2008	12/31/2008
	ST106-GW-10611-081	WATER	N	7 Days - E	10/8/2008	10/15/2008	10/15/2008
	ST106-GW-10612-091	WATER	N	6 Days - E	10/9/2008	10/15/2008	10/15/2008
	ST106-GW-10613-091	WATER	N	6 Days - E	10/9/2008	10/15/2008	10/15/2008
SW8260B	ST106-GW-10611-081	WATER	N	9 Days - A	10/8/2008	10/17/2008	10/17/2008
	ST106-GW-10612-091	WATER	N	8 Days - A	10/9/2008	10/17/2008	10/17/2008
	ST106-GW-10613-091	WATER	N	8 Days - A	10/9/2008	10/17/2008	10/17/2008
	ST106-GW-10620-231	WATER	N	4 Days - A	12/23/2008	12/27/2008	12/27/2008
SW8270C	ST106-GW-10611-081	WATER	N	7 Days - E	10/8/2008	10/15/2008	10/17/2008
	ST106-GW-10612-091	WATER	N	6 Days - E	10/9/2008	10/15/2008	10/17/2008
	ST106-GW-10613-091	WATER	N	6 Days - E	10/9/2008	10/15/2008	10/17/2008
	ST106-GW-10620-231	WATER	N	6 Days - E	12/23/2008	12/29/2008	1/2/2009
SW8310	ST106-GW-10611-081	WATER	N	7 Days - E	10/8/2008	10/15/2008	10/16/2008
	ST106-GW-10612-091	WATER	N	6 Days - E	10/9/2008	10/15/2008	10/17/2008
	ST106-GW-10613-091	WATER	N	6 Days - E	10/9/2008	10/15/2008	10/17/2008
	ST106-GW-10620-231	WATER	N	6 Days - E	12/23/2008	12/29/2008	12/31/2008

* Holding Time - Type 'A' = Analysis holding time, 'E' = Extraction holding time

QA/QC Type

N = Normal Environmental Sample
FD = Field Duplicate

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
E300							
	645630	WATER	2510568	Nitrate	96.4	75	125
	645631		2510568	Nitrate	97.9	75	125
	646966		2510575	Nitrate	94.8	75	125
	646967		2510575	Nitrate	97.1	75	125
	679304		2511390	Nitrate	95.2	75	125
	679305		2511390	Nitrate	95.5	75	125
SW6010							
	271089	WATER	2510568	Iron	101.6	75	125
	271089		2510568	Manganese	100.6	75	125
	271090		2510568	Iron	98	75	125
	271090		2510568	Manganese	98	75	125
	271162		2510575	Iron	99	75	125
	271162		2510575	Manganese	92.4	75	125
	271163		2510575	Iron	100.4	75	125
	271163		2510575	Manganese	92.2	75	125
	275917		2511390	Iron	105.8	75	125
	275917		2511390	Manganese	105.2	75	125
	275918		2511390	Iron	104.6	75	125
	275918		2511390	Manganese	105	75	125
SW8011							
	270767	WATER	2510575	1,2-Dibromo-3-chloropropane	117	60	140
	270767		2510568	1,2-Dibromo-3-chloropropane	117	60	140
	270767		2510575	1,2-Dibromoethane	117	60	140
	270767		2510568	1,2-Dibromoethane	117	60	140
	270768		2510575	1,2-Dibromo-3-chloropropane	125	60	140
	270768		2510568	1,2-Dibromo-3-chloropropane	125	60	140
	270768		2510568	1,2-Dibromoethane	117	60	140
	270768		2510575	1,2-Dibromoethane	117	60	140
	276059		2511390	1,2-Dibromo-3-chloropropane	108	60	140
	276059		2511390	1,2-Dibromoethane	108	60	140
	276060		2511390	1,2-Dibromo-3-chloropropane	108	60	140
	276060		2511390	1,2-Dibromoethane	108	60	140
SW8015-E							
	270918	WATER	2510568	**TPH C10-C28**	**186**	**50**	**104**
	270918		2510575	**TPH C10-C28**	**186**	**50**	**104**
	270919		2510568	**TPH C10-C28**	**320**	**50**	**104**
	270919		2510575	**TPH C10-C28**	**320**	**50**	**104**
	271109		2510568	TPH C10-C28	72	50	104
	271109		2510575	TPH C10-C28	72	50	104
	271110		2510568	TPH C10-C28	86	50	104
	271110		2510575	TPH C10-C28	86	50	104
	275992		2511390	TPH C10-C28	104	50	104

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8015-E							
	275993	WATER	2511390	**TPH C10-C28**	**112**	**50**	**104**
SW8015-P							
	1015LCS	WATER	2510575	TPH C6-C10	104	79	149
	1015LCS		2510568	TPH C6-C10	104	79	149
	1015LCSD		2510575	TPH C6-C10	100	79	149
	1015LCSD		2510568	TPH C6-C10	100	79	149
	1231LCS		2511390	TPH C6-C10	92	79	149
	1231LCSD		2511390	TPH C6-C10	92	79	149
SW8260B							
	101708LCSA32	WATER	2510575	1,1,1,2-Tetrachloroethane	101	77	117
	101708LCSA32		2510568	1,1,1,2-Tetrachloroethane	101	77	117
	101708LCSA32		2510575	1,1,1-Trichloroethane	98	78	118
	101708LCSA32		2510568	1,1,1-Trichloroethane	98	78	118
	101708LCSA32		2510575	1,1,2,2-Tetrachloroethane	90.5	73	119
	101708LCSA32		2510568	1,1,2,2-Tetrachloroethane	90.5	73	119
	101708LCSA32		2510568	1,1,2-Trichloroethane	93.5	76	116
	101708LCSA32		2510575	1,1,2-Trichloroethane	93.5	76	116
	101708LCSA32		2510575	1,1-Dichloroethane	97	77	117
	101708LCSA32		2510568	1,1-Dichloroethane	97	77	117
	101708LCSA32		2510568	1,1-Dichloroethene	93	66	133
	101708LCSA32		2510575	1,1-Dichloroethene	93	66	133
	101708LCSA32		2510575	1,1-Dichloropropene	98.5	75	115
	101708LCSA32		2510568	1,1-Dichloropropene	98.5	75	115
	101708LCSA32		2510568	1,2,3-Trichlorobenzene	110	66	123
	101708LCSA32		2510575	1,2,3-Trichlorobenzene	110	66	123
	101708LCSA32		2510575	1,2,3-Trichloropropane	89.5	84	118
	101708LCSA32		2510568	1,2,3-Trichloropropane	89.5	84	118
	101708LCSA32		2510575	1,2,4-Trichlorobenzene	115	73	121
	101708LCSA32		2510568	1,2,4-Trichlorobenzene	115	73	121
	101708LCSA32		2510575	1,2,4-Trimethylbenzene	105	77	120
	101708LCSA32		2510568	1,2,4-Trimethylbenzene	105	77	120
	101708LCSA32		2510575	1,2-Dibromo-3-chloropropane	86	65	117
	101708LCSA32		2510568	1,2-Dibromo-3-chloropropane	86	65	117
	101708LCSA32		2510575	1,2-Dibromoethane	96.5	77	117
	101708LCSA32		2510568	1,2-Dibromoethane	96.5	77	117
	101708LCSA32		2510575	1,2-Dichlorobenzene	104	76	116
	101708LCSA32		2510568	1,2-Dichlorobenzene	104	76	116
	101708LCSA32		2510568	1,2-Dichloroethane	91	74	120
	101708LCSA32		2510575	1,2-Dichloroethane	91	74	120
	101708LCSA32		2510568	1,2-Dichloropropane	100	76	116
	101708LCSA32		2510575	1,2-Dichloropropane	100	76	116
	101708LCSA32		2510568	1,3,5-Trimethylbenzene	105	77	117

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101708LCSA32	WATER	2510575	1,3,5-Trimethylbenzene	105	77	117
	101708LCSA32		2510568	1,3-Dichlorobenzene	102	75	115
	101708LCSA32		2510575	1,3-Dichlorobenzene	102	75	115
	101708LCSA32		2510575	1,3-Dichloropropane	97	75	115
	101708LCSA32		2510568	1,3-Dichloropropane	97	75	115
	101708LCSA32		2510575	1,4-Dichlorobenzene	102	77	117
	101708LCSA32		2510568	1,4-Dichlorobenzene	102	77	117
	101708LCSA32		2510575	2,2-Dichloropropane	112	72	128
	101708LCSA32		2510568	2,2-Dichloropropane	112	72	128
	101708LCSA32		2510575	2-Butanone	87.3	57	120
	101708LCSA32		2510568	2-Butanone	87.3	57	120
	101708LCSA32		2510568	2-Chlorotoluene	102	76	116
	101708LCSA32		2510575	2-Chlorotoluene	102	76	116
	101708LCSA32		2510575	2-Hexanone	86.7	57	121
	101708LCSA32		2510568	2-Hexanone	86.7	57	121
	101708LCSA32		2510568	4-Chlorotoluene	103	78	118
	101708LCSA32		2510575	4-Chlorotoluene	103	78	118
	101708LCSA32		2510568	4-Methyl-2-Pentanone	88.7	65	118
	101708LCSA32		2510575	4-Methyl-2-Pentanone	88.7	65	118
	101708LCSA32		2510568	Acetone	81.3	48	130
	101708LCSA32		2510575	Acetone	81.3	48	130
	101708LCSA32		2510575	Benzene	100	77	118
	101708LCSA32		2510568	Benzene	100	77	118
	101708LCSA32		2510568	Bromobenzene	93	75	115
	101708LCSA32		2510575	Bromobenzene	93	75	115
	101708LCSA32		2510568	Bromochloromethane	93	78	118
	101708LCSA32		2510575	Bromochloromethane	93	78	118
	101708LCSA32		2510575	Bromodichloromethane	100	78	118
	101708LCSA32		2510568	Bromodichloromethane	100	78	118
	101708LCSA32		2510575	Bromoform	105	74	121
	101708LCSA32		2510568	Bromoform	105	74	121
	101708LCSA32		2510575	Bromomethane	104	42	154
	101708LCSA32		2510568	Bromomethane	104	42	154
	101708LCSA32		2510568	Carbon Disulfide	102	56	104
	101708LCSA32		2510575	Carbon Disulfide	102	56	104
	101708LCSA32		2510575	Carbon tetrachloride	101	80	120
	101708LCSA32		2510568	Carbon tetrachloride	101	80	120
	101708LCSA32		2510568	Chlorobenzene	102	78	118
	101708LCSA32		2510575	Chlorobenzene	102	78	118
	101708LCSA32		2510568	Chloroethane	93.5	51	133
	101708LCSA32		2510575	Chloroethane	93.5	51	133
	101708LCSA32		2510568	Chloroform	94	78	118

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101708LCSA32	WATER	2510575	Chloroform	94	78	118
	101708LCSA32		2510575	Chloromethane	82	46	142
	101708LCSA32		2510568	Chloromethane	82	46	142
	101708LCSA32		2510575	Cis-1,2-DCE	106	75	115
	101708LCSA32		2510568	Cis-1,2-DCE	106	75	115
	101708LCSA32		2510568	**cis-1,3-Dichloropropene**	**116**	**76**	**113**
	101708LCSA32		2510575	**cis-1,3-Dichloropropene**	**116**	**76**	**113**
	101708LCSA32		2510568	Dibromochloromethane	101	76	116
	101708LCSA32		2510575	Dibromochloromethane	101	76	116
	101708LCSA32		2510568	Dibromomethane	94.5	77	117
	101708LCSA32		2510575	Dibromomethane	94.5	77	117
	101708LCSA32		2510568	Dichlorodifluoromethane	96	56	140
	101708LCSA32		2510575	Dichlorodifluoromethane	96	56	140
	101708LCSA32		2510575	Ethylbenzene	103	78	118
	101708LCSA32		2510568	Ethylbenzene	103	78	118
	101708LCSA32		2510575	Hexachlorobutadiene	104	73	123
	101708LCSA32		2510568	Hexachlorobutadiene	104	73	123
	101708LCSA32		2510575	Isopropylbenzene	101	71	113
	101708LCSA32		2510568	Isopropylbenzene	101	71	113
	101708LCSA32		2510568	m,p-Xylene	104	78	118
	101708LCSA32		2510575	m,p-Xylene	104	78	118
	101708LCSA32		2510568	Methyl tert-Butyl Ether	94	58	116
	101708LCSA32		2510575	Methyl tert-Butyl Ether	94	58	116
	101708LCSA32		2510568	Methylene chloride	96	71	119
	101708LCSA32		2510575	Methylene chloride	96	71	119
	101708LCSA32		2510568	Naphthalene	106	62	121
	101708LCSA32		2510575	Naphthalene	106	62	121
	101708LCSA32		2510568	n-Butylbenzene	106	76	117
	101708LCSA32		2510575	n-Butylbenzene	106	76	117
	101708LCSA32		2510575	n-Propylbenzene	103	76	116
	101708LCSA32		2510568	n-Propylbenzene	103	76	116
	101708LCSA32		2510568	o-Xylene	104	77	117
	101708LCSA32		2510575	o-Xylene	104	77	117
	101708LCSA32		2510575	p-Isopropyltoluene	107	76	113
	101708LCSA32		2510568	p-Isopropyltoluene	107	76	113
	101708LCSA32		2510575	Sec-Butylbenzene	104	80	120
	101708LCSA32		2510568	Sec-Butylbenzene	104	80	120
	101708LCSA32		2510575	Styrene	107	77	117
	101708LCSA32		2510568	Styrene	107	77	117
	101708LCSA32		2510575	tert-Butylbenzene	102	76	116
	101708LCSA32		2510568	tert-Butylbenzene	102	76	116
	101708LCSA32		2510575	Tetrachloroethene	100	77	117

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101708LCSA32	WATER	2510568	Tetrachloroethene	100	77	117
	101708LCSA32		2510575	Toluene	107	73	120
	101708LCSA32		2510568	Toluene	107	73	120
	101708LCSA32		2510568	trans-1,2-Dichloroethene	100	80	120
	101708LCSA32		2510575	trans-1,2-Dichloroethene	100	80	120
	101708LCSA32		2510568	trans-1,3-Dichloropropene	108	72	117
	101708LCSA32		2510575	trans-1,3-Dichloropropene	108	72	117
	101708LCSA32		2510568	Trichloroethene	104	78	122
	101708LCSA32		2510575	Trichloroethene	104	78	122
	101708LCSA32		2510575	Trichlorofluoromethane	86.5	65	190
	101708LCSA32		2510568	Trichlorofluoromethane	86.5	65	190
	101708LCSA32		2510575	Vinyl chloride	96	49	136
	101708LCSA32		2510568	Vinyl chloride	96	49	136
	101708LCSA32		2510568	Xylenes, Total	104	77	117
	101708LCSA32		2510575	Xylenes, Total	104	77	117
	1227LCS51		2511390	1,1,1,2-Tetrachloroethane	93.5	77	117
	1227LCS51		2511390	1,1,1-Trichloroethane	95.5	78	118
	1227LCS51		2511390	1,1,2,2-Tetrachloroethane	93	73	119
	1227LCS51		2511390	1,1,2-Trichloroethane	92.5	76	116
	1227LCS51		2511390	1,1-Dichloroethane	95	77	117
	1227LCS51		2511390	1,1-Dichloroethene	103	66	133
	1227LCS51		2511390	1,1-Dichloropropene	99.5	75	115
	1227LCS51		2511390	1,2,3-Trichlorobenzene	97	66	123
	1227LCS51		2511390	1,2,3-Trichloropropane	94	84	118
	1227LCS51		2511390	1,2,4-Trichlorobenzene	98.5	73	121
	1227LCS51		2511390	1,2,4-Trimethylbenzene	97	77	120
	1227LCS51		2511390	1,2-Dibromo-3-chloropropane	92.5	65	117
	1227LCS51		2511390	1,2-Dibromoethane	94	77	117
	1227LCS51		2511390	1,2-Dichlorobenzene	96.5	76	116
	1227LCS51		2511390	1,2-Dichloroethane	92.5	74	120
	1227LCS51		2511390	1,2-Dichloropropane	94	76	116
	1227LCS51		2511390	1,3,5-Trimethylbenzene	98	77	117
	1227LCS51		2511390	1,3-Dichlorobenzene	95.5	75	115
	1227LCS51		2511390	1,3-Dichloropropane	95	75	115
	1227LCS51		2511390	1,4-Dichlorobenzene	95.5	77	117
	1227LCS51		2511390	2,2-Dichloropropane	102	72	128
	1227LCS51		2511390	2-Butanone	87.5	57	120
	1227LCS51		2511390	2-Chlorotoluene	87.5	76	116
	1227LCS51		2511390	2-Hexanone	90.5	57	121
	1227LCS51		2511390	4-Chlorotoluene	94.5	78	118
	1227LCS51		2511390	4-Methyl-2-Pentanone	92	65	118
	1227LCS51		2511390	Acetone	87	48	130

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	1227LCS51	WATER	2511390	Benzene	98.5	77	118
	1227LCS51		2511390	Bromobenzene	95	75	115
	1227LCS51		2511390	Bromochloromethane	95.5	78	118
	1227LCS51		2511390	Bromodichloromethane	94	78	118
	1227LCS51		2511390	Bromoform	95	74	121
	1227LCS51		2511390	Bromomethane	120	42	154
	1227LCS51		2511390	Carbon Disulfide	88.5	56	104
	1227LCS51		2511390	Carbon tetrachloride	99.5	80	120
	1227LCS51		2511390	Chlorobenzene	95.5	78	118
	1227LCS51		2511390	Chloroethane	102	51	133
	1227LCS51		2511390	Chloroform	92.5	78	118
	1227LCS51		2511390	Chloromethane	90.5	46	142
	1227LCS51		2511390	Cis-1,2-DCE	99	75	115
	1227LCS51		2511390	cis-1,3-Dichloropropene	99	76	113
	1227LCS51		2511390	Dibromochloromethane	95	76	116
	1227LCS51		2511390	Dibromomethane	92.5	77	117
	1227LCS51		2511390	Dichlorodifluoromethane	86	56	140
	1227LCS51		2511390	Ethylbenzene	95.5	78	118
	1227LCS51		2511390	Hexachlorobutadiene	99	73	123
	1227LCS51		2511390	Isopropylbenzene	99.5	71	113
	1227LCS51		2511390	m,p-Xylene	98	78	118
	1227LCS51		2511390	Methyl tert-Butyl Ether	89	58	116
	1227LCS51		2511390	Methylene chloride	107	71	119
	1227LCS51		2511390	Naphthalene	100	62	121
	1227LCS51		2511390	n-Butylbenzene	100	76	117
	1227LCS51		2511390	n-Propylbenzene	97.5	76	116
	1227LCS51		2511390	o-Xylene	96.5	77	117
	1227LCS51		2511390	p-Isopropyltoluene	99	76	113
	1227LCS51		2511390	Sec-Butylbenzene	96.5	80	120
	1227LCS51		2511390	Styrene	98.5	77	117
	1227LCS51		2511390	tert-Butylbenzene	98.5	76	116
	1227LCS51		2511390	Tetrachloroethene	96	77	117
	1227LCS51		2511390	Toluene	97	73	120
	1227LCS51		2511390	trans-1,2-Dichloroethene	105	80	120
	1227LCS51		2511390	trans-1,3-Dichloropropene	99.5	72	117
	1227LCS51		2511390	Trichloroethene	97.5	78	122
	1227LCS51		2511390	Trichlorofluoromethane	94	65	190
	1227LCS51		2511390	Vinyl chloride	97	49	136
	1227LCS51		2511390	Xylenes, Total	97.5	77	117
SW8270C							
	270906	WATER	2510568	1,2-Dichlorobenzene	77.5	40	100
	270906		2510575	1,2-Dichlorobenzene	77.5	40	100

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	270906	WATER	2510575	1,3-Dinitrobenzene	100	45	135
	270906		2510568	1,3-Dinitrobenzene	100	45	135
	270906		2510568	2,4,5-Trichlorophenol	86	50	110
	270906		2510575	2,4,5-Trichlorophenol	86	50	110
	270906		2510568	2,4,6-Trichlorophenol	89.5	53	115
	270906		2510575	2,4,6-Trichlorophenol	89.5	53	115
	270906		2510568	2,4-Dimethylphenol	96.2	47	110
	270906		2510575	2,4-Dimethylphenol	96.2	47	110
	270906		2510575	**2,4-Dinitrophenol**	**52.6**	**56**	**140**
	270906		2510568	**2,4-Dinitrophenol**	**52.6**	**56**	**140**
	270906		2510568	2,4-Dinitrotoluene	87.2	69	120
	270906		2510575	2,4-Dinitrotoluene	87.2	69	120
	270906		2510568	2,6-Dinitrotoluene	87.2	69	115
	270906		2510575	2,6-Dinitrotoluene	87.2	69	115
	270906		2510568	2-Chloronaphthalene	86	35	105
	270906		2510575	2-Chloronaphthalene	86	35	105
	270906		2510575	2-Chlorophenol	88.2	51	105
	270906		2510568	2-Chlorophenol	88.2	51	105
	270906		2510568	2-Methylnaphthalene	90	57	105
	270906		2510575	2-Methylnaphthalene	90	57	105
	270906		2510568	2-Methylphenol	72.5	47	110
	270906		2510575	2-Methylphenol	72.5	47	110
	270906		2510568	2-Nitroaniline	99.2	66	115
	270906		2510575	2-Nitroaniline	99.2	66	115
	270906		2510575	2-Nitrophenol	89.5	48	115
	270906		2510568	2-Nitrophenol	89.5	48	115
	270906		2510575	3,3'-Dichlorobenzidine	90.8	55	110
	270906		2510568	3,3'-Dichlorobenzidine	90.8	55	110
	270906		2510575	3-Nitroaniline	96.8	61	125
	270906		2510568	3-Nitroaniline	96.8	61	125
	270906		2510575	4,6-Dinitro-2-methylphenol	69.2	44	130
	270906		2510568	4,6-Dinitro-2-methylphenol	69.2	44	130
	270906		2510575	4-Bromophenyl phenyl ether	93.2	54	113
	270906		2510568	4-Bromophenyl phenyl ether	93.2	54	113
	270906		2510575	4-Chloro-3-methylphenol	91	55	110
	270906		2510568	4-Chloro-3-methylphenol	91	55	110
	270906		2510568	4-Chloroaniline	89.5	52	110
	270906		2510575	4-Chloroaniline	89.5	52	110
	270906		2510575	4-Chlorophenyl phenyl ether	91.5	60	110
	270906		2510568	4-Chlorophenyl phenyl ether	91.5	60	110
	270906		2510568	**4-Methylphenol**	**146**	**37**	**110**
	270906		2510575	**4-Methylphenol**	**146**	**37**	**110**

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	270906	WATER	2510568	4-Nitroaniline	102	67	120
	270906		2510575	4-Nitroaniline	102	67	120
	270906		2510568	4-Nitrophenol	49.5	27	80
	270906		2510575	4-Nitrophenol	49.5	27	80
	270906		2510575	Acenaphthene	94.5	60	110
	270906		2510568	Acenaphthene	94.5	60	110
	270906		2510575	Acenaphthylene	97.2	58	105
	270906		2510568	Acenaphthylene	97.2	58	105
	270906		2510568	Anthracene	94.2	63	110
	270906		2510575	Anthracene	94.2	63	110
	270906		2510568	Benzidine	0	0	98
	270906		2510575	Benzidine	0	0	98
	270906		2510568	Benzo (a) anthracene	94.8	63	110
	270906		2510575	Benzo (a) anthracene	94.8	63	110
	270906		2510568	Benzo (a) pyrene	92.5	60	110
	270906		2510575	Benzo (a) pyrene	92.5	60	110
	270906		2510568	Benzo (b) fluoranthene	106	60	120
	270906		2510575	Benzo (b) fluoranthene	106	60	120
	270906		2510568	Benzo (g,h,i) perylene	108	40	125
	270906		2510575	Benzo (g,h,i) perylene	108	40	125
	270906		2510568	Benzo (k) fluoranthene	89.8	54	125
	270906		2510575	Benzo (k) fluoranthene	89.8	54	125
	270906		2510568	**Benzoic acid**	**0**	**10**	**60**
	270906		2510575	**Benzoic acid**	**0**	**10**	**60**
	270906		2510568	Bis (2-chloroethoxy) methane	96.5	61	105
	270906		2510575	Bis (2-chloroethoxy) methane	96.5	61	105
	270906		2510568	Bis (2-chloroethyl) ether	90.8	62	110
	270906		2510575	Bis (2-chloroethyl) ether	90.8	62	110
	270906		2510568	Bis (2-ethylhexyl) phthalate	107	63	125
	270906		2510575	Bis (2-ethylhexyl) phthalate	107	63	125
	270906		2510568	Butyl benzylphthalate	105	64	115
	270906		2510575	Butyl benzylphthalate	105	64	115
	270906		2510568	Chrysene	97	60	110
	270906		2510575	Chrysene	97	60	110
	270906		2510568	Dibenzo (a,h) anthracene	108	41	125
	270906		2510575	Dibenzo (a,h) anthracene	108	41	125
	270906		2510568	Dibenzofuran	93.5	64	105
	270906		2510575	Dibenzofuran	93.5	64	105
	270906		2510568	Diethyl phthalate	95	64	120
	270906		2510575	Diethyl phthalate	95	64	120
	270906		2510575	Dimethyl phthalate	94.2	62	125
	270906		2510568	Dimethyl phthalate	94.2	62	125

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	270906	WATER	2510568	Di-n-butylphthalate	96	65	115
	270906		2510575	Di-n-butylphthalate	96	65	115
	270906		2510568	Di-n-octylphthalate	102	57	135
	270906		2510575	Di-n-octylphthalate	102	57	135
	270906		2510568	Fluoranthene	93.8	64	115
	270906		2510575	Fluoranthene	93.8	64	115
	270906		2510568	Fluorene	92.2	62	110
	270906		2510575	Fluorene	92.2	62	110
	270906		2510568	Hexachlorobenzene	83.2	68	110
	270906		2510575	Hexachlorobenzene	83.2	68	110
	270906		2510568	Hexachlorobutadiene	68	42	105
	270906		2510575	Hexachlorobutadiene	68	42	105
	270906		2510568	Hexachlorocyclopentadiene	68.8	27	139
	270906		2510575	Hexachlorocyclopentadiene	68.8	27	139
	270906		2510575	Hexachloroethane	89	32	95
	270906		2510568	Hexachloroethane	89	32	95
	270906		2510575	Indeno (1,2,3-c,d) pyrene	113	45	125
	270906		2510568	Indeno (1,2,3-c,d) pyrene	113	45	125
	270906		2510575	Naphthalene	89.8	50	100
	270906		2510568	Naphthalene	89.8	50	100
	270906		2510568	Nitrobenzene	90	61	110
	270906		2510575	Nitrobenzene	90	61	110
	270906		2510575	n-Nitrosodi-n-propylamine	91.5	57	120
	270906		2510568	n-Nitrosodi-n-propylamine	91.5	57	120
	270906		2510568	n-Nitrosodiphenylamine	92	71	110
	270906		2510575	n-Nitrosodiphenylamine	92	71	110
	270906		2510568	Pentachlorophenol	79.2	41	115
	270906		2510575	Pentachlorophenol	79.2	41	115
	270906		2510575	Phenanthrene	95.2	61	115
	270906		2510568	Phenanthrene	95.2	61	115
	270906		2510575	Phenol	46.5	30	74
	270906		2510568	Phenol	46.5	30	74
	270906		2510568	Pyrene	100	62	130
	270906		2510575	Pyrene	100	62	130
	275985		2511390	1,2-Dichlorobenzene	76.5	40	100
	275985		2511390	1,3-Dinitrobenzene	107	45	135
	275985		2511390	2,4,5-Trichlorophenol	90.5	50	110
	275985		2511390	2,4,6-Trichlorophenol	94.2	53	115
	275985		2511390	2,4-Dimethylphenol	102	47	110
	275985		2511390	2,4-Dinitrophenol	90.1	56	140
	275985		2511390	2,4-Dinitrotoluene	100	69	120
	275985		2511390	2,6-Dinitrotoluene	98.5	69	115

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	275985	WATER	2511390	2-Chloronaphthalene	90	35	105
	275985		2511390	2-Chlorophenol	90	51	105
	275985		2511390	2-Methylnaphthalene	78	57	105
	275985		2511390	2-Methylphenol	83.8	47	110
	275985		2511390	2-Nitroaniline	94.8	66	115
	275985		2511390	2-Nitrophenol	87.5	48	115
	275985		2511390	3,3'-Dichlorobenzidine	97.5	55	110
	275985		2511390	3-Nitroaniline	102	61	125
	275985		2511390	4,6-Dinitro-2-methylphenol	82	44	130
	275985		2511390	4-Bromophenyl phenyl ether	80.2	54	113
	275985		2511390	4-Chloro-3-methylphenol	93.2	55	110
	275985		2511390	4-Chloroaniline	86.2	52	110
	275985		2511390	4-Chlorophenyl phenyl ether	97.8	60	110
	275985		2511390	**4-Methylphenol**	**146**	**37**	**110**
	275985		2511390	4-Nitroaniline	105	67	120
	275985		2511390	4-Nitrophenol	49.2	27	80
	275985		2511390	Acenaphthene	83	60	110
	275985		2511390	Acenaphthylene	87	58	105
	275985		2511390	Anthracene	85.5	63	110
	275985		2511390	Benzidine	0	0	98
	275985		2511390	Benzo (a) anthracene	83	63	110
	275985		2511390	Benzo (a) pyrene	83.2	60	110
	275985		2511390	Benzo (b) fluoranthene	91.5	60	120
	275985		2511390	Benzo (g,h,i) perylene	91	40	125
	275985		2511390	Benzo (k) fluoranthene	77	54	125
	275985		2511390	**Benzoic acid**	**0**	**10**	**60**
	275985		2511390	**Bis (2-chloroethoxy) methan**	**108**	**61**	**105**
	275985		2511390	Bis (2-chloroethyl) ether	99.2	62	110
	275985		2511390	Bis (2-ethylhexyl) phthalate	96.8	63	125
	275985		2511390	Butyl benzylphthalate	97.8	64	115
	275985		2511390	Chrysene	80.8	60	110
	275985		2511390	Dibenzo (a,h) anthracene	87.2	41	125
	275985		2511390	Dibenzofuran	87.5	64	105
	275985		2511390	Diethyl phthalate	102	64	120
	275985		2511390	Dimethyl phthalate	102	62	125
	275985		2511390	Di-n-butylphthalate	101	65	115
	275985		2511390	Di-n-octylphthalate	101	57	135
	275985		2511390	Fluoranthene	92	64	115
	275985		2511390	Fluorene	81.5	62	110
	275985		2511390	Hexachlorobenzene	82.8	68	110
	275985		2511390	Hexachlorobutadiene	71.2	42	105
	275985		2511390	Hexachlorocyclopentadiene	60	27	139

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	275985	WATER	2511390	Hexachloroethane	85	32	95
	275985		2511390	Indeno (1,2,3-c,d) pyrene	92	45	125
	275985		2511390	Naphthalene	76.8	50	100
	275985		2511390	Nitrobenzene	92.5	61	110
	275985		2511390	n-Nitrosodi-n-propylamine	97.5	57	120
	275985		2511390	n-Nitrosodiphenylamine	101	71	110
	275985		2511390	Pentachlorophenol	71	41	115
	275985		2511390	Phenanthrene	81.8	61	115
	275985		2511390	Phenol	58.2	30	74
	275985		2511390	Pyrene	78.2	62	130
	275986		2511390	1,2-Dichlorobenzene	85.8	40	100
	275986		2511390	1,3-Dinitrobenzene	106	45	135
	275986		2511390	2,4,5-Trichlorophenol	91.2	50	110
	275986		2511390	2,4,6-Trichlorophenol	94	53	115
	275986		2511390	2,4-Dimethylphenol	110	47	110
	275986		2511390	2,4-Dinitrophenol	106	56	140
	275986		2511390	2,4-Dinitrotoluene	96.8	69	120
	275986		2511390	2,6-Dinitrotoluene	94.8	69	115
	275986		2511390	2-Chloronaphthalene	91.2	35	105
	275986		2511390	2-Chlorophenol	97.2	51	105
	275986		2511390	2-Methylnaphthalene	84.2	57	105
	275986		2511390	2-Methylphenol	90.5	47	110
	275986		2511390	2-Nitroaniline	97.8	66	115
	275986		2511390	2-Nitrophenol	96.5	48	115
	275986		2511390	3,3'-Dichlorobenzidine	106	55	110
	275986		2511390	3-Nitroaniline	99.8	61	125
	275986		2511390	4,6-Dinitro-2-methylphenol	90.2	44	130
	275986		2511390	4-Bromophenyl phenyl ether	86	54	113
	275986		2511390	4-Chloro-3-methylphenol	98.5	55	110
	275986		2511390	4-Chloroaniline	95.5	52	110
	275986		2511390	4-Chlorophenyl phenyl ether	96	60	110
	275986		2511390	**4-Methylphenol**	**160**	**37**	**110**
	275986		2511390	4-Nitroaniline	102	67	120
	275986		2511390	4-Nitrophenol	47	27	80
	275986		2511390	Acenaphthene	83	60	110
	275986		2511390	Acenaphthylene	88.2	58	105
	275986		2511390	Anthracene	91.2	63	110
	275986		2511390	Benzidine	0	0	98
	275986		2511390	Benzo (a) anthracene	88	63	110
	275986		2511390	Benzo (a) pyrene	87.8	60	110
	275986		2511390	Benzo (b) fluoranthene	95.8	60	120
	275986		2511390	Benzo (g,h,i) perylene	97.2	40	125

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	275986	WATER	2511390	Benzo (k) fluoranthene	85	54	125
	275986		2511390	Benzoic acid	36.1	10	60
	275986		2511390	**Bis (2-chloroethoxy) methan**	**110**	**61**	**105**
	275986		2511390	Bis (2-chloroethyl) ether	108	62	110
	275986		2511390	Bis (2-ethylhexyl) phthalate	102	63	125
	275986		2511390	Butyl benzylphthalate	104	64	115
	275986		2511390	Chrysene	85.8	60	110
	275986		2511390	Dibenzo (a,h) anthracene	94.5	41	125
	275986		2511390	Dibenzofuran	85.5	64	105
	275986		2511390	Diethyl phthalate	101	64	120
	275986		2511390	Dimethyl phthalate	99.5	62	125
	275986		2511390	Di-n-butylphthalate	108	65	115
	275986		2511390	Di-n-octylphthalate	106	57	135
	275986		2511390	Fluoranthene	98.8	64	115
	275986		2511390	Fluorene	83.5	62	110
	275986		2511390	Hexachlorobenzene	88.8	68	110
	275986		2511390	Hexachlorobutadiene	79.5	42	105
	275986		2511390	Hexachlorocyclopentadiene	64	27	139
	275986		2511390	Hexachloroethane	93.8	32	95
	275986		2511390	Indeno (1,2,3-c,d) pyrene	99.5	45	125
	275986		2511390	Naphthalene	86	50	100
	275986		2511390	Nitrobenzene	103	61	110
	275986		2511390	n-Nitrosodi-n-propylamine	104	57	120
	275986		2511390	n-Nitrosodiphenylamine	108	71	110
	275986		2511390	Pentachlorophenol	87.5	41	115
	275986		2511390	Phenanthrene	87.5	61	115
	275986		2511390	Phenol	61.8	30	74
	275986		2511390	Pyrene	82	62	130
SW8310							
	270993	WATER	2510568	1-Methylnaphthalene	74	68	114
	270993		2510575	1-Methylnaphthalene	74	68	114
	270993		2510568	2-Methylnaphthalene	86	62	108
	270993		2510575	2-Methylnaphthalene	86	62	108
	270993		2510575	Acenaphthene	91	66	110
	270993		2510568	Acenaphthene	91	66	110
	270993		2510568	Acenaphthylene	88	62	110
	270993		2510575	Acenaphthylene	88	62	110
	270993		2510568	Anthracene	90	76	112
	270993		2510575	Anthracene	90	76	112
	270993		2510568	Benz(a)anthracene	93	69	110
	270993		2510575	Benz(a)anthracene	93	69	110
	270993		2510575	Benzo(a)pyrene	91	69	116

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	270993	WATER	2510568	Benzo(a)pyrene	91	69	116
	270993		2510575	Benzo(b)fluoranthene	101	71	109
	270993		2510568	Benzo(b)fluoranthene	101	71	109
	270993		2510575	Benzo(g,h,i)perylene	94	60	105
	270993		2510568	Benzo(g,h,i)perylene	94	60	105
	270993		2510568	Benzo(k)fluoranthene	97	69	107
	270993		2510575	Benzo(k)fluoranthene	97	69	107
	270993		2510568	Chrysene	96	71	111
	270993		2510575	Chrysene	96	71	111
	270993		2510568	Dibenz(a,h)anthracene	96	62	109
	270993		2510575	Dibenz(a,h)anthracene	96	62	109
	270993		2510568	Fluoranthene	100	69	111
	270993		2510575	Fluoranthene	100	69	111
	270993		2510575	Fluorene	91	66	105
	270993		2510568	Fluorene	91	66	105
	270993		2510575	Indeno(1,2,3-cd)pyrene	94	52	121
	270993		2510568	Indeno(1,2,3-cd)pyrene	94	52	121
	270993		2510575	Naphthalene	90	65	113
	270993		2510568	Naphthalene	90	65	113
	270993		2510575	Phenanthrene	94	67	112
	270993		2510568	Phenanthrene	94	67	112
	270993		2510575	Pyrene	94	69	110
	270993		2510568	Pyrene	94	69	110
	270994		2510575	1-Methylnaphthalene	73	68	114
	270994		2510568	1-Methylnaphthalene	73	68	114
	270994		2510575	2-Methylnaphthalene	84	62	108
	270994		2510568	2-Methylnaphthalene	84	62	108
	270994		2510575	Acenaphthene	89	66	110
	270994		2510568	Acenaphthene	89	66	110
	270994		2510575	Acenaphthylene	86	62	110
	270994		2510568	Acenaphthylene	86	62	110
	270994		2510568	Anthracene	88	76	112
	270994		2510575	Anthracene	88	76	112
	270994		2510575	Benz(a)anthracene	91	69	110
	270994		2510568	Benz(a)anthracene	91	69	110
	270994		2510575	Benzo(a)pyrene	90	69	116
	270994		2510568	Benzo(a)pyrene	90	69	116
	270994		2510575	Benzo(b)fluoranthene	98	71	109
	270994		2510568	Benzo(b)fluoranthene	98	71	109
	270994		2510575	Benzo(g,h,i)perylene	94	60	105
	270994		2510568	Benzo(g,h,i)perylene	94	60	105
	270994		2510575	Benzo(k)fluoranthene	95	69	107

Table 5. Equipment, Trip, and Method Blank Data Summary for Bulk Fuels Facility Drilling Investigation

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	270994	WATER	2510568	Benzo(k)fluoranthene	95	69	107
	270994		2510568	Chrysene	94	71	111
	270994		2510575	Chrysene	94	71	111
	270994		2510575	Dibenz(a,h)anthracene	96	62	109
	270994		2510568	Dibenz(a,h)anthracene	96	62	109
	270994		2510568	Fluoranthene	98	69	111
	270994		2510575	Fluoranthene	98	69	111
	270994		2510568	Fluorene	89	66	105
	270994		2510575	Fluorene	89	66	105
	270994		2510575	Indeno(1,2,3-cd)pyrene	95	52	121
	270994		2510568	Indeno(1,2,3-cd)pyrene	95	52	121
	270994		2510575	Naphthalene	87	65	113
	270994		2510568	Naphthalene	87	65	113
	270994		2510568	Phenanthrene	93	67	112
	270994		2510575	Phenanthrene	93	67	112
	270994		2510575	Pyrene	92	69	110
	270994		2510568	Pyrene	92	69	110
	275983		2511390	1-Methylnaphthalene	88	68	114
	275983		2511390	2-Methylnaphthalene	93	62	108
	275983		2511390	Acenaphthene	89	66	110
	275983		2511390	Acenaphthylene	86	62	110
	275983		2511390	Anthracene	91	76	112
	275983		2511390	Benz(a)anthracene	87	69	110
	275983		2511390	Benzo(a)pyrene	93	69	116
	275983		2511390	Benzo(b)fluoranthene	85	71	109
	275983		2511390	Benzo(g,h,i)perylene	94	60	105
	275983		2511390	Benzo(k)fluoranthene	91	69	107
	275983		2511390	Chrysene	92	71	111
	275983		2511390	Dibenz(a,h)anthracene	86	62	109
	275983		2511390	Fluoranthene	90	69	111
	275983		2511390	Fluorene	89	66	105
	275983		2511390	Indeno(1,2,3-cd)pyrene	91	52	121
	275983		2511390	Naphthalene	90	65	113
	275983		2511390	Phenanthrene	90	67	112
	275983		2511390	Pyrene	91	69	110

Bold formatting indicates recoveries below the lower control limit or above the upper control limit.

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
E300											
	645629MB	WATER	LB	2510568	Nitrate	10/9/2008	10	0.015	10	U	MG/L
	646965MB		LB	2510575	Nitrate	10/10/2008	10	0.015	10	U	MG/L
	679303MB		LB	2511390	Nitrate	12/24/2008	10	0.015	10	U	MG/L
SW6010											
	271088BLK	WATER	LB	2510568	Iron	10/18/2008	0.1	0.006	0.1	U	MG/L
	271088BLK		LB	2510568	Manganese	10/18/2008	0.01	0.0004	0.01	U	MG/L
	271161BLK		LB	2510575	Iron	10/24/2008	0.1	0.006	0.1	U	MG/L
	271161BLK		LB	2510575	Manganese	10/24/2008	0.0031	0.0004	0.01	J	MG/L
	275916BLK		LB	2511390	Iron	12/29/2008	0.1	0.006	0.1	U	MG/L
	275916BLK		LB	2511390	Manganese	12/29/2008	0.000369	0.0004	0.01	J	MG/L
SW8011											
	157BLK	WATER	LB	2510568	1,2-Dibromo-3-chloropropane	10/15/2008	0.0199	0.008	0.02	U	UG/L
	157BLK		LB	2510575	1,2-Dibromo-3-chloropropane	10/15/2008	0.0199	0.008	0.02	U	UG/L
	157BLK		LB	2510575	1,2-Dibromoethane	10/15/2008	0.0199	0.01	0.02	U	UG/L
	157BLK		LB	2510568	1,2-Dibromoethane	10/15/2008	0.0199	0.01	0.02	U	UG/L
	583BLK		LB	2511390	1,2-Dibromo-3-chloropropane	1/2/2009	0.0199	0.008	0.02	U	UG/L
	583BLK		LB	2511390	1,2-Dibromoethane	1/2/2009	0.0199	0.01	0.02	U	UG/L
SW8015-E											
	166MB	WATER	LB	2510575	TPH C10-C28	10/17/2008	510	100	250	J	UG/L
	166MB		LB	2510568	TPH C10-C28	10/17/2008	510	100	250	J	UG/L
	180MB		LB	2510575	TPH C10-C28	10/19/2008	250	100	250	U	UG/L
	180MB		LB	2510568	TPH C10-C28	10/19/2008	250	100	250	U	UG/L
	580BLK		LB	2511390	TPH C10-C28	1/2/2009	250	100	250	U	UG/L
SW8015-P											
	1015BLK2	WATER	LB	2510568	TPH C6-C10	10/15/2008	64	32	64	U	UG/L
	1015BLK2		LB	2510575	TPH C6-C10	10/15/2008	64	32	64	U	UG/L
	1231BLK1		LB	2511390	TPH C6-C10	12/31/2008	64	32	64	U	UG/L
	ST106-TB-08102008		TB	2510568	TPH C6-C10	10/15/2008	64	32	64	U	UG/L
	ST106-TB-09102008		TB	2510575	TPH C6-C10	10/15/2008	64	32	64	U	UG/L
	ST106-TB-23122008		TB	2511390	TPH C6-C10	12/31/2008	64	32	64	U	UG/L
SW8260B											
	101708BLKA32	WATER	LB	2510568	1,1,1,2-Tetrachloroethane	10/17/2008	1	0.25	1	U	UG/L
	101708BLKA32		LB	2510575	1,1,1,2-Tetrachloroethane	10/17/2008	1	0.25	1	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101708BLKA32	WATER	LB	2510568	1,1,1-Trichloroethane	10/17/2008	1	0.16	1	U	UG/L
	101708BLKA32		LB	2510575	1,1,1-Trichloroethane	10/17/2008	1	0.16	1	U	UG/L
	101708BLKA32		LB	2510568	1,1,2,2-Tetrachloroethane	10/17/2008	1	0.26	1	U	UG/L
	101708BLKA32		LB	2510575	1,1,2,2-Tetrachloroethane	10/17/2008	1	0.26	1	U	UG/L
	101708BLKA32		LB	2510575	1,1,2-Trichloroethane	10/17/2008	1	0.28	1	U	UG/L
	101708BLKA32		LB	2510568	1,1,2-Trichloroethane	10/17/2008	1	0.28	1	U	UG/L
	101708BLKA32		LB	2510575	1,1-Dichloroethane	10/17/2008	1	0.22	1	U	UG/L
	101708BLKA32		LB	2510568	1,1-Dichloroethane	10/17/2008	1	0.22	1	U	UG/L
	101708BLKA32		LB	2510575	1,1-Dichloroethene	10/17/2008	1	0.24	1	U	UG/L
	101708BLKA32		LB	2510568	1,1-Dichloroethene	10/17/2008	1	0.24	1	U	UG/L
	101708BLKA32		LB	2510575	1,1-Dichloropropene	10/17/2008	1	0.19	1	U	UG/L
	101708BLKA32		LB	2510568	1,1-Dichloropropene	10/17/2008	1	0.19	1	U	UG/L
	101708BLKA32		LB	2510575	1,2,3-Trichlorobenzene	10/17/2008	1.2	0.61	1.2	U	UG/L
	101708BLKA32		LB	2510568	1,2,3-Trichlorobenzene	10/17/2008	1.2	0.61	1.2	U	UG/L
	101708BLKA32		LB	2510575	1,2,3-Trichloropropane	10/17/2008	1.5	0.76	1.5	U	UG/L
	101708BLKA32		LB	2510568	1,2,3-Trichloropropane	10/17/2008	1.5	0.76	1.5	U	UG/L
	101708BLKA32		LB	2510568	1,2,4-Trichlorobenzene	10/17/2008	1	0.5	1	U	UG/L
	101708BLKA32		LB	2510575	1,2,4-Trichlorobenzene	10/17/2008	1	0.5	1	U	UG/L
	101708BLKA32		LB	2510575	1,2,4-Trimethylbenzene	10/17/2008	1	0.17	1	U	UG/L
	101708BLKA32		LB	2510568	1,2,4-Trimethylbenzene	10/17/2008	1	0.17	1	U	UG/L
	101708BLKA32		LB	2510568	1,2-Dibromo-3-chloropropane	10/17/2008	5	1.4	5	U	UG/L
	101708BLKA32		LB	2510575	1,2-Dibromo-3-chloropropane	10/17/2008	5	1.4	5	U	UG/L
	101708BLKA32		LB	2510568	1,2-Dibromoethane	10/17/2008	1	0.33	1	U	UG/L
	101708BLKA32		LB	2510575	1,2-Dibromoethane	10/17/2008	1	0.33	1	U	UG/L
	101708BLKA32		LB	2510575	1,2-Dichlorobenzene	10/17/2008	1	0.26	1	U	UG/L
	101708BLKA32		LB	2510568	1,2-Dichlorobenzene	10/17/2008	1	0.26	1	U	UG/L
	101708BLKA32		LB	2510575	1,2-Dichloroethane	10/17/2008	1	0.4	1	U	UG/L
	101708BLKA32		LB	2510568	1,2-Dichloroethane	10/17/2008	1	0.4	1	U	UG/L
	101708BLKA32		LB	2510568	1,2-Dichloropropane	10/17/2008	1	0.27	1	U	UG/L
	101708BLKA32		LB	2510575	1,2-Dichloropropane	10/17/2008	1	0.27	1	U	UG/L
	101708BLKA32		LB	2510575	1,3,5-Trimethylbenzene	10/17/2008	1	0.22	1	U	UG/L
	101708BLKA32		LB	2510568	1,3,5-Trimethylbenzene	10/17/2008	1	0.22	1	U	UG/L
	101708BLKA32		LB	2510575	1,3-Dichlorobenzene	10/17/2008	1	0.14	1	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101708BLKA32	WATER	LB	2510568	1,3-Dichlorobenzene	10/17/2008	1	0.14	1	U	UG/L
	101708BLKA32		LB	2510575	1,3-Dichloropropane	10/17/2008	1	0.19	1	U	UG/L
	101708BLKA32		LB	2510568	1,3-Dichloropropane	10/17/2008	1	0.19	1	U	UG/L
	101708BLKA32		LB	2510575	1,4-Dichlorobenzene	10/17/2008	1	0.24	1	U	UG/L
	101708BLKA32		LB	2510568	1,4-Dichlorobenzene	10/17/2008	1	0.24	1	U	UG/L
	101708BLKA32		LB	2510575	2,2-Dichloropropane	10/17/2008	5	0.32	5	U	UG/L
	101708BLKA32		LB	2510568	2,2-Dichloropropane	10/17/2008	5	0.32	5	U	UG/L
	101708BLKA32		LB	2510568	2-Butanone	10/17/2008	6	1	6	U	UG/L
	101708BLKA32		LB	2510575	2-Butanone	10/17/2008	6	1	6	U	UG/L
	101708BLKA32		LB	2510575	2-Chlorotoluene	10/17/2008	1	0.32	1	U	UG/L
	101708BLKA32		LB	2510568	2-Chlorotoluene	10/17/2008	1	0.32	1	U	UG/L
	101708BLKA32		LB	2510575	2-Hexanone	10/17/2008	5	0.8	5	U	UG/L
	101708BLKA32		LB	2510568	2-Hexanone	10/17/2008	5	0.8	5	U	UG/L
	101708BLKA32		LB	2510575	4-Chlorotoluene	10/17/2008	1	0.12	1	U	UG/L
	101708BLKA32		LB	2510568	4-Chlorotoluene	10/17/2008	1	0.12	1	U	UG/L
	101708BLKA32		LB	2510568	4-Methyl-2-Pentanone	10/17/2008	5	0.61	5	U	UG/L
	101708BLKA32		LB	2510575	4-Methyl-2-Pentanone	10/17/2008	5	0.61	5	U	UG/L
	101708BLKA32		LB	2510568	Acetone	10/17/2008	10	3.6	10	U	UG/L
	101708BLKA32		LB	2510575	Acetone	10/17/2008	10	3.6	10	U	UG/L
	101708BLKA32		LB	2510575	Benzene	10/17/2008	1	0.16	1	U	UG/L
	101708BLKA32		LB	2510568	Benzene	10/17/2008	1	0.16	1	U	UG/L
	101708BLKA32		LB	2510575	Bromobenzene	10/17/2008	1	0.27	1	U	UG/L
	101708BLKA32		LB	2510568	Bromobenzene	10/17/2008	1	0.27	1	U	UG/L
	101708BLKA32		LB	2510575	Bromochloromethane	10/17/2008	1	0.38	1	U	UG/L
	101708BLKA32		LB	2510568	Bromochloromethane	10/17/2008	1	0.38	1	U	UG/L
	101708BLKA32		LB	2510568	Bromodichloromethane	10/17/2008	1	0.15	1	U	UG/L
	101708BLKA32		LB	2510575	Bromodichloromethane	10/17/2008	1	0.15	1	U	UG/L
	101708BLKA32		LB	2510575	Bromoform	10/17/2008	1	0.35	1	U	UG/L
	101708BLKA32		LB	2510568	Bromoform	10/17/2008	1	0.35	1	U	UG/L
	101708BLKA32		LB	2510575	Bromomethane	10/17/2008	2	0.76	2	U	UG/L
	101708BLKA32		LB	2510568	Bromomethane	10/17/2008	2	0.76	2	U	UG/L
	101708BLKA32		LB	2510575	Carbon disulfide	10/17/2008	2	0.29	2	U	UG/L
	101708BLKA32		LB	2510568	Carbon disulfide	10/17/2008	2	0.29	2	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101708BLKA32	WATER	LB	2510568	Carbon tetrachloride	10/17/2008	1	0.33	1	U	UG/L
	101708BLKA32		LB	2510575	Carbon tetrachloride	10/17/2008	1	0.33	1	U	UG/L
	101708BLKA32		LB	2510568	Chlorobenzene	10/17/2008	1	0.18	1	U	UG/L
	101708BLKA32		LB	2510575	Chlorobenzene	10/17/2008	1	0.18	1	U	UG/L
	101708BLKA32		LB	2510575	Chloroethane	10/17/2008	2	0.99	2	U	UG/L
	101708BLKA32		LB	2510568	Chloroethane	10/17/2008	2	0.99	2	U	UG/L
	101708BLKA32		LB	2510568	Chloroform	10/17/2008	1	0.29	1	U	UG/L
	101708BLKA32		LB	2510575	Chloroform	10/17/2008	1	0.29	1	U	UG/L
	101708BLKA32		LB	2510568	Chloromethane	10/17/2008	2	0.68	2	U	UG/L
	101708BLKA32		LB	2510575	Chloromethane	10/17/2008	2	0.68	2	U	UG/L
	101708BLKA32		LB	2510568	cis-1,2-Dichloroethene	10/17/2008	1	0.29	1	U	UG/L
	101708BLKA32		LB	2510575	cis-1,2-Dichloroethene	10/17/2008	1	0.29	1	U	UG/L
	101708BLKA32		LB	2510575	cis-1,3-Dichloropropene	10/17/2008	1	0.23	1	U	UG/L
	101708BLKA32		LB	2510568	cis-1,3-Dichloropropene	10/17/2008	1	0.23	1	U	UG/L
	101708BLKA32		LB	2510568	Dibromochloromethane	10/17/2008	1	0.34	1	U	UG/L
	101708BLKA32		LB	2510575	Dibromochloromethane	10/17/2008	1	0.34	1	U	UG/L
	101708BLKA32		LB	2510575	Dibromomethane	10/17/2008	1.1	0.53	1.1	U	UG/L
	101708BLKA32		LB	2510568	Dibromomethane	10/17/2008	1.1	0.53	1.1	U	UG/L
	101708BLKA32		LB	2510575	Dichlorodifluoromethane	10/17/2008	2	0.19	2	U	UG/L
	101708BLKA32		LB	2510568	Dichlorodifluoromethane	10/17/2008	2	0.19	2	U	UG/L
	101708BLKA32		LB	2510575	Ethylbenzene	10/17/2008	1	0.43	1	U	UG/L
	101708BLKA32		LB	2510568	Ethylbenzene	10/17/2008	1	0.43	1	U	UG/L
	101708BLKA32		LB	2510568	Hexachlorobutadiene	10/17/2008	1	0.4	1	U	UG/L
	101708BLKA32		LB	2510575	Hexachlorobutadiene	10/17/2008	1	0.4	1	U	UG/L
	101708BLKA32		LB	2510568	Isopropylbenzene	10/17/2008	1	0.41	1	U	UG/L
	101708BLKA32		LB	2510575	Isopropylbenzene	10/17/2008	1	0.41	1	U	UG/L
	101708BLKA32		LB	2510568	m,p-Xylene	10/17/2008	2	0.27	2	U	UG/L
	101708BLKA32		LB	2510575	m,p-Xylene	10/17/2008	2	0.27	2	U	UG/L
	101708BLKA32		LB	2510568	Methyl tert-butyl ether (MTBE)	10/17/2008	5	0.26	5	U	UG/L
	101708BLKA32		LB	2510575	Methyl tert-butyl ether (MTBE)	10/17/2008	5	0.26	5	U	UG/L
	101708BLKA32		LB	2510575	Methylene chloride	10/17/2008	5	0.52	5	U	UG/L
	101708BLKA32		LB	2510568	Methylene chloride	10/17/2008	5	0.52	5	U	UG/L
	101708BLKA32		LB	2510575	Naphthalene	10/17/2008	1	0.32	1	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101708BLKA32	WATER	LB	2510568	Naphthalene	10/17/2008	1	0.32	1	U	UG/L
	101708BLKA32		LB	2510568	n-Butylbenzene	10/17/2008	1	0.22	1	U	UG/L
	101708BLKA32		LB	2510575	n-Butylbenzene	10/17/2008	1	0.22	1	U	UG/L
	101708BLKA32		LB	2510575	n-Propylbenzene	10/17/2008	1	0.28	1	U	UG/L
	101708BLKA32		LB	2510568	n-Propylbenzene	10/17/2008	1	0.28	1	U	UG/L
	101708BLKA32		LB	2510568	o-Xylene	10/17/2008	1	0.2	1	U	UG/L
	101708BLKA32		LB	2510575	o-Xylene	10/17/2008	1	0.2	1	U	UG/L
	101708BLKA32		LB	2510575	p-Isopropyltoluene	10/17/2008	1	0.24	1	U	UG/L
	101708BLKA32		LB	2510568	p-Isopropyltoluene	10/17/2008	1	0.24	1	U	UG/L
	101708BLKA32		LB	2510575	sec-Butylbenzene	10/17/2008	1	0.2	1	U	UG/L
	101708BLKA32		LB	2510568	sec-Butylbenzene	10/17/2008	1	0.2	1	U	UG/L
	101708BLKA32		LB	2510575	Styrene	10/17/2008	1	0.2	1	U	UG/L
	101708BLKA32		LB	2510568	Styrene	10/17/2008	1	0.2	1	U	UG/L
	101708BLKA32		LB	2510568	tert-Butylbenzene	10/17/2008	1	0.28	1	U	UG/L
	101708BLKA32		LB	2510575	tert-Butylbenzene	10/17/2008	1	0.28	1	U	UG/L
	101708BLKA32		LB	2510568	Tetrachloroethene	10/17/2008	1	0.35	1	U	UG/L
	101708BLKA32		LB	2510575	Tetrachloroethene	10/17/2008	1	0.35	1	U	UG/L
	101708BLKA32		LB	2510568	Toluene	10/17/2008	1	0.22	1	U	UG/L
	101708BLKA32		LB	2510575	Toluene	10/17/2008	1	0.22	1	U	UG/L
	101708BLKA32		LB	2510575	Trans-1,2-Dichloroethene	10/17/2008	1	0.23	1	U	UG/L
	101708BLKA32		LB	2510568	Trans-1,2-Dichloroethene	10/17/2008	1	0.23	1	U	UG/L
	101708BLKA32		LB	2510568	trans-1,3-Dichloropropene	10/17/2008	1	0.15	1	U	UG/L
	101708BLKA32		LB	2510575	trans-1,3-Dichloropropene	10/17/2008	1	0.15	1	U	UG/L
	101708BLKA32		LB	2510575	Trichloroethene	10/17/2008	1	0.42	1	U	UG/L
	101708BLKA32		LB	2510568	Trichloroethene	10/17/2008	1	0.42	1	U	UG/L
	101708BLKA32		LB	2510568	Trichlorofluoromethane	10/17/2008	2	0.25	2	U	UG/L
	101708BLKA32		LB	2510575	Trichlorofluoromethane	10/17/2008	2	0.25	2	U	UG/L
	101708BLKA32		LB	2510568	Vinyl Chloride	10/17/2008	1	0.28	1	U	UG/L
	101708BLKA32		LB	2510575	Vinyl Chloride	10/17/2008	1	0.28	1	U	UG/L
	101708BLKA32		LB	2510568	Xylenes, Total	10/17/2008	3	0.27	3	U	UG/L
	101708BLKA32		LB	2510575	Xylenes, Total	10/17/2008	3	0.27	3	U	UG/L
	1227BLKA52		LB	2511390	1,1,1,2-Tetrachloroethane	12/27/2008	1	0.25	1	U	UG/L
	1227BLKA52		LB	2511390	1,1,1-Trichloroethane	12/27/2008	1	0.16	1	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	1227BLKA52	WATER	LB	2511390	1,1,2,2-Tetrachloroethane	12/27/2008	1	0.26	1	U	UG/L
	1227BLKA52		LB	2511390	1,1,2-Trichloroethane	12/27/2008	1	0.28	1	U	UG/L
	1227BLKA52		LB	2511390	1,1-Dichloroethane	12/27/2008	1	0.22	1	U	UG/L
	1227BLKA52		LB	2511390	1,1-Dichloroethene	12/27/2008	1	0.24	1	U	UG/L
	1227BLKA52		LB	2511390	1,1-Dichloropropene	12/27/2008	1	0.19	1	U	UG/L
	1227BLKA52		LB	2511390	1,2,3-Trichlorobenzene	12/27/2008	1.2	0.61	1.2	U	UG/L
	1227BLKA52		LB	2511390	1,2,3-Trichloropropane	12/27/2008	1.5	0.76	1.5	U	UG/L
	1227BLKA52		LB	2511390	1,2,4-Trichlorobenzene	12/27/2008	1	0.5	1	U	UG/L
	1227BLKA52		LB	2511390	1,2,4-Trimethylbenzene	12/27/2008	1	0.17	1	U	UG/L
	1227BLKA52		LB	2511390	1,2-Dibromo-3-chloropropane	12/27/2008	5	1.4	5	U	UG/L
	1227BLKA52		LB	2511390	1,2-Dibromoethane	12/27/2008	1	0.33	1	U	UG/L
	1227BLKA52		LB	2511390	1,2-Dichlorobenzene	12/27/2008	1	0.26	1	U	UG/L
	1227BLKA52		LB	2511390	1,2-Dichloroethane	12/27/2008	1	0.4	1	U	UG/L
	1227BLKA52		LB	2511390	1,2-Dichloropropane	12/27/2008	1	0.27	1	U	UG/L
	1227BLKA52		LB	2511390	1,3,5-Trimethylbenzene	12/27/2008	1	0.22	1	U	UG/L
	1227BLKA52		LB	2511390	1,3-Dichlorobenzene	12/27/2008	1	0.14	1	U	UG/L
	1227BLKA52		LB	2511390	1,3-Dichloropropane	12/27/2008	1	0.19	1	U	UG/L
	1227BLKA52		LB	2511390	1,4-Dichlorobenzene	12/27/2008	1	0.24	1	U	UG/L
	1227BLKA52		LB	2511390	2,2-Dichloropropane	12/27/2008	5	0.32	5	U	UG/L
	1227BLKA52		LB	2511390	2-Butanone	12/27/2008	6	1	6	U	UG/L
	1227BLKA52		LB	2511390	2-Chlorotoluene	12/27/2008	1	0.32	1	U	UG/L
	1227BLKA52		LB	2511390	2-Hexanone	12/27/2008	5	0.8	5	U	UG/L
	1227BLKA52		LB	2511390	4-Chlorotoluene	12/27/2008	1	0.12	1	U	UG/L
	1227BLKA52		LB	2511390	4-Methyl-2-Pentanone	12/27/2008	5	0.61	5	U	UG/L
	1227BLKA52		LB	2511390	Acetone	12/27/2008	10	3.6	10	U	UG/L
	1227BLKA52		LB	2511390	Benzene	12/27/2008	1	0.16	1	U	UG/L
	1227BLKA52		LB	2511390	Bromobenzene	12/27/2008	1	0.27	1	U	UG/L
	1227BLKA52		LB	2511390	Bromochloromethane	12/27/2008	1	0.38	1	U	UG/L
	1227BLKA52		LB	2511390	Bromodichloromethane	12/27/2008	1	0.15	1	U	UG/L
	1227BLKA52		LB	2511390	Bromoform	12/27/2008	1	0.35	1	U	UG/L
	1227BLKA52		LB	2511390	Bromomethane	12/27/2008	2	0.76	2	U	UG/L
	1227BLKA52		LB	2511390	Carbon disulfide	12/27/2008	2	0.29	2	U	UG/L
	1227BLKA52		LB	2511390	Carbon tetrachloride	12/27/2008	1	0.33	1	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	1227BLKA52	WATER	LB	2511390	Chlorobenzene	12/27/2008	1	0.18	1	U	UG/L
	1227BLKA52		LB	2511390	Chloroethane	12/27/2008	2	0.99	2	U	UG/L
	1227BLKA52		LB	2511390	Chloroform	12/27/2008	1	0.29	1	U	UG/L
	1227BLKA52		LB	2511390	Chloromethane	12/27/2008	2	0.68	2	U	UG/L
	1227BLKA52		LB	2511390	cis-1,2-Dichloroethene	12/27/2008	1	0.29	1	U	UG/L
	1227BLKA52		LB	2511390	cis-1,3-Dichloropropene	12/27/2008	1	0.23	1	U	UG/L
	1227BLKA52		LB	2511390	Dibromochloromethane	12/27/2008	1	0.34	1	U	UG/L
	1227BLKA52		LB	2511390	Dibromomethane	12/27/2008	1.1	0.53	1.1	U	UG/L
	1227BLKA52		LB	2511390	Dichlorodifluoromethane	12/27/2008	2	0.19	2	U	UG/L
	1227BLKA52		LB	2511390	Ethylbenzene	12/27/2008	1	0.43	1	U	UG/L
	1227BLKA52		LB	2511390	Hexachlorobutadiene	12/27/2008	1	0.4	1	U	UG/L
	1227BLKA52		LB	2511390	Isopropylbenzene	12/27/2008	1	0.41	1	U	UG/L
	1227BLKA52		LB	2511390	m,p-Xylene	12/27/2008	2	0.27	2	U	UG/L
	1227BLKA52		LB	2511390	Methyl tert-butyl ether (MTBE)	12/27/2008	5	0.26	5	U	UG/L
	1227BLKA52		LB	2511390	Methylene chloride	12/27/2008	5	0.52	5	U	UG/L
	1227BLKA52		LB	2511390	Naphthalene	12/27/2008	1	0.32	1	U	UG/L
	1227BLKA52		LB	2511390	n-Butylbenzene	12/27/2008	1	0.22	1	U	UG/L
	1227BLKA52		LB	2511390	n-Propylbenzene	12/27/2008	1	0.28	1	U	UG/L
	1227BLKA52		LB	2511390	o-Xylene	12/27/2008	1	0.2	1	U	UG/L
	1227BLKA52		LB	2511390	p-Isopropyltoluene	12/27/2008	1	0.24	1	U	UG/L
	1227BLKA52		LB	2511390	sec-Butylbenzene	12/27/2008	1	0.2	1	U	UG/L
	1227BLKA52		LB	2511390	Styrene	12/27/2008	1	0.2	1	U	UG/L
	1227BLKA52		LB	2511390	tert-Butylbenzene	12/27/2008	1	0.28	1	U	UG/L
	1227BLKA52		LB	2511390	Tetrachloroethene	12/27/2008	1	0.35	1	U	UG/L
	1227BLKA52		LB	2511390	Toluene	12/27/2008	1	0.22	1	U	UG/L
	1227BLKA52		LB	2511390	Trans-1,2-Dichloroethene	12/27/2008	1	0.23	1	U	UG/L
	1227BLKA52		LB	2511390	trans-1,3-Dichloropropene	12/27/2008	1	0.15	1	U	UG/L
	1227BLKA52		LB	2511390	Trichloroethene	12/27/2008	1	0.42	1	U	UG/L
	1227BLKA52		LB	2511390	Trichlorofluoromethane	12/27/2008	2	0.25	2	U	UG/L
	1227BLKA52		LB	2511390	Vinyl Chloride	12/27/2008	1	0.28	1	U	UG/L
	1227BLKA52		LB	2511390	Xylenes, Total	12/27/2008	3	0.27	3	U	UG/L
	ST106-TB-08102008		TB	2510568	1,1,1,2-Tetrachloroethane	10/17/2008	1	0.25	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,1,1-Trichloroethane	10/17/2008	1	0.16	1	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-08102008	WATER	TB	2510568	1,1,2,2-Tetrachloroethane	10/17/2008	1	0.26	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,1,2-Trichloroethane	10/17/2008	1	0.28	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,1-Dichloroethane	10/17/2008	1	0.22	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,1-Dichloroethene	10/17/2008	1	0.24	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,1-Dichloropropene	10/17/2008	1	0.19	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,2,3-Trichlorobenzene	10/17/2008	1.2	0.61	1.2	U	UG/L
	ST106-TB-08102008		TB	2510568	1,2,3-Trichloropropane	10/17/2008	1.5	0.76	1.5	U	UG/L
	ST106-TB-08102008		TB	2510568	1,2,4-Trichlorobenzene	10/17/2008	1	0.5	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,2,4-Trimethylbenzene	10/17/2008	1	0.17	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,2-Dibromo-3-chloropropane	10/17/2008	5	1.4	5	U	UG/L
	ST106-TB-08102008		TB	2510568	1,2-Dibromoethane	10/17/2008	1	0.33	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,2-Dichlorobenzene	10/17/2008	1	0.26	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,2-Dichloroethane	10/17/2008	1	0.4	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,2-Dichloropropane	10/17/2008	1	0.27	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,3,5-Trimethylbenzene	10/17/2008	1	0.22	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,3-Dichlorobenzene	10/17/2008	1	0.14	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,3-Dichloropropane	10/17/2008	1	0.19	1	U	UG/L
	ST106-TB-08102008		TB	2510568	1,4-Dichlorobenzene	10/17/2008	1	0.24	1	U	UG/L
	ST106-TB-08102008		TB	2510568	2,2-Dichloropropane	10/17/2008	5	0.32	5	U	UG/L
	ST106-TB-08102008		TB	2510568	2-Butanone	10/17/2008	6	1	6	U	UG/L
	ST106-TB-08102008		TB	2510568	2-Chlorotoluene	10/17/2008	1	0.32	1	U	UG/L
	ST106-TB-08102008		TB	2510568	2-Hexanone	10/17/2008	5	0.8	5	U	UG/L
	ST106-TB-08102008		TB	2510568	4-Chlorotoluene	10/17/2008	1	0.12	1	U	UG/L
	ST106-TB-08102008		TB	2510568	4-Methyl-2-Pentanone	10/17/2008	5	0.61	5	U	UG/L
	ST106-TB-08102008		TB	2510568	Acetone	10/17/2008	10	3.6	10	U	UG/L
	ST106-TB-08102008		TB	2510568	Benzene	10/17/2008	1	0.16	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Bromobenzene	10/17/2008	1	0.27	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Bromochloromethane	10/17/2008	1	0.38	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Bromodichloromethane	10/17/2008	1	0.15	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Bromoform	10/17/2008	1	0.35	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Bromomethane	10/17/2008	2	0.76	2	U	UG/L
	ST106-TB-08102008		TB	2510568	Carbon disulfide	10/17/2008	2	0.29	2	U	UG/L
	ST106-TB-08102008		TB	2510568	Carbon tetrachloride	10/17/2008	1	0.33	1	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-08102008	WATER	TB	2510568	Chlorobenzene	10/17/2008	1	0.18	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Chloroethane	10/17/2008	2	0.99	2	U	UG/L
	ST106-TB-08102008		TB	2510568	Chloroform	10/17/2008	1	0.29	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Chloromethane	10/17/2008	2	0.68	2	U	UG/L
	ST106-TB-08102008		TB	2510568	cis-1,2-Dichloroethene	10/17/2008	1	0.29	1	U	UG/L
	ST106-TB-08102008		TB	2510568	cis-1,3-Dichloropropene	10/17/2008	1	0.23	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Dibromochloromethane	10/17/2008	1	0.34	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Dibromomethane	10/17/2008	1.1	0.53	1.1	U	UG/L
	ST106-TB-08102008		TB	2510568	Dichlorodifluoromethane	10/17/2008	2	0.19	2	U	UG/L
	ST106-TB-08102008		TB	2510568	Ethylbenzene	10/17/2008	1	0.43	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Hexachlorobutadiene	10/17/2008	1	0.4	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Isopropylbenzene	10/17/2008	1	0.41	1	U	UG/L
	ST106-TB-08102008		TB	2510568	m,p-Xylene	10/17/2008	2	0.27	2	U	UG/L
	ST106-TB-08102008		TB	2510568	Methyl tert-butyl ether (MTBE)	10/17/2008	5	0.26	5	U	UG/L
	ST106-TB-08102008		TB	2510568	Methylene chloride	10/17/2008	5	0.52	5	U	UG/L
	ST106-TB-08102008		TB	2510568	Naphthalene	10/17/2008	1	0.32	1	U	UG/L
	ST106-TB-08102008		TB	2510568	n-Butylbenzene	10/17/2008	1	0.22	1	U	UG/L
	ST106-TB-08102008		TB	2510568	n-Propylbenzene	10/17/2008	1	0.28	1	U	UG/L
	ST106-TB-08102008		TB	2510568	o-Xylene	10/17/2008	1	0.2	1	U	UG/L
	ST106-TB-08102008		TB	2510568	p-Isopropyltoluene	10/17/2008	1	0.24	1	U	UG/L
	ST106-TB-08102008		TB	2510568	sec-Butylbenzene	10/17/2008	1	0.2	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Styrene	10/17/2008	1	0.2	1	U	UG/L
	ST106-TB-08102008		TB	2510568	tert-Butylbenzene	10/17/2008	1	0.28	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Tetrachloroethene	10/17/2008	1	0.35	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Toluene	10/17/2008	1	0.22	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Trans-1,2-Dichloroethene	10/17/2008	1	0.23	1	U	UG/L
	ST106-TB-08102008		TB	2510568	trans-1,3-Dichloropropene	10/17/2008	1	0.15	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Trichloroethene	10/17/2008	1	0.42	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Trichlorofluoromethane	10/17/2008	2	0.25	2	U	UG/L
	ST106-TB-08102008		TB	2510568	Vinyl Chloride	10/17/2008	1	0.28	1	U	UG/L
	ST106-TB-08102008		TB	2510568	Xylenes, Total	10/17/2008	3	0.27	3	U	UG/L
	ST106-TB-09102008		TB	2510575	1,1,1,2-Tetrachloroethane	10/17/2008	1	0.25	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,1,1-Trichloroethane	10/17/2008	1	0.16	1	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-09102008	WATER	TB	2510575	1,1,2,2-Tetrachloroethane	10/17/2008	1	0.26	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,1,2-Trichloroethane	10/17/2008	1	0.28	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,1-Dichloroethane	10/17/2008	1	0.22	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,1-Dichloroethene	10/17/2008	1	0.24	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,1-Dichloropropene	10/17/2008	1	0.19	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,2,3-Trichlorobenzene	10/17/2008	1.2	0.61	1.2	U	UG/L
	ST106-TB-09102008		TB	2510575	1,2,3-Trichloropropane	10/17/2008	1.5	0.76	1.5	U	UG/L
	ST106-TB-09102008		TB	2510575	1,2,4-Trichlorobenzene	10/17/2008	1	0.5	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,2,4-Trimethylbenzene	10/17/2008	1	0.17	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,2-Dibromo-3-chloropropane	10/17/2008	5	1.4	5	U	UG/L
	ST106-TB-09102008		TB	2510575	1,2-Dibromoethane	10/17/2008	1	0.33	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,2-Dichlorobenzene	10/17/2008	1	0.26	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,2-Dichloroethane	10/17/2008	1	0.4	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,2-Dichloropropane	10/17/2008	1	0.27	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,3,5-Trimethylbenzene	10/17/2008	1	0.22	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,3-Dichlorobenzene	10/17/2008	1	0.14	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,3-Dichloropropane	10/17/2008	1	0.19	1	U	UG/L
	ST106-TB-09102008		TB	2510575	1,4-Dichlorobenzene	10/17/2008	1	0.24	1	U	UG/L
	ST106-TB-09102008		TB	2510575	2,2-Dichloropropane	10/17/2008	5	0.32	5	U	UG/L
	ST106-TB-09102008		TB	2510575	2-Butanone	10/17/2008	6	1	6	U	UG/L
	ST106-TB-09102008		TB	2510575	2-Chlorotoluene	10/17/2008	1	0.32	1	U	UG/L
	ST106-TB-09102008		TB	2510575	2-Hexanone	10/17/2008	5	0.8	5	U	UG/L
	ST106-TB-09102008		TB	2510575	4-Chlorotoluene	10/17/2008	1	0.12	1	U	UG/L
	ST106-TB-09102008		TB	2510575	4-Methyl-2-Pentanone	10/17/2008	5	0.61	5	U	UG/L
	ST106-TB-09102008		TB	2510575	Acetone	10/17/2008	10	3.6	10	U	UG/L
	ST106-TB-09102008		TB	2510575	Benzene	10/17/2008	1	0.16	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Bromobenzene	10/17/2008	1	0.27	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Bromochloromethane	10/17/2008	1	0.38	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Bromodichloromethane	10/17/2008	1	0.15	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Bromoform	10/17/2008	1	0.35	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Bromomethane	10/17/2008	2	0.76	2	U	UG/L
	ST106-TB-09102008		TB	2510575	Carbon disulfide	10/17/2008	2	0.29	2	U	UG/L
	ST106-TB-09102008		TB	2510575	Carbon tetrachloride	10/17/2008	1	0.33	1	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-09102008	WATER	TB	2510575	Chlorobenzene	10/17/2008	1	0.18	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Chloroethane	10/17/2008	2	0.99	2	U	UG/L
	ST106-TB-09102008		TB	2510575	Chloroform	10/17/2008	1	0.29	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Chloromethane	10/17/2008	2	0.68	2	U	UG/L
	ST106-TB-09102008		TB	2510575	cis-1,2-Dichloroethene	10/17/2008	1	0.29	1	U	UG/L
	ST106-TB-09102008		TB	2510575	cis-1,3-Dichloropropene	10/17/2008	1	0.23	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Dibromochloromethane	10/17/2008	1	0.34	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Dibromomethane	10/17/2008	1.1	0.53	1.1	U	UG/L
	ST106-TB-09102008		TB	2510575	Dichlorodifluoromethane	10/17/2008	2	0.19	2	U	UG/L
	ST106-TB-09102008		TB	2510575	Ethylbenzene	10/17/2008	1	0.43	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Hexachlorobutadiene	10/17/2008	1	0.4	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Isopropylbenzene	10/17/2008	1	0.41	1	U	UG/L
	ST106-TB-09102008		TB	2510575	m,p-Xylene	10/17/2008	2	0.27	2	U	UG/L
	ST106-TB-09102008		TB	2510575	Methyl tert-butyl ether (MTBE)	10/17/2008	5	0.26	5	U	UG/L
	ST106-TB-09102008		TB	2510575	Methylene chloride	10/17/2008	5	0.52	5	U	UG/L
	ST106-TB-09102008		TB	2510575	Naphthalene	10/17/2008	1	0.32	1	U	UG/L
	ST106-TB-09102008		TB	2510575	n-Butylbenzene	10/17/2008	1	0.22	1	U	UG/L
	ST106-TB-09102008		TB	2510575	n-Propylbenzene	10/17/2008	1	0.28	1	U	UG/L
	ST106-TB-09102008		TB	2510575	o-Xylene	10/17/2008	1	0.2	1	U	UG/L
	ST106-TB-09102008		TB	2510575	p-Isopropyltoluene	10/17/2008	1	0.24	1	U	UG/L
	ST106-TB-09102008		TB	2510575	sec-Butylbenzene	10/17/2008	1	0.2	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Styrene	10/17/2008	1	0.2	1	U	UG/L
	ST106-TB-09102008		TB	2510575	tert-Butylbenzene	10/17/2008	1	0.28	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Tetrachloroethene	10/17/2008	1	0.35	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Toluene	10/17/2008	1	0.22	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Trans-1,2-Dichloroethene	10/17/2008	1	0.23	1	U	UG/L
	ST106-TB-09102008		TB	2510575	trans-1,3-Dichloropropene	10/17/2008	1	0.15	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Trichloroethene	10/17/2008	1	0.42	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Trichlorofluoromethane	10/17/2008	2	0.25	2	U	UG/L
	ST106-TB-09102008		TB	2510575	Vinyl Chloride	10/17/2008	1	0.28	1	U	UG/L
	ST106-TB-09102008		TB	2510575	Xylenes, Total	10/17/2008	3	0.27	3	U	UG/L
	ST106-TB-23122008		TB	2511390	1,1,1,2-Tetrachloroethane	12/27/2008	1	0.25	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,1,1-Trichloroethane	12/27/2008	1	0.16	1	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-23122008	WATER	TB	2511390	1,1,2,2-Tetrachloroethane	12/27/2008	1	0.26	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,1,2-Trichloroethane	12/27/2008	1	0.28	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,1-Dichloroethane	12/27/2008	1	0.22	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,1-Dichloroethene	12/27/2008	1	0.24	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,1-Dichloropropene	12/27/2008	1	0.19	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,2,3-Trichlorobenzene	12/27/2008	1.2	0.61	1.2	U	UG/L
	ST106-TB-23122008		TB	2511390	1,2,3-Trichloropropane	12/27/2008	1.5	0.76	1.5	U	UG/L
	ST106-TB-23122008		TB	2511390	1,2,4-Trichlorobenzene	12/27/2008	1	0.5	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,2,4-Trimethylbenzene	12/27/2008	1	0.17	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,2-Dibromo-3-chloropropane	12/27/2008	5	1.4	5	U	UG/L
	ST106-TB-23122008		TB	2511390	1,2-Dibromoethane	12/27/2008	1	0.33	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,2-Dichlorobenzene	12/27/2008	1	0.26	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,2-Dichloroethane	12/27/2008	1	0.4	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,2-Dichloropropane	12/27/2008	1	0.27	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,3,5-Trimethylbenzene	12/27/2008	1	0.22	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,3-Dichlorobenzene	12/27/2008	1	0.14	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,3-Dichloropropane	12/27/2008	1	0.19	1	U	UG/L
	ST106-TB-23122008		TB	2511390	1,4-Dichlorobenzene	12/27/2008	1	0.24	1	U	UG/L
	ST106-TB-23122008		TB	2511390	2,2-Dichloropropane	12/27/2008	5	0.32	5	U	UG/L
	ST106-TB-23122008		TB	2511390	2-Butanone	12/27/2008	6	1	6	U	UG/L
	ST106-TB-23122008		TB	2511390	2-Chlorotoluene	12/27/2008	1	0.32	1	U	UG/L
	ST106-TB-23122008		TB	2511390	2-Hexanone	12/27/2008	5	0.8	5	U	UG/L
	ST106-TB-23122008		TB	2511390	4-Chlorotoluene	12/27/2008	1	0.12	1	U	UG/L
	ST106-TB-23122008		TB	2511390	4-Methyl-2-Pentanone	12/27/2008	5	0.61	5	U	UG/L
	ST106-TB-23122008		TB	2511390	Acetone	12/27/2008	10	3.6	10	U	UG/L
	ST106-TB-23122008		TB	2511390	Benzene	12/27/2008	1	0.16	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Bromobenzene	12/27/2008	1	0.27	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Bromochloromethane	12/27/2008	1	0.38	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Bromodichloromethane	12/27/2008	1	0.15	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Bromoform	12/27/2008	1	0.35	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Bromomethane	12/27/2008	2	0.76	2	U	UG/L
	ST106-TB-23122008		TB	2511390	Carbon disulfide	12/27/2008	2	0.29	2	U	UG/L
	ST106-TB-23122008		TB	2511390	Carbon tetrachloride	12/27/2008	1	0.33	1	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-23122008	WATER	TB	2511390	Chlorobenzene	12/27/2008	1	0.18	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Chloroethane	12/27/2008	2	0.99	2	U	UG/L
	ST106-TB-23122008		TB	2511390	Chloroform	12/27/2008	1	0.29	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Chloromethane	12/27/2008	2	0.68	2	U	UG/L
	ST106-TB-23122008		TB	2511390	cis-1,2-Dichloroethene	12/27/2008	1	0.29	1	U	UG/L
	ST106-TB-23122008		TB	2511390	cis-1,3-Dichloropropene	12/27/2008	1	0.23	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Dibromochloromethane	12/27/2008	1	0.34	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Dibromomethane	12/27/2008	1.1	0.53	1.1	U	UG/L
	ST106-TB-23122008		TB	2511390	Dichlorodifluoromethane	12/27/2008	2	0.19	2	U	UG/L
	ST106-TB-23122008		TB	2511390	Ethylbenzene	12/27/2008	1	0.43	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Hexachlorobutadiene	12/27/2008	1	0.4	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Isopropylbenzene	12/27/2008	1	0.41	1	U	UG/L
	ST106-TB-23122008		TB	2511390	m,p-Xylene	12/27/2008	2	0.27	2	U	UG/L
	ST106-TB-23122008		TB	2511390	Methyl tert-butyl ether (MTBE)	12/27/2008	5	0.26	5	U	UG/L
	ST106-TB-23122008		TB	2511390	Methylene chloride	12/27/2008	5	0.52	5	U	UG/L
	ST106-TB-23122008		TB	2511390	Naphthalene	12/27/2008	1	0.32	1	U	UG/L
	ST106-TB-23122008		TB	2511390	n-Butylbenzene	12/27/2008	1	0.22	1	U	UG/L
	ST106-TB-23122008		TB	2511390	n-Propylbenzene	12/27/2008	1	0.28	1	U	UG/L
	ST106-TB-23122008		TB	2511390	o-Xylene	12/27/2008	1	0.2	1	U	UG/L
	ST106-TB-23122008		TB	2511390	p-Isopropyltoluene	12/27/2008	1	0.24	1	U	UG/L
	ST106-TB-23122008		TB	2511390	sec-Butylbenzene	12/27/2008	1	0.2	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Styrene	12/27/2008	1	0.2	1	U	UG/L
	ST106-TB-23122008		TB	2511390	tert-Butylbenzene	12/27/2008	1	0.28	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Tetrachloroethene	12/27/2008	1	0.35	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Toluene	12/27/2008	1	0.22	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Trans-1,2-Dichloroethene	12/27/2008	1	0.23	1	U	UG/L
	ST106-TB-23122008		TB	2511390	trans-1,3-Dichloropropene	12/27/2008	1	0.15	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Trichloroethene	12/27/2008	1	0.42	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Trichlorofluoromethane	12/27/2008	2	0.25	2	U	UG/L
	ST106-TB-23122008		TB	2511390	Vinyl Chloride	12/27/2008	1	0.28	1	U	UG/L
	ST106-TB-23122008		TB	2511390	Xylenes, Total	12/27/2008	3	0.27	3	U	UG/L
SW8270C											
	5163BLK	WATER	LB	2510568	1,2-Dichlorobenzene	10/17/2008	10	2.6	10	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	5163BLK	WATER	LB	2510575	1,2-Dichlorobenzene	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510568	1,3-Dinitrobenzene	10/17/2008	10	2.5	10	U	UG/L
	5163BLK		LB	2510575	1,3-Dinitrobenzene	10/17/2008	10	2.5	10	U	UG/L
	5163BLK		LB	2510575	2,4,5-Trichlorophenol	10/17/2008	20	3.4	20	U	UG/L
	5163BLK		LB	2510568	2,4,5-Trichlorophenol	10/17/2008	20	3.4	20	U	UG/L
	5163BLK		LB	2510575	2,4,6-Trichlorophenol	10/17/2008	20	3.6	20	U	UG/L
	5163BLK		LB	2510568	2,4,6-Trichlorophenol	10/17/2008	20	3.6	20	U	UG/L
	5163BLK		LB	2510575	2,4-Dimethylphenol	10/17/2008	10	2.3	10	U	UG/L
	5163BLK		LB	2510568	2,4-Dimethylphenol	10/17/2008	10	2.3	10	U	UG/L
	5163BLK		LB	2510575	2,4-Dinitrophenol	10/17/2008	60	5.6	60	U	UG/L
	5163BLK		LB	2510568	2,4-Dinitrophenol	10/17/2008	60	5.6	60	U	UG/L
	5163BLK		LB	2510575	2,4-Dinitrotoluene	10/17/2008	20	2.8	20	U	UG/L
	5163BLK		LB	2510568	2,4-Dinitrotoluene	10/17/2008	20	2.8	20	U	UG/L
	5163BLK		LB	2510575	2,6-Dinitrotoluene	10/17/2008	20	2.8	20	U	UG/L
	5163BLK		LB	2510568	2,6-Dinitrotoluene	10/17/2008	20	2.8	20	U	UG/L
	5163BLK		LB	2510568	2-Chloronaphthalene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510575	2-Chloronaphthalene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510575	2-Chlorophenol	10/17/2008	10	2.9	10	U	UG/L
	5163BLK		LB	2510568	2-Chlorophenol	10/17/2008	10	2.9	10	U	UG/L
	5163BLK		LB	2510575	2-Methylnaphthalene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510568	2-Methylnaphthalene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510568	2-Methylphenol	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510575	2-Methylphenol	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510575	2-Nitroaniline	10/17/2008	50	3	50	U	UG/L
	5163BLK		LB	2510568	2-Nitroaniline	10/17/2008	50	3	50	U	UG/L
	5163BLK		LB	2510575	2-Nitrophenol	10/17/2008	20	3.4	20	U	UG/L
	5163BLK		LB	2510568	2-Nitrophenol	10/17/2008	20	3.4	20	U	UG/L
	5163BLK		LB	2510575	3,3'-Dichlorobenzidine	10/17/2008	20	2.7	20	U	UG/L
	5163BLK		LB	2510568	3,3'-Dichlorobenzidine	10/17/2008	20	2.7	20	U	UG/L
	5163BLK		LB	2510575	3-Nitroaniline	10/17/2008	50	2.8	50	U	UG/L
	5163BLK		LB	2510568	3-Nitroaniline	10/17/2008	50	2.8	50	U	UG/L
	5163BLK		LB	2510575	4,6-Dinitro-2-methylphenol	10/17/2008	60	3.3	60	U	UG/L
	5163BLK		LB	2510568	4,6-Dinitro-2-methylphenol	10/17/2008	60	3.3	60	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	5163BLK	WATER	LB	2510568	4-Bromophenyl phenyl ether	10/17/2008	10	2.3	10	U	UG/L
	5163BLK		LB	2510575	4-Bromophenyl phenyl ether	10/17/2008	10	2.3	10	U	UG/L
	5163BLK		LB	2510575	4-Chloro-3-methylphenol	10/17/2008	20	2.7	20	U	UG/L
	5163BLK		LB	2510568	4-Chloro-3-methylphenol	10/17/2008	20	2.7	20	U	UG/L
	5163BLK		LB	2510575	4-Chloroaniline	10/17/2008	20	3	20	U	UG/L
	5163BLK		LB	2510568	4-Chloroaniline	10/17/2008	20	3	20	U	UG/L
	5163BLK		LB	2510568	4-Chlorophenyl phenyl ether	10/17/2008	10	2.5	10	U	UG/L
	5163BLK		LB	2510575	4-Chlorophenyl phenyl ether	10/17/2008	10	2.5	10	U	UG/L
	5163BLK		LB	2510568	4-Methylphenol	10/17/2008	20	6.1	20	U	UG/L
	5163BLK		LB	2510575	4-Methylphenol	10/17/2008	20	6.1	20	U	UG/L
	5163BLK		LB	2510568	4-Nitroaniline	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510575	4-Nitroaniline	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510568	4-Nitrophenol	10/17/2008	50	2.9	50	U	UG/L
	5163BLK		LB	2510575	4-Nitrophenol	10/17/2008	50	2.9	50	U	UG/L
	5163BLK		LB	2510575	Acenaphthene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510568	Acenaphthene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510568	Acenaphthylene	10/17/2008	10	3	10	U	UG/L
	5163BLK		LB	2510575	Acenaphthylene	10/17/2008	10	3	10	U	UG/L
	5163BLK		LB	2510568	Anthracene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510575	Anthracene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510575	Benzidine	10/17/2008	150	20	150	U	UG/L
	5163BLK		LB	2510568	Benzidine	10/17/2008	150	20	150	U	UG/L
	5163BLK		LB	2510575	Benzo (a) pyrene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510568	Benzo (a) pyrene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510568	Benzo (b) fluoranthene	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510575	Benzo (b) fluoranthene	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510568	Benzo (g,h,i) perylene	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510575	Benzo (g,h,i) perylene	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510575	Benzo(a)anthracene	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510568	Benzo(a)anthracene	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510575	Benzo(k)fluoranthene	10/17/2008	10	2.9	10	U	UG/L
	5163BLK		LB	2510568	Benzo(k)fluoranthene	10/17/2008	10	2.9	10	U	UG/L
	5163BLK		LB	2510568	Benzoic acid	10/17/2008	60	14	60	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	5163BLK	WATER	LB	2510575	Benzoic acid	10/17/2008	60	14	60	U	UG/L
	5163BLK		LB	2510568	Bis (2-chloroethoxy) methane	10/17/2008	10	3.5	10	U	UG/L
	5163BLK		LB	2510575	Bis (2-chloroethoxy) methane	10/17/2008	10	3.5	10	U	UG/L
	5163BLK		LB	2510568	Bis (2-chloroethyl) ether	10/17/2008	10	3	10	U	UG/L
	5163BLK		LB	2510575	Bis (2-chloroethyl) ether	10/17/2008	10	3	10	U	UG/L
	5163BLK		LB	2510568	Bis (2-ethylhexyl) phthalate	10/17/2008	10	4.4	10	U	UG/L
	5163BLK		LB	2510575	Bis (2-ethylhexyl) phthalate	10/17/2008	10	4.4	10	U	UG/L
	5163BLK		LB	2510575	Butyl benzylphthalate	10/17/2008	20	3	20	U	UG/L
	5163BLK		LB	2510568	Butyl benzylphthalate	10/17/2008	20	3	20	U	UG/L
	5163BLK		LB	2510568	Chrysene	10/17/2008	10	2.9	10	U	UG/L
	5163BLK		LB	2510575	Chrysene	10/17/2008	10	2.9	10	U	UG/L
	5163BLK		LB	2510568	Dibenzo (a,h) anthracene	10/17/2008	10	2.7	10	U	UG/L
	5163BLK		LB	2510575	Dibenzo (a,h) anthracene	10/17/2008	10	2.7	10	U	UG/L
	5163BLK		LB	2510575	Dibenzofuran	10/17/2008	10	2.7	10	U	UG/L
	5163BLK		LB	2510568	Dibenzofuran	10/17/2008	10	2.7	10	U	UG/L
	5163BLK		LB	2510575	Diethyl phthalate	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510568	Diethyl phthalate	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510568	Dimethyl phthalate	10/17/2008	10	3	10	U	UG/L
	5163BLK		LB	2510575	Dimethyl phthalate	10/17/2008	10	3	10	U	UG/L
	5163BLK		LB	2510575	Di-n-butylphthalate	10/17/2008	20	2.9	20	U	UG/L
	5163BLK		LB	2510568	Di-n-butylphthalate	10/17/2008	20	2.9	20	U	UG/L
	5163BLK		LB	2510575	Di-n-octylphthalate	10/17/2008	20	2.8	20	U	UG/L
	5163BLK		LB	2510568	Di-n-octylphthalate	10/17/2008	20	2.8	20	U	UG/L
	5163BLK		LB	2510575	Fluoranthene	10/17/2008	20	2.8	20	U	UG/L
	5163BLK		LB	2510568	Fluoranthene	10/17/2008	20	2.8	20	U	UG/L
	5163BLK		LB	2510568	Fluorene	10/17/2008	10	2.9	10	U	UG/L
	5163BLK		LB	2510575	Fluorene	10/17/2008	10	2.9	10	U	UG/L
	5163BLK		LB	2510575	Hexachlorobenzene	10/17/2008	10	0.41	10	U	UG/L
	5163BLK		LB	2510568	Hexachlorobenzene	10/17/2008	10	0.41	10	U	UG/L
	5163BLK		LB	2510575	Hexachlorobutadiene	10/17/2008	10	2.5	10	U	UG/L
	5163BLK		LB	2510568	Hexachlorobutadiene	10/17/2008	10	2.5	10	U	UG/L
	5163BLK		LB	2510568	Hexachlorocyclopentadiene	10/17/2008	10	2.2	10	U	UG/L
	5163BLK		LB	2510575	Hexachlorocyclopentadiene	10/17/2008	10	2.2	10	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	5163BLK	WATER	LB	2510568	Hexachloroethane	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510575	Hexachloroethane	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510575	Indeno(1,2,3-cd)pyrene	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510568	Indeno(1,2,3-cd)pyrene	10/17/2008	10	2.6	10	U	UG/L
	5163BLK		LB	2510575	Naphthalene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510568	Naphthalene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510575	Nitrobenzene	10/17/2008	20	2.8	20	U	UG/L
	5163BLK		LB	2510568	Nitrobenzene	10/17/2008	20	2.8	20	U	UG/L
	5163BLK		LB	2510568	n-Nitrosodi-n-propylamine	10/17/2008	20	3	20	U	UG/L
	5163BLK		LB	2510575	n-Nitrosodi-n-propylamine	10/17/2008	20	3	20	U	UG/L
	5163BLK		LB	2510575	n-Nitrosodiphenylamine	10/17/2008	10	3.4	10	U	UG/L
	5163BLK		LB	2510568	n-Nitrosodiphenylamine	10/17/2008	10	3.4	10	U	UG/L
	5163BLK		LB	2510575	Pentachlorophenol	10/17/2008	60	2.6	60	U	UG/L
	5163BLK		LB	2510568	Pentachlorophenol	10/17/2008	60	2.6	60	U	UG/L
	5163BLK		LB	2510575	Phenanthrene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510568	Phenanthrene	10/17/2008	10	2.8	10	U	UG/L
	5163BLK		LB	2510575	Phenol	10/17/2008	10	1.7	10	U	UG/L
	5163BLK		LB	2510568	Phenol	10/17/2008	10	1.7	10	U	UG/L
	5163BLK		LB	2510568	Pyrene	10/17/2008	10	2.9	10	U	UG/L
	5163BLK		LB	2510575	Pyrene	10/17/2008	10	2.9	10	U	UG/L
	5577BLK		LB	2511390	1,2-Dichlorobenzene	1/2/2009	10	2.6	10	U	UG/L
	5577BLK		LB	2511390	1,3-Dinitrobenzene	1/2/2009	10	2.5	10	U	UG/L
	5577BLK		LB	2511390	2,4,5-Trichlorophenol	1/2/2009	20	3.4	20	U	UG/L
	5577BLK		LB	2511390	2,4,6-Trichlorophenol	1/2/2009	20	3.6	20	U	UG/L
	5577BLK		LB	2511390	2,4-Dimethylphenol	1/2/2009	10	2.3	10	U	UG/L
	5577BLK		LB	2511390	2,4-Dinitrophenol	1/2/2009	60	5.6	60	U	UG/L
	5577BLK		LB	2511390	2,4-Dinitrotoluene	1/2/2009	20	2.8	20	U	UG/L
	5577BLK		LB	2511390	2,6-Dinitrotoluene	1/2/2009	20	2.8	20	U	UG/L
	5577BLK		LB	2511390	2-Chloronaphthalene	1/2/2009	10	2.8	10	U	UG/L
	5577BLK		LB	2511390	2-Chlorophenol	1/2/2009	10	2.9	10	U	UG/L
	5577BLK		LB	2511390	2-Methylnaphthalene	1/2/2009	10	2.8	10	U	UG/L
	5577BLK		LB	2511390	2-Methylphenol	1/2/2009	10	2.6	10	U	UG/L
	5577BLK		LB	2511390	2-Nitroaniline	1/2/2009	50	3	50	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	5577BLK	WATER	LB	2511390	2-Nitrophenol	1/2/2009	20	3.4	20	U	UG/L
	5577BLK		LB	2511390	3,3'-Dichlorobenzidine	1/2/2009	20	2.7	20	U	UG/L
	5577BLK		LB	2511390	3-Nitroaniline	1/2/2009	50	2.8	50	U	UG/L
	5577BLK		LB	2511390	4,6-Dinitro-2-methylphenol	1/2/2009	60	3.3	60	U	UG/L
	5577BLK		LB	2511390	4-Bromophenyl phenyl ether	1/2/2009	10	2.3	10	U	UG/L
	5577BLK		LB	2511390	4-Chloro-3-methylphenol	1/2/2009	20	2.7	20	U	UG/L
	5577BLK		LB	2511390	4-Chloroaniline	1/2/2009	20	3	20	U	UG/L
	5577BLK		LB	2511390	4-Chlorophenyl phenyl ether	1/2/2009	10	2.5	10	U	UG/L
	5577BLK		LB	2511390	4-Methylphenol	1/2/2009	20	6.1	20	U	UG/L
	5577BLK		LB	2511390	4-Nitroaniline	1/2/2009	10	2.8	10	U	UG/L
	5577BLK		LB	2511390	4-Nitrophenol	1/2/2009	50	2.9	50	U	UG/L
	5577BLK		LB	2511390	Acenaphthene	1/2/2009	10	2.8	10	U	UG/L
	5577BLK		LB	2511390	Acenaphthylene	1/2/2009	10	3	10	U	UG/L
	5577BLK		LB	2511390	Anthracene	1/2/2009	10	2.8	10	U	UG/L
	5577BLK		LB	2511390	Benzidine	1/2/2009	150	20	150	U	UG/L
	5577BLK		LB	2511390	Benzo (a) pyrene	1/2/2009	10	2.8	10	U	UG/L
	5577BLK		LB	2511390	Benzo (b) fluoranthene	1/2/2009	10	2.6	10	U	UG/L
	5577BLK		LB	2511390	Benzo (g,h,i) perylene	1/2/2009	10	2.6	10	U	UG/L
	5577BLK		LB	2511390	Benzo(a)anthracene	1/2/2009	10	2.6	10	U	UG/L
	5577BLK		LB	2511390	Benzo(k)fluoranthene	1/2/2009	10	2.9	10	U	UG/L
	5577BLK		LB	2511390	Benzoic acid	1/2/2009	60	14	60	U	UG/L
	5577BLK		LB	2511390	Bis (2-chloroethoxy) methane	1/2/2009	10	3.5	10	U	UG/L
	5577BLK		LB	2511390	Bis (2-chloroethyl) ether	1/2/2009	10	3	10	U	UG/L
	5577BLK		LB	2511390	Bis (2-ethylhexyl) phthalate	1/2/2009	10	4.4	10	U	UG/L
	5577BLK		LB	2511390	Butyl benzylphthalate	1/2/2009	20	3	20	U	UG/L
	5577BLK		LB	2511390	Chrysene	1/2/2009	10	2.9	10	U	UG/L
	5577BLK		LB	2511390	Dibenzo (a,h) anthracene	1/2/2009	10	2.7	10	U	UG/L
	5577BLK		LB	2511390	Dibenzofuran	1/2/2009	10	2.7	10	U	UG/L
	5577BLK		LB	2511390	Diethyl phthalate	1/2/2009	10	2.8	10	U	UG/L
	5577BLK		LB	2511390	Dimethyl phthalate	1/2/2009	10	3	10	U	UG/L
	5577BLK		LB	2511390	Di-n-butylphthalate	1/2/2009	20	2.9	20	U	UG/L
	5577BLK		LB	2511390	Di-n-octylphthalate	1/2/2009	20	2.8	20	U	UG/L
	5577BLK		LB	2511390	Fluoranthene	1/2/2009	20	2.8	20	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	5577BLK	WATER	LB	2511390	Fluorene	1/2/2009	10	2.9	10	U	UG/L
	5577BLK		LB	2511390	Hexachlorobenzene	1/2/2009	10	0.41	10	U	UG/L
	5577BLK		LB	2511390	Hexachlorobutadiene	1/2/2009	10	2.5	10	U	UG/L
	5577BLK		LB	2511390	Hexachlorocyclopentadiene	1/2/2009	10	2.2	10	U	UG/L
	5577BLK		LB	2511390	Hexachloroethane	1/2/2009	10	2.6	10	U	UG/L
	5577BLK		LB	2511390	Indeno(1,2,3-cd)pyrene	1/2/2009	10	2.6	10	U	UG/L
	5577BLK		LB	2511390	Naphthalene	1/2/2009	10	2.8	10	U	UG/L
	5577BLK		LB	2511390	Nitrobenzene	1/2/2009	20	2.8	20	U	UG/L
	5577BLK		LB	2511390	n-Nitrosodi-n-propylamine	1/2/2009	20	3	20	U	UG/L
	5577BLK		LB	2511390	n-Nitrosodiphenylamine	1/2/2009	10	3.4	10	U	UG/L
	5577BLK		LB	2511390	Pentachlorophenol	1/2/2009	60	2.6	60	U	UG/L
	5577BLK		LB	2511390	Phenanthrene	1/2/2009	10	2.8	10	U	UG/L
	5577BLK		LB	2511390	Phenol	1/2/2009	10	1.7	10	U	UG/L
	5577BLK		LB	2511390	Pyrene	1/2/2009	10	2.9	10	U	UG/L
SW8310											
	171MB	WATER	LB	2510568	1-Methylnaphthalene	10/16/2008	1	0.033	1	U	UG/L
	171MB		LB	2510575	1-Methylnaphthalene	10/16/2008	1	0.033	1	U	UG/L
	171MB		LB	2510575	2-Methylnaphthalene	10/16/2008	1	0.068	1	U	UG/L
	171MB		LB	2510568	2-Methylnaphthalene	10/16/2008	1	0.068	1	U	UG/L
	171MB		LB	2510575	Acenaphthene	10/16/2008	1	0.033	1	U	UG/L
	171MB		LB	2510568	Acenaphthene	10/16/2008	1	0.033	1	U	UG/L
	171MB		LB	2510568	Acenaphthylene	10/16/2008	1	0.028	1	U	UG/L
	171MB		LB	2510575	Acenaphthylene	10/16/2008	1	0.028	1	U	UG/L
	171MB		LB	2510568	Anthracene	10/16/2008	0.3	0.012	0.3	U	UG/L
	171MB		LB	2510575	Anthracene	10/16/2008	0.3	0.012	0.3	U	UG/L
	171MB		LB	2510575	Benzo (a) pyrene	10/16/2008	0.2	0.033	0.2	U	UG/L
	171MB		LB	2510568	Benzo (a) pyrene	10/16/2008	0.2	0.033	0.2	U	UG/L
	171MB		LB	2510575	Benzo (b) fluoranthene	10/16/2008	0.2	0.032	0.2	U	UG/L
	171MB		LB	2510568	Benzo (b) fluoranthene	10/16/2008	0.2	0.032	0.2	U	UG/L
	171MB		LB	2510575	Benzo (g,h,i) perylene	10/16/2008	0.2	0.029	0.2	U	UG/L
	171MB		LB	2510568	Benzo (g,h,i) perylene	10/16/2008	0.2	0.029	0.2	U	UG/L
	171MB		LB	2510575	Benzo(a)anthracene	10/16/2008	0.2	0.03	0.2	U	UG/L
	171MB		LB	2510568	Benzo(a)anthracene	10/16/2008	0.2	0.03	0.2	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	171MB	WATER	LB	2510575	Benzo(k)fluoranthene	10/16/2008	0.15	0.074	0.15	U	UG/L
	171MB		LB	2510568	Benzo(k)fluoranthene	10/16/2008	0.15	0.074	0.15	U	UG/L
	171MB		LB	2510575	Chrysene	10/16/2008	0.2	0.087	0.2	U	UG/L
	171MB		LB	2510568	Chrysene	10/16/2008	0.2	0.087	0.2	U	UG/L
	171MB		LB	2510568	Dibenzo (a,h) anthracene	10/16/2008	0.3	0.036	0.3	U	UG/L
	171MB		LB	2510575	Dibenzo (a,h) anthracene	10/16/2008	0.3	0.036	0.3	U	UG/L
	171MB		LB	2510568	Fluoranthene	10/16/2008	0.4	0.035	0.4	U	UG/L
	171MB		LB	2510575	Fluoranthene	10/16/2008	0.4	0.035	0.4	U	UG/L
	171MB		LB	2510575	Fluorene	10/16/2008	0.3	0.019	0.3	U	UG/L
	171MB		LB	2510568	Fluorene	10/16/2008	0.3	0.019	0.3	U	UG/L
	171MB		LB	2510575	Indeno(1,2,3-cd)pyrene	10/16/2008	0.2	0.02	0.2	U	UG/L
	171MB		LB	2510568	Indeno(1,2,3-cd)pyrene	10/16/2008	0.2	0.02	0.2	U	UG/L
	171MB		LB	2510575	Naphthalene	10/16/2008	1	0.042	1	U	UG/L
	171MB		LB	2510568	Naphthalene	10/16/2008	1	0.042	1	U	UG/L
	171MB		LB	2510568	Phenanthrene	10/16/2008	0.3	0.039	0.3	U	UG/L
	171MB		LB	2510575	Phenanthrene	10/16/2008	0.3	0.039	0.3	U	UG/L
	171MB		LB	2510568	Pyrene	10/16/2008	0.2	0.038	0.2	U	UG/L
	171MB		LB	2510575	Pyrene	10/16/2008	0.2	0.038	0.2	U	UG/L
	576MB		LB	2511390	1-Methylnaphthalene	12/31/2008	1	0.033	1	U	UG/L
	576MB		LB	2511390	2-Methylnaphthalene	12/31/2008	1	0.068	1	U	UG/L
	576MB		LB	2511390	Acenaphthene	12/31/2008	1	0.033	1	U	UG/L
	576MB		LB	2511390	Acenaphthylene	12/31/2008	1	0.028	1	U	UG/L
	576MB		LB	2511390	Anthracene	12/31/2008	0.3	0.012	0.3	U	UG/L
	576MB		LB	2511390	Benzo (a) pyrene	12/31/2008	0.2	0.033	0.2	U	UG/L
	576MB		LB	2511390	Benzo (b) fluoranthene	12/31/2008	0.2	0.032	0.2	U	UG/L
	576MB		LB	2511390	Benzo (g,h,i) perylene	12/31/2008	0.2	0.029	0.2	U	UG/L
	576MB		LB	2511390	Benzo(a)anthracene	12/31/2008	0.2	0.03	0.2	U	UG/L
	576MB		LB	2511390	Benzo(k)fluoranthene	12/31/2008	0.15	0.074	0.15	U	UG/L
	576MB		LB	2511390	Chrysene	12/31/2008	0.2	0.087	0.2	U	UG/L
	576MB		LB	2511390	Dibenzo (a,h) anthracene	12/31/2008	0.3	0.036	0.3	U	UG/L
	576MB		LB	2511390	Fluoranthene	12/31/2008	0.4	0.035	0.4	U	UG/L
	576MB		LB	2511390	Fluorene	12/31/2008	0.3	0.019	0.3	U	UG/L
	576MB		LB	2511390	Indeno(1,2,3-cd)pyrene	12/31/2008	0.2	0.02	0.2	U	UG/L

Table 6. Laboratory Control Samples Data Summary for Bulk Fuels Facility Investigation

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	576MB	WATER	LB	2511390	Naphthalene	12/31/2008	1	0.042	1	U	UG/L
	576MB		LB	2511390	Phenanthrene	12/31/2008	0.3	0.039	0.3	U	UG/L
	576MB		LB	2511390	Pyrene	12/31/2008	0.2	0.038	0.2	U	UG/L

*** Blank Type**

LB = Method Blank
EB = Equipment Blank
TB = Trip Blank

Qualifier Description
U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the reporting limit (RL).
J = The analyte was positively identified but the associated numerical value is below the reporting limit (RL).

THIS PAGE INTENTIONALLY LEFT BLANK

APPENDIX C

Attachment 4

PROJECT NAME	Bulk Fuels Facility and Adjacent Areas, Kirtland Air Force Base, Albuquerque, New Mexico
DATE	4/16/2009
HORIZONTAL DATUM	NORTH AMERICAN DATUM 83
PROJECTION	NEW MEXICO SPC CENTRAL ZONE 3002
VERTICAL DATUM	NORTH AMERICAN VERTICAL DATUM 88
UNITS	US SURVEY FEET
COMB. SCALE FACTOR	0.99965946

POINT	NORTHING	EASTING	NAVD88 ELEV.	NOTE
KAFB-6243	1457997.204	1555991.442	5423.55	SAMPLE POINT
20000	1457999.104	1555991.912		GROUND NORTH SIDE OF WELL
20001	1457997.414	1555991.432	5423.97	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-2627	1469876.298	1547246.351	5367.47	SAMPLE POINT
20002	1469878.287	1547246.381		GROUND NORTH SIDE OF WELL
20003	1469876.398	1547246.321	5368.46	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-2626	1469219.781	1545655.893	5357.51	SAMPLE POINT
20004	1469221.561	1545656.803		GROUND NORTH SIDE OF WELL
20005	1469219.921	1545656.033	5358.82	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-2625	1468574.061	1546157.962	5356.59	SAMPLE POINT
20006	1468576.431	1546158.112		GROUND NORTH SIDE OF WELL
20007	1468574.191	1546158.022	5357.82	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-10613	1474735.313	1541681.317	5350.45	SAMPLE POINT
20008	1474737.362	1541681.347		GROUND NORTH SIDE OF WELL
20009	1474735.642	1541681.327	5350.74	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-10612	1474039.809	1541489.482	5345.27	SAMPLE POINT
20010	1474041.809	1541489.422		GROUND NORTH SIDE OF WELL
20011	1474040.209	1541489.482	5345.54	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-1068	1473670.325	1542178.028	5353.45	SAMPLE POINT
20012	1473672.635	1542177.868		GROUND NORTH SIDE OF WELL
20013	1473670.825	1542177.908	5351.85	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-1066	1473296.183	1542158.125	5353.14	SAMPLE POINT
20014	1473298.292	1542158.065		GROUND NORTH SIDE OF WELL
20015	1473296.463	1542158.165	5351.58	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-1067	1472895.559	1542340.133	5349.54	SAMPLE POINT
20016	1472897.569	1542340.323		GROUND NORTH SIDE OF WELL
20017	1472895.729	1542340.133	5349.68	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-1061	1473582.415	1541359.936	5344.41	SAMPLE POINT
20018	1473583.715	1541359.667		GROUND NORTH SIDE OF WELL
20019	1473582.805	1541359.817	5345.01	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-10616	1473163.718	1540986.834	5342.3	SAMPLE POINT
20020	1473166.017	1540987.064		GROUND NORTH SIDE OF WELL
20021	1473164.088	1540986.894	5342.47	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-3411	1473383.013	1541245.276	5343.49	SAMPLE POINT
20022	1473384.523	1541245.575		GROUND NORTH SIDE OF WELL
20023	1473383.323	1541245.346	5343.66	TOP OF STEEL, NORTH SIDE
	0	0		

POINT	NORTHING	EASTING	NAVD88 ELEV.	NOTE
KAFB-1063	1474016.957	1540417.757	5339.71	SAMPLE POINT
20024	1474018.607	1540417.717		GROUND NORTH SIDE OF WELL
20025	1474017.187	1540417.727	5340.3	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-1062	1474008.94	1541049.712	5342	SAMPLE POINT
20026	1474011.189	1541050.012		GROUND NORTH SIDE OF WELL
20027	1474009.29	1541049.672	5342.2	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-10614	1474017.427	1542413.987	5350.08	SAMPLE POINT
20028	1474019.446	1542413.618		GROUND NORTH SIDE OF WELL
20029	1474017.777	1542413.937	5350.26	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-10611	1474019.826	1542812.822	5353.03	SAMPLE POINT
20030	1474021.856	1542812.782		GROUND NORTH SIDE OF WELL
20031	1474020.076	1542812.812	5353.2	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-10615	1476461.924	1545222.611	5342.44	SAMPLE POINT
20032	1476464.054	1545221.751		GROUND NORTH SIDE OF WELL
20033	1476461.914	1545222.601	5342.54	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-10618	1475430.346	1542425.963	5335.97	SAMPLE POINT
20034	1475432.445	1542426.403		GROUND NORTH SIDE OF WELL
20035	1475430.646	1542425.923	5336.32	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-10617	1475228.994	1542923.454	5342.51	SAMPLE POINT
20036	1475231.304	1542923.934		GROUND NORTH SIDE OF WELL
20037	1475229.244	1542923.474	5342.57	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-10619	1474712.8	1542975.256	5354.67	SAMPLE POINT
20038	1474714.91	1542975.806		GROUND NORTH SIDE OF WELL
20039	1474713.06	1542975.386	5354.75	TOP OF STEEL, NORTH SIDE
	0	0		
	0	0		
20050	1475369.407	1541868.993	5341.11	FLUSH WITH ASPH
KAFB-10620	1475368.407	1541868.993	5340.75	SAMPLE POINT
	0	0		
KAFB-1064	1474358.141	1541038.526	5345.68	SAMPLE POINT
20040	1474361.29	1541038.666		GROUND NORTH SIDE OF WELL
20041	1474358.441	1541038.576	5345.81	TOP OF STEEL, NORTH SIDE
	0	0		
KAFB-1065	1473998.524	1541901.522	5347.97	SAMPLE POINT GALVANIZED NIPPLE
20042	1474000.833	1541901.442		GROUND NORTH SIDE OF WELL
20043	1473998.933	1541901.582	5346.97	TOP OF STEEL, NORTH SIDE
	0	0		
20044	1476086.002	1542392.955		FUTURE WELL
20045	1476087.482	1542397.843		FENCE
20046	1476086.812	1542390.815		TBC
20047	1476085.543	1542366.474		YELLOW STRIPE
20048	1476085.393	1542341.622		TBC

POINT	NORTHING	EASTING	NAVD88 ELEV.	NOTE
KAFB-6243	1458493.88	1556521.5	5423.55	SAMPLE POINT
20000	1458495.78	1556521.97		GROUND NORTH SIDE OF WELL
20001	1458494.09	1556521.49	5423.97	TOP OF STEEL, NORTH SIDE
KAFB-2627	1470377.02	1547773.43	5367.47	SAMPLE POINT
20002	1470379.01	1547773.46		GROUND NORTH SIDE OF WELL
20003	1470377.12	1547773.4	5368.46	TOP OF STEEL, NORTH SIDE
KAFB-2626	1469720.28	1546182.43	5357.51	SAMPLE POINT
20004	1469722.06	1546183.34		GROUND NORTH SIDE OF WELL
20005	1469720.42	1546182.57	5358.82	TOP OF STEEL, NORTH SIDE
KAFB-2625	1469074.34	1546684.67	5356.59	SAMPLE POINT
20006	1469076.71	1546684.82		GROUND NORTH SIDE OF WELL
20007	1469074.47	1546684.73	5357.82	TOP OF STEEL, NORTH SIDE
KAFB-10613	1475237.69	1542206.5	5350.45	SAMPLE POINT
20008	1475239.74	1542206.53		GROUND NORTH SIDE OF WELL
20009	1475238.02	1542206.51	5350.74	TOP OF STEEL, NORTH SIDE
KAFB-10612	1474541.95	1542014.6	5345.27	SAMPLE POINT
20010	1474543.95	1542014.54		GROUND NORTH SIDE OF WELL
20011	1474542.35	1542014.6	5345.54	TOP OF STEEL, NORTH SIDE
KAFB-1068	1474172.34	1542703.38	5353.45	SAMPLE POINT
20012	1474174.65	1542703.22		GROUND NORTH SIDE OF WELL
20013	1474172.84	1542703.26	5351.85	TOP OF STEEL, NORTH SIDE
KAFB-1066	1473798.07	1542683.47	5353.14	SAMPLE POINT
20014	1473800.18	1542683.41		GROUND NORTH SIDE OF WELL
20015	1473798.35	1542683.51	5351.58	TOP OF STEEL, NORTH SIDE
KAFB-1067	1473397.31	1542865.54	5349.54	SAMPLE POINT
20016	1473399.32	1542865.73		GROUND NORTH SIDE OF WELL
20017	1473397.48	1542865.54	5349.68	TOP OF STEEL, NORTH SIDE
KAFB-1061	1474084.4	1541885.01	5344.41	SAMPLE POINT
20018	1474085.7	1541884.74		GROUND NORTH SIDE OF WELL
20019	1474084.79	1541884.89	5345.01	TOP OF STEEL, NORTH SIDE
KAFB-10616	1473665.56	1541511.78	5342.3	SAMPLE POINT
20020	1473667.86	1541512.01		GROUND NORTH SIDE OF WELL
20021	1473665.93	1541511.84	5342.47	TOP OF STEEL, NORTH SIDE
KAFB-3411	1473884.93	1541770.31	5343.49	SAMPLE POINT
20022	1473886.44	1541770.61		GROUND NORTH SIDE OF WELL
20023	1473885.24	1541770.38	5343.66	TOP OF STEEL, NORTH SIDE

POINT	NORTHING	EASTING	NAVD88 ELEV.	NOTE
KAFB-1063	1474519.09	1540942.51	5339.71	SAMPLE POINT
20024	1474520.74	1540942.47		GROUND NORTH SIDE OF WELL
20025	1474519.32	1540942.48	5340.3	TOP OF STEEL, NORTH SIDE
KAFB-1062	1474511.07	1541574.68	5342	SAMPLE POINT
20026	1474513.32	1541574.98		GROUND NORTH SIDE OF WELL
20027	1474511.42	1541574.64	5342.2	TOP OF STEEL, NORTH SIDE
KAFB-10614	1474519.56	1542939.42	5350.08	SAMPLE POINT
20028	1474521.58	1542939.05		GROUND NORTH SIDE OF WELL
20029	1474519.91	1542939.37	5350.26	TOP OF STEEL, NORTH SIDE
KAFB-10611	1474521.96	1543338.39	5353.03	SAMPLE POINT
20030	1474523.99	1543338.35		GROUND NORTH SIDE OF WELL
20031	1474522.21	1543338.38	5353.2	TOP OF STEEL, NORTH SIDE
KAFB-10615	1476964.89	1545749	5342.44	SAMPLE POINT
20032	1476967.02	1545748.14		GROUND NORTH SIDE OF WELL
20033	1476964.88	1545748.99	5342.54	TOP OF STEEL, NORTH SIDE
KAFB-10618	1475932.96	1542951.4	5335.97	SAMPLE POINT
20034	1475935.06	1542951.84		GROUND NORTH SIDE OF WELL
20035	1475933.26	1542951.36	5336.32	TOP OF STEEL, NORTH SIDE
KAFB-10617	1475731.54	1543449.06	5342.51	SAMPLE POINT
20036	1475733.85	1543449.54		GROUND NORTH SIDE OF WELL
20037	1475731.79	1543449.08	5342.57	TOP OF STEEL, NORTH SIDE
KAFB-10619	1475215.17	1543500.88	5354.67	SAMPLE POINT
20038	1475217.28	1543501.43		GROUND NORTH SIDE OF WELL
20039	1475215.43	1543501.01	5354.75	TOP OF STEEL, NORTH SIDE
20050	1475872	1542394.24	5341.11	FLUSH WITH ASPH
KAFB-10620	1475871	1542394.24	5340.75	SAMPLE POINT
KAFB-1064	1474860.39	1541563.49	5345.68	SAMPLE POINT
20040	1474863.54	1541563.63		GROUND NORTH SIDE OF WELL
20041	1474860.69	1541563.54	5345.81	TOP OF STEEL, NORTH SIDE
KAFB-1065	1474500.65	1542426.78	5347.97	SAMPLE POINT GALVANIZED NIPPLE
20042	1474502.96	1542426.7		GROUND NORTH SIDE OF WELL
20043	1474501.06	1542426.84	5346.97	TOP OF STEEL, NORTH SIDE
20044	1476588.84	1542918.38	5315.25	FUTURE WELL
20045	1476590.32	1542923.27	5315.13	FENCE
20046	1476589.65	1542916.24	5314.96	TBC
20047	1476588.38	1542891.89	5314.93	YELLOW STRIPE
20048	1476588.23	1542867.03	5315.12	TBC

THIS PAGE INTENTIONALLY LEFT BLANK

APPENDIX C

Attachment 5

CH2M HILL
4041 Jefferson Plaza NE
Suite 200
Albuquerque, NM 87109
Tel 505.884.5600
Fax 505.883.7507

October 7, 2008

VIA EMAIL

Mr. Steve Kitt
377 MSG/CEANC
2050 Wyoming Boulevard SE
Kirtland AFB, NM 87117-5270

Reference: AFCEE Contract No. FA8903-04-D-8670 / Task Order No. 313

Subject: Disposal of Soil Drill Cuttings - Monitoring Wells KAFB-10611 and KAFB-10612, Bulk Fuels Facility, Kirtland AFB, NM

Dear Mr. Kitt:

CH2M HILL is requesting permission to dispose of soil drill cuttings into the Kirtland Air Force Base (AFB) Construction and Demolition (C&D) debris landfill. The soil was generated and subsequently analyzed as discussed below.

CH2M HILL is in the process of conducting drilling operations in association with the ongoing investigation at the Bulk Fuels Facility. We completed drilling operations at two well sites in September 2008. Drilling activities at these two sites generated approximately 100 cubic yards of soil which are stored in five 20-cubic yard roll-off containers. Soil contamination was not anticipated at this site since the drilling locations were located away from the source area. Two composite samples, collected from the soil cuttings, were analyzed for Toxic Characteristic Leaching Procedures (TCLP) semi-volatile organic compounds (SVOCs), TCLP volatile organic compounds (VOCs), TCLP metals, and ignitability analysis.

Table 1 presents a summary of the reportable concentrations from the TCLP analyses of the composite samples collected from the KAFB-10611 and KAFB-10612 monitoring well drill cuttings. Low concentrations of barium and chromium were detected but were below TCLP regulatory levels. Also, low concentrations of the organic compounds 2-butanone and heptachlor were detected, however, these compounds were also detected in the associated method blanks and are likely a result of laboratory cross-contamination. All positive detections were several orders of magnitude below TCLP regulatory limits.

Multiple grab samples were also collected during installation of each well and analyzed for total petroleum hydrocarbons (TPH) by EPA Method 8015 Modified and VOCs by EPA Method 8260. Low level TPH concentrations were detected in most samples however all were less than 25 mg/kg. These TPH data are not tabulated however the analytical laboratory analyses for TPH are provided as an attachment.

Mr. Steve Kitt
377 MSG/CEANR
October 7, 2008

Page 2 of 2

Please review the attached analytical data and determine if the soil is suitable for disposal at the Kirtland AFB C&D landfill. The roll-off dumpsters are owned by Rinchem and are roll-off numbers 104051, 20B-29, 22026, 104057, and 20B-28. Upon receiving notification of Kirtland AFB's acceptance of the soil, CH2M HILL will coordinate receipt of the landfill pass with Chugach and transport of the soil with Rinchem.

Should you have any questions regarding this request please feel free to contact me at 884-5600. Thank you for your assistance.

Sincerely,
CH2M HILL

Sharon L. Minchak

Sharon Minchak
Project Manager

Attachments:
Table 1: Summary of Reportable Concentrations for Drill Cuttings Analyses from Monitoring Wells KAFB-10611 and KAFB-10612, KAFB Bulk Fuels Facility, Kirtland AFB, NM.

c: Mr. Mark Holmes/377 MSG/CEANR
Ms. Meredith Brislen/CH2M HILL ABQ Office

Table 1. Summary of TCLP Reportable Concentrations for Drill Cuttings Analyses from Monitoring Wells KAFB-10611 and KAFB-10612, KAFB Bulk Fuels Facility, Kirtland AFB, NM.

Chemical Class (units) and Laboratory Method	**Analyte**	**Date, Sample ID**	
		09/18/08	09/18/08
		ST106-IDW-10611	ST106-IDW-10612
TCLP Herbicides (mg/L)- EPA Method 8081	Heptachlor	0.0000089 JB	0.0000049 JPB
TCLP VOCs (mg/L)- EPA Method 8260	2-Butanone	0.33 B	0.76 B
Ignitability - SW1010		150 degrees	150 degrees
TCLP Metals (mg/L)- EPA Method 6010F	Barium	0.91	0.494
	Chromium	0.0148 J	0.0129 J
Data Qualifiers: J -- Estimated result. Result is less than reporting limit.			
B -- Method blank contamination. The associated method blank contains the target analyte at a reportable level.			

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10611-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: ST106 TO313

Lab Code : PEL Case No. SAS No: SDG No.: 2510179

Matrix: SOIL Lab Sample ID: 251017901 Lab File ID: 179-1.D

Sample wt/vol: 4.32 Units: G Date Received: 09/04/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/09/08 Time: 1540

PercentSolids: 99.6 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.4	U

240909 1203

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10611-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: ST106 TO313

Lab Code : PEL Case No. SAS No: SDG No.: 2510179

Matrix: SOIL Lab Sample ID: 251017901 Lab File ID: 179-01.D

Sample wt/vol: 20.03 Units: G Date Received: 09/04/08

Concentrated Extract Volume: 1 Date Extracted: 09/15/08

Level:(low/med) LOW Date Analyzed: 09/17/08 Time: 1440

PercentSolids: 99.6 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	17.4	

240808 1233

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: PEL, Spectrum Analytical, Inc.	Contract: Kirtland AFB / TO-313		ST106SS10611120
Lab Code : PEL	Case No.:	SAS No:	SDG No.: 2510198
Matrix: SOIL		Lab Sample ID: 251019803	Lab File ID: 198-3.D
Sample wt/vol: 3.22	Units: G	Date Received: 09/05/08	
Concentrated Extract Volume: 5		Date Extracted:	
Level:(low/med) LOW		Date Analyzed: 09/10/08	Time: 1444
PercentSolids: 86.8	decanted : (	Dilution Factor: 1	
Extraction: PURGETRAP		Station ID:	Method: 8015
GPC Cleanup : (Y/N) N	pH:		
Column(1): RTX-502.2	ID: 0.53 (mm)		
CONCENTRATION UNITS: MG/KG			

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.1	JB

230806 1217

Form I

2510198

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313 ST106SS10611120

Lab Code : PEL Case No.: SAS No: SDG No.: 2510198

Matrix: SOIL Lab Sample ID: 251019803 Lab File ID: 198-03.D

Sample wt/vol: 20 Units: G Date Received: 09/05/08

Concentrated Extract Volume: 1 Date Extracted: 09/17/08

Level:(low/med) LOW Date Analyzed: 09/18/08 Time: 0540

PercentSolids: 86.8 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3.8	J

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313 ST106SS10611-180

Lab Code : PEL Case No. SAS No: SDG No.: 2510209

Matrix: SOIL Lab Sample ID: 251020901 Lab File ID: 209-01.D

Sample wt/vol: 20.04 Units: G Date Received: 09/06/08

Concentrated Extract Volume: 1 Date Extracted: 09/17/08

Level:(low/med) LOW Date Analyzed: 09/18/08 Time: 0801

PercentSolids: 98.1 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	2.2	J

250908 1623

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: ST106SS10611-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code: PEL Case No. SAS No: SDG No.: 2510209

Matrix: SOIL Lab Sample ID: 251020901 Lab File ID: 209-1.D

Sample wt/vol: 4.58 Units: G Date Received: 09/06/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/10/08 Time: 1751

PercentSolids: 98.1 decanted: Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup: (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.3	U

250908 1922

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10611-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No. SAS No: SDG No.: 2510209

Matrix: SOIL Lab Sample ID: 251020901 Lab File ID: 209-01.D

Sample wt/vol: 20.04 Units: G Date Received: 09/06/08

Concentrated Extract Volume: 1 Date Extracted: 09/17/08

Level:(low/med) LOW Date Analyzed: 09/18/08 Time: 0801

PercentSolids: 98.1 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	2.2	J

250906 1923

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name:	PEL, Spectrum Analytical, Inc.	Contract:	Kirtland AFB / TO-313
EPA Sample No.	ST106SS10611-300		
Lab Code :	PEL	Case No.:	
SAS No:		SDG No.:	2510215
Matrix:	SOIL	Lab Sample ID:	251021501
Lab File ID:	215-01.D		
Sample wt/vol:	20.37	Units:	G
Date Received:	09/09/08		
Concentrated Extract Volume:	1	Date Extracted:	09/17/08
Level:(low/med)	LOW	Date Analyzed:	09/18/08
Time:	0954		
PercentSolids:	82.3	decanted :	
Dilution Factor:	1		
Extraction:	SONC	Station ID:	
Method:	8015		
GPC Cleanup : (Y/N)	N	pH:	
Column(1):	RTX-5	ID:	0.53 (mm)
CONCENTRATION UNITS:	MG/KG		

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.6	U

300908 1557

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: ST106SS10611-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code: PEL Case No.: SAS No: SDG No.: 2510215

Matrix: SOIL Lab Sample ID: 251021501 Lab File ID: 215-1.D

Sample wt/vol: 3.16 Units: G Date Received: 09/09/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/11/08 Time: 1231

PercentSolids: 82.3 decanted: Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup: (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.3	U

300808 1556

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313 ST106SS10611-360

Lab Code : PEL Case No.: SAS No: SDG No.: 2510215

Matrix: SOIL Lab Sample ID: 251021502 Lab File ID: 215-02.D

Sample wt/vol: 20.38 Units: G Date Received: 09/09/08

Concentrated Extract Volume: 1 Date Extracted: 09/17/08

Level:(low/med) LOW Date Analyzed: 09/18/08 Time: 1022

PercentSolids: 78.2 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3.9	J

300908 1557

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name:	PEL, Spectrum Analytical, Inc.	Contract:	Kirtland AFB / TO-313
EPA Sample No.	ST106SS10611-420		
Lab Code :	PEL	Case No.:	
SAS No:		SDG No.:	2510227
Matrix:	SOIL	Lab Sample ID:	251022701
Lab File ID:	227-01.D		
Sample wt/vol:	20.32	Units:	G
Date Received:	09/10/08		
Concentrated Extract Volume:	1	Date Extracted:	09/17/08
Level:(low/med)	LOW	Date Analyzed:	09/18/08
Time:	1051		
PercentSolids:	96.3	decanted : (	
Dilution Factor:	1		
Extraction:	SONC	Station ID:	
Method:	8015		
GPC Cleanup : (Y/N)	N	pH:	
Column(1):	RTX-5	ID:	0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	5.7	

300808 1804

Form I

2510227

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10611-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510227

Matrix: SOIL Lab Sample ID: 251022701 Lab File ID: 227-1.D

Sample wt/vol: 3.87 Units: G Date Received: 09/10/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/11/08 Time: 1329

PercentSolids: 96.3 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.6	U

300906 1605

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10611-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510227

Matrix: SOIL Lab Sample ID: 251022703 Lab File ID: 227-3.D

Sample wt/vol: 3.51 Units: G Date Received: 09/10/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/11/08 Time: 1358

PercentSolids: 96.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.032	J

300000 1803

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10611-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510227

Matrix: SOIL Lab Sample ID: 251022703 Lab File ID: 227-03.D

Sample wt/vol: 20.47 Units: G Date Received: 09/10/08

Concentrated Extract Volume: 1 Date Extracted: 09/17/08

Level:(low/med) LOW Date Analyzed: 09/18/08 Time: 1119

PercentSolids: 96.4 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.7	

300908 1604

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106FD10612-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: ST106 TO313

Lab Code : PEL Case No. SAS No: SDG No.: 2510179

Matrix: SOIL Lab Sample ID: 251017904 Lab File ID: 179-4.D

Sample wt/vol: 3.46 Units: G Date Received: 09/04/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/10/08 Time: 1542

PercentSolids: 97.9 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.018	JB

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10612-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: ST106 TO313

Lab Code : PEL Case No. SAS No: SDG No.: 2510179

Matrix: SOIL Lab Sample ID: 251017903 Lab File ID: 179-03.D

Sample wt/vol: 20.14 Units: G Date Received: 09/04/08

Concentrated Extract Volume: 1 Date Extracted: 09/15/08

Level:(low/med) LOW Date Analyzed: 09/17/08 Time: 1528

PercentSolids: 95.7 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3.2	J

240908 1233

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name:	PEL, Spectrum Analytical, Inc.	Contract:	Kirtland AFB / TO-313
EPA Sample No.	ST106SS10612120		
Lab Code :	PEL	Case No.:	
SAS No:		SDG No.:	2510198
Matrix:	SOIL	Lab Sample ID:	251019805
Lab File ID:	198-5R.D		
Sample wt/vol:	3.32	Units:	G
Date Received:	09/05/08		
Concentrated Extract Volume:	5	Date Extracted:	
Level:(low/med)	LOW	Date Analyzed:	09/10/08
Time:	1722		
PercentSolids:	86.3	decanted : (	
Dilution Factor:	1		
Extraction:	PURGETRAP	Station ID:	
Method:	8015		
GPC Cleanup : (Y/N)	N	pH:	
Column(1):	RTX-502.2	ID:	0.53 (mm)
CONCENTRATION UNITS:	MG/KG		

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.11	JB

230808 1217

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10612120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510198

Matrix: SOIL Lab Sample ID: 251019805 Lab File ID: 198-05.D

Sample wt/vol: 20.15 Units: G Date Received: 09/05/08

Concentrated Extract Volume: 1 Date Extracted: 09/17/08

Level:(low/med) LOW Date Analyzed: 09/18/08 Time: 0636

PercentSolids: 86.3 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3.5	J

230908 1217

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10612-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No. SAS No: SDG No.: 2510209

Matrix: SOIL Lab Sample ID: 251020903 Lab File ID: 209-3.D

Sample wt/vol: 4.25 Units: G Date Received: 09/06/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/10/08 Time: 1819

PercentSolids: 97.1 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.4	U

250909 1922

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10612-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No. SAS No: SDG No.: 2510209

Matrix: SOIL Lab Sample ID: 251020903 Lab File ID: 209-03.D

Sample wt/vol: 20.88 Units: G Date Received: 09/06/08

Concentrated Extract Volume: 1 Date Extracted: 09/17/08

Level:(low/med) LOW Date Analyzed: 09/18/08 Time: 0829

PercentSolids: 97.1 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	2.1	J

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: ST106SS10612-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code: PEL Case No.: SAS No: SDG No.: 2510210

Matrix: SOIL Lab Sample ID: 251021002 Lab File ID: 210-2.D

Sample wt/vol: 3.2 Units: G Date Received: 09/08/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/10/08 Time: 1848

PercentSolids: 82.9 decanted: Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup: (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.063	JB

300806 1538

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313 ST106SS10612-240

Lab Code : PEL Case No.: SAS No: SDG No.: 2510210

Matrix: SOIL Lab Sample ID: 251021002 Lab File ID: 210-02.D

Sample wt/vol: 20.71 Units: G Date Received: 09/08/08

Concentrated Extract Volume: 1 Date Extracted: 09/17/08

Level:(low/med) LOW Date Analyzed: 09/18/08 Time: 0857

PercentSolids: 82.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	13	

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313 ST106SS10612-300

Lab Code : PEL Case No.: SAS No: SDG No.: 2510227

Matrix: SOIL Lab Sample ID: 251022704 Lab File ID: 227-04.D

Sample wt/vol: 20.05 Units: G Date Received: 09/10/08

Concentrated Extract Volume: 1 Date Extracted: 09/17/08

Level:(low/med) LOW Date Analyzed: 09/18/08 Time: 1148

PercentSolids: 96.7 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3.8	J

300806 1604

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name:	PEL, Spectrum Analytical, Inc.	Contract:	ST106 TO313 Drilling
EPA Sample No.	ST106SS10612-360		
Lab Code :	PEL	Case No.:	
SAS No:		SDG No.:	2510248
Matrix:	SOIL	Lab Sample ID:	251024801
Lab File ID:	248-01.D		
Sample wt/vol:	20.32	Units:	G
Date Received:	09/11/08		
Concentrated Extract Volume:	1	Date Extracted:	09/18/08
Level:(low/med)	LOW	Date Analyzed:	09/19/08
Time:	1319		
PercentSolids:	97.8	decanted :	
Dilution Factor:	1		
Extraction:	SONC	Station ID:	
Method:	8015		
GPC Cleanup : (Y/N)	N	pH:	
Column(1):	RTX-5	ID:	0.53 (mm)
CONCENTRATION UNITS:	MG/KG		

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	10.5	

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10612-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: ST106 TO313 Drilling

Lab Code : PEL Case No.: SAS No: SDG No.: 2510248

Matrix: SOIL Lab Sample ID: 251024801 Lab File ID: 248-1.D

Sample wt/vol: 3.35 Units: G Date Received: 09/11/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/11/08 Time: 1600

PercentSolids: 97.8 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

300905 1812

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10612-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: ST106 TO313 Drilling

Lab Code : PEL Case No.: SAS No: SDG No.: 2510248

Matrix: SOIL Lab Sample ID: 251024803 Lab File ID: 248-3.D

Sample wt/vol: 4.2 Units: G Date Received: 09/11/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/11/08 Time: 1629

PercentSolids: 97.8 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.5	U

300908 1812

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10612-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: ST106 TO313 Drilling

Lab Code : PEL Case No.: SAS No: SDG No.: 2510248

Matrix: SOIL Lab Sample ID: 251024803 Lab File ID: 248-03.D

Sample wt/vol: 20.26 Units: G Date Received: 09/11/08

Concentrated Extract Volume: 1 Date Extracted: 09/18/08

Level:(low/med) LOW Date Analyzed: 09/19/08 Time: 1348

PercentSolids: 97.8 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.7	

300808 1812

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10612-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: ST106 TO313 Drilling

Lab Code : PEL Case No.: SAS No: SDG No.: 2510248

Matrix: SOIL Lab Sample ID: 251024805 Lab File ID: 248-5.D

Sample wt/vol: 3.94 Units: G Date Received: 09/11/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/11/08 Time: 1658

PercentSolids: 95.9 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.6	U

300906 1912

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name:	PEL, Spectrum Analytical, Inc.	Contract:	ST106 TO313 Drilling
EPA Sample No.	ST106SS10612-480		
Lab Code :	PEL	Case No.:	
SAS No:		SDG No.:	2510248
Matrix:	SOIL	Lab Sample ID:	251024805
Lab File ID:	248-05.D		
Sample wt/vol:	20.73	Units:	G
Date Received:	09/11/08		
Concentrated Extract Volume:	1	Date Extracted:	09/18/08
Level:(low/med)	LOW	Date Analyzed:	09/19/08
Time:	1416		
PercentSolids:	95.9	decanted :	
Dilution Factor:	1		
Extraction:	SONC	Station ID:	
Method:	8015		
GPC Cleanup : (Y/N)	N	pH:	
Column(1):	RTX-5	ID:	0.53 (mm)
CONCENTRATION UNITS:	MG/KG		

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3.9	U

300908 1612

Form I

CH2M HILL
4041 Jefferson Plaza NE
Suite 200
Albuquerque, NM 87109
Tel 505.884.5600
Fax 505.883.7507

November 12, 2008

VIA EMAIL

Mr. Steve Kitt
377 MSG/CEANC
2050 Wyoming Boulevard SE
Kirtland AFB, NM 87117-5270

Reference: AFCEE Contract No. FA8903-04-D-8670 / Task Order No. 313

Subject: Disposal of Soil Drill Cuttings - Monitoring Wells KAFB-10613, KAFB-10614, KAFB-10615, and KAFB-10616, Bulk Fuels Facility, Kirtland AFB, NM

Dear Mr. Kitt:

CH2M HILL is requesting permission to dispose of soil drill cuttings into the Kirtland Air Force Base (AFB) Construction and Demolition (C&D) debris landfill. The soil was generated and subsequently analyzed as discussed below.

CH2M HILL is in the process of conducting drilling operations in association with the ongoing investigation at the Bulk Fuels Facility. We completed drilling operations at four well sites in September and October 2008. Drilling activities at these two sites generated approximately 160 cubic yards of soil which are stored in seven 20-cubic yard roll-off containers and one 30-cubic yard roll-off container. Soil contamination was not anticipated at this site since the drilling locations were located away from the source area. Four composite samples, collected from the soil cuttings, were analyzed for Toxic Characteristic Leaching Procedures (TCLP) semi-volatile organic compounds (SVOCs), TCLP volatile organic compounds (VOCs), TCLP metals, and ignitability analysis.

Table 1 presents a summary of the reportable concentrations from the TCLP analyses of the composite samples collected from the KAFB-10613, KAFB-10614, KAFB-10615, and KAFB-10616 monitoring well drill cuttings. Low concentrations of arsenic, barium, cadmium, and chromium were detected but were below TCLP regulatory levels. Also, a low concentration of the organic compound 2-butanone was detected in the KAFB-10614 sample, however, this compound was also detected in the associated method blanks and is likely a result of laboratory cross-contamination. All positive detections were several orders of magnitude below TCLP regulatory limits.

Multiple grab samples were also collected during installation of each well and analyzed for total petroleum hydrocarbons (TPH) by EPA Method 8015 Modified and VOCs by EPA Method 8260. Low level TPH concentrations were detected in most samples. However, detected concentrations were less than 55 mg/kg and were B flagged by the laboratory indicating possible sample contamination. The B flag indicates the analyte was found in the associated method blank as well as

Mr. Steve Kitt
377 MSG/CEANR
November 11, 2008

Page 2 of 2

in the sample. These TPH data are not tabulated. The analytical laboratory analyses for TPH are provided as an attachment.

Please review the attached analytical data and determine if the soil is suitable for disposal at the Kirtland AFB C&D landfill. The roll-off dumpsters are owned by Rinchem and are roll-off numbers A20-060, A20-037, 104053, 20B-26, A20-023, A20-041, A30-049, and A20-043. Upon receiving notification of Kirtland AFB's acceptance of the soil, CH2M HILL will coordinate receipt of the landfill pass with Chugach and transport of the soil with Rinchem.

Should you have any questions regarding this request please feel free to contact me at 884-5600. Thank you for your assistance.

Sincerely,
CH2M HILL

Meredith Brislen
Project Consultant

Attachments:
Table 1: Summary of Reportable Concentrations for Drill Cuttings Analyses from Monitoring Wells KAFB-10613, KAFB-10614, KAFB-10615, and KAFB-10616, KAFB Bulk Fuels Facility, Kirtland AFB, NM.

c: Mr. Mark Holmes/377 MSG/CEANR
Ms. Sharon Minchak/CH2M HILL ABQ Office

Table 1. Summary of TCLP Reportable Concentrations for Drill Cuttings Analyses from Monitoring Wells KAFB-10613, KAFB-10614, KAFB-10615, and KAFB-10616, KAFB Bulk Fuels Facility, Kirtland AFB, NM.

Chemical Class (units) and Laboratory Method	**Analyte**	**Date, Sample ID**			
		10/02/08	10/02/08	10/16/08	10/16/08
		ST106-IDW-10613	ST106-IDW-10614	ST106-IDW-10615	ST106-IDW-10616
TCLP VOCs (mg/L)- EPA Method 8260	2-Butanone	0.1 U	0.0673 JB	0.1 U	0.1 U
TCLP Metals (mg/L)- EPA Method 6010F	Arsenic	0.0691 J	0.0483 J	0.1 U	0.0614 J
	Barium	0.549	0.662	1.19	0.825 J
	Cadmium	0.0123 J	0.0118 J	0.0279 J	0.0119 J
	Chromium	0.00972 J	0.00706 J	0.1 U	0.00562 J
Data Qualifiers: J -- Estimated result. Result is less than reporting limit.					
U -- Compound not detected above reporting limit.					
B -- Method blank contamination. The associated method blank contains the target analyte at a reportable level.					

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510345

Matrix: SOIL Lab Sample ID: 251034501 Lab File ID: 345-1.D

Sample wt/vol: 3.24 Units: G Date Received: 09/20/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1318

PercentSolids: 95.8 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.9	U

071008 1556

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510345

Matrix: SOIL Lab Sample ID: 251034501 Lab File ID: 345-01.D

Sample wt/vol: 15.25 Units: G Date Received: 09/20/08

Concentrated Extract Volume: 1 Date Extracted: 09/26/08

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1755

PercentSolids: 95.8 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	8.1	B

071008 1556

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510345

Matrix: SOIL Lab Sample ID: 251034502 Lab File ID: 345-2.D

Sample wt/vol: 3.39 Units: G Date Received: 09/20/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1347

PercentSolids: 86.6 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2	U

071008 1556

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510345

Matrix: SOIL Lab Sample ID: 251034502 Lab File ID: 345-02.D

Sample wt/vol: 15.33 Units: G Date Received: 09/20/08

Concentrated Extract Volume: 1 Date Extracted: 09/26/08

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1824

PercentSolids: 86.6 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	7.9	B

071008 1556

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510346

Matrix: SOIL Lab Sample ID: 251034602 Lab File ID: 346-2.D

Sample wt/vol: 4.16 Units: G Date Received: 09/22/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1421

PercentSolids: 94.1 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.5	U

071008 1600

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510346

Matrix: SOIL Lab Sample ID: 251034602 Lab File ID: 346-02.D

Sample wt/vol: 15.15 Units: G Date Received: 09/22/08

Concentrated Extract Volume: 1 Date Extracted: 09/26/08

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1852

PercentSolids: 94.1 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.4	JB

071008 1600

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-180FD

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510346

Matrix: SOIL Lab Sample ID: 251034603 Lab File ID: 346-3.D

Sample wt/vol: 3.15 Units: G Date Received: 09/22/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/29/08 Time: 1252

PercentSolids: 97.1 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.018	JB

071008 1600

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-180FD

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510346

Matrix: SOIL Lab Sample ID: 251034603 Lab File ID: 346-03.D

Sample wt/vol: 15.7 Units: G Date Received: 09/22/08

Concentrated Extract Volume: 1 Date Extracted: 09/26/08

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1921

PercentSolids: 97.1 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	8.7	B

071008 1600

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510360

Matrix: SOIL Lab Sample ID: 251036001 Lab File ID: 360-1.D

Sample wt/vol: 3.85 Units: G Date Received: 09/23/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1522

PercentSolids: 96.8 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.6	U

081008 943

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510360

Matrix: SOIL Lab Sample ID: 251036001 Lab File ID: 360-01.D

Sample wt/vol: 15.29 Units: G Date Received: 09/23/08

Concentrated Extract Volume: 1 Date Extracted: 09/26/08

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1949

PercentSolids: 96.8 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	10.3	B

081008 944

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510360

Matrix: SOIL Lab Sample ID: 251036002 Lab File ID: 360-2.D

Sample wt/vol: 3.55 Units: G Date Received: 09/23/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1551

PercentSolids: 95.6 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

081008 943

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510360

Matrix: SOIL Lab Sample ID: 251036002 Lab File ID: 360-02.D

Sample wt/vol: 15.5 Units: G Date Received: 09/23/08

Concentrated Extract Volume: 1 Date Extracted: 09/26/08

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 2017

PercentSolids: 95.6 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	28	B

081008 944

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510360

Matrix: SOIL Lab Sample ID: 251036003 Lab File ID: 360-3.D

Sample wt/vol: 4.22 Units: G Date Received: 09/23/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1649

PercentSolids: 98 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.4	U

081008 943

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510360

Matrix: SOIL Lab Sample ID: 251036003 Lab File ID: 360-03.D

Sample wt/vol: 15 Units: G Date Received: 09/23/08

Concentrated Extract Volume: 1 Date Extracted: 09/26/08

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 2114

PercentSolids: 98 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	5.1	JB

081008 944

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510360

Matrix: SOIL Lab Sample ID: 251036004 Lab File ID: 360-4.D

Sample wt/vol: 3.28 Units: G Date Received: 09/23/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1816

PercentSolids: 87.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.1	U

081008 943

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10613-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510360

Matrix: SOIL Lab Sample ID: 251036004 Lab File ID: 360-04.D

Sample wt/vol: 15.18 Units: G Date Received: 09/23/08

Concentrated Extract Volume: 1 Date Extracted: 09/26/08

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 2142

PercentSolids: 87.2 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	8.3	B

081008 944

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510389

Matrix: SOIL Lab Sample ID: 251038901 Lab File ID: 389-1.D

Sample wt/vol: 3.18 Units: G Date Received: 09/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/29/08 Time: 1320

PercentSolids: 95.6 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.019	JB

081008 954

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510389

Matrix: SOIL Lab Sample ID: 251038901 Lab File ID: 389-01.D

Sample wt/vol: 15.8 Units: G Date Received: 09/25/08

Concentrated Extract Volume: 1 Date Extracted: 09/26/08

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 2210

PercentSolids: 95.6 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	7.3	B

081008 955

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510389

Matrix: SOIL Lab Sample ID: 251038903 Lab File ID: 389-3.D

Sample wt/vol: 3.44 Units: G Date Received: 09/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1249

PercentSolids: 88.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.046	J

081008 954

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510389

Matrix: SOIL Lab Sample ID: 251038903 Lab File ID: 389-03.D

Sample wt/vol: 15.06 Units: G Date Received: 09/25/08

Concentrated Extract Volume: 1 Date Extracted: 09/26/08

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 2238

PercentSolids: 88.5 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	7.6	B

081008 955

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510389

Matrix: SOIL Lab Sample ID: 251038907 Lab File ID: 389-7.D

Sample wt/vol: 4.11 Units: G Date Received: 09/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/26/08 Time: 1943

PercentSolids: 96.8 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.5	U

081008 954

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510389

Matrix: SOIL Lab Sample ID: 251038907 Lab File ID: 389-07.D

Sample wt/vol: 15.63 Units: G Date Received: 09/25/08

Concentrated Extract Volume: 1 Date Extracted: 09/26/08

Level:(low/med) LOW Date Analyzed: 09/27/08 Time: 0002

PercentSolids: 96.8 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.6	JB

081008 955

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510409

Matrix: SOIL Lab Sample ID: 251040901 Lab File ID: 409-1.D

Sample wt/vol: 4.04 Units: G Date Received: 09/26/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/29/08 Time: 1349

PercentSolids: 97.7 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.5	U

101008 1549

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510409

Matrix: SOIL Lab Sample ID: 251040901 Lab File ID: 409-1.D

Sample wt/vol: 15.02 Units: G Date Received: 09/26/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 1832

PercentSolids: 97.7 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	24	B

101008 1549

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510409

Matrix: SOIL Lab Sample ID: 251040903 Lab File ID: 409-3.D

Sample wt/vol: 3.84 Units: G Date Received: 09/26/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 09/29/08 Time: 1418

PercentSolids: 89.1 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.017	JB

101008 1549

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510409

Matrix: SOIL Lab Sample ID: 251040903 Lab File ID: 409-3.D

Sample wt/vol: 15.19 Units: G Date Received: 09/26/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 1901

PercentSolids: 89.1 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	16.1	B

101008 1549

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland / TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510460

Matrix: SOIL Lab Sample ID: 251046002 Lab File ID: 460-2.D

Sample wt/vol: 3.51 Units: G Date Received: 10/01/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 1343

PercentSolids: 96.8 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

151008 1303

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland / TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510460

Matrix: SOIL Lab Sample ID: 251046002 Lab File ID: 460-2.D

Sample wt/vol: 15.09 Units: G Date Received: 10/01/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 1958

PercentSolids: 96.8 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	15.6	B

151008 1303

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland / TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510460

Matrix: SOIL Lab Sample ID: 251046004 Lab File ID: 460-4.D

Sample wt/vol: 3.17 Units: G Date Received: 10/01/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 1441

PercentSolids: 98.7 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.9	U

151008 1303

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland / TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510460

Matrix: SOIL Lab Sample ID: 251046004 Lab File ID: 460-4.D

Sample wt/vol: 15.12 Units: G Date Received: 10/01/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 2054

PercentSolids: 98.7 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	12.1	B

151008 1303

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland / TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510460

Matrix: SOIL Lab Sample ID: 251046003 Lab File ID: 460-3.D

Sample wt/vol: 3.4 Units: G Date Received: 10/01/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 1412

PercentSolids: 96.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.034	J

151008 1303

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10614-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland / TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510460

Matrix: SOIL Lab Sample ID: 251046003 Lab File ID: 460-3.D

Sample wt/vol: 15.07 Units: G Date Received: 10/01/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 2026

PercentSolids: 96.2 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	20.1	B

151008 1303

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland / TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510460

Matrix: SOIL Lab Sample ID: 251046005 Lab File ID: 460-5.D

Sample wt/vol: 3.06 Units: G Date Received: 10/01/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 1510

PercentSolids: 94.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.1	U

151008 1303

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland / TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510460

Matrix: SOIL Lab Sample ID: 251046005 Lab File ID: 460-5.D

Sample wt/vol: 15.02 Units: G Date Received: 10/01/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 2123

PercentSolids: 94.4 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	20.9	B

151008 1303

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510512

Matrix: SOIL Lab Sample ID: 251051201 Lab File ID: 512-1.D

Sample wt/vol: 3.08 Units: G Date Received: 10/03/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 1538

PercentSolids: 87.7 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.2	U

161008 1918

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510512

Matrix: SOIL Lab Sample ID: 251051201 Lab File ID: 512-1.D

Sample wt/vol: 15.93 Units: G Date Received: 10/03/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 2220

PercentSolids: 87.7 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	7.7	B

161008 1918

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510512

Matrix: SOIL Lab Sample ID: 251051202 Lab File ID: 512-2.D

Sample wt/vol: 3.58 Units: G Date Received: 10/03/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 1607

PercentSolids: 94.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

161008 1918

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510512

Matrix: SOIL Lab Sample ID: 251051202 Lab File ID: 512-2.D

Sample wt/vol: 15.17 Units: G Date Received: 10/03/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 2248

PercentSolids: 94.2 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.9	JB

161008 1918

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510528

Matrix: SOIL Lab Sample ID: 251052801 Lab File ID: 528-1.D

Sample wt/vol: 3.79 Units: G Date Received: 10/04/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 1637

PercentSolids: 94.9 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.7	U

181008 1441

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510528

Matrix: SOIL Lab Sample ID: 251052801 Lab File ID: 528-1.D

Sample wt/vol: 15.22 Units: G Date Received: 10/04/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 2316

PercentSolids: 94.9 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	50.3	B

181008 1441

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510528

Matrix: SOIL Lab Sample ID: 251052802 Lab File ID: 528-2.D

Sample wt/vol: 3.87 Units: G Date Received: 10/04/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 1706

PercentSolids: 90.7 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.7	U

181008 1441

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510528

Matrix: SOIL Lab Sample ID: 251052802 Lab File ID: 528-2.D

Sample wt/vol: 15.17 Units: G Date Received: 10/04/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 2345

PercentSolids: 90.7 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	7.4	B

181008 1441

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510528

Matrix: SOIL Lab Sample ID: 251052803 Lab File ID: 528-3.D

Sample wt/vol: 4.1 Units: G Date Received: 10/04/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/10/08 Time: 1316

PercentSolids: 96.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.5	U

181008 1441

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510528

Matrix: SOIL Lab Sample ID: 251052803 Lab File ID: 528-3.D

Sample wt/vol: 15.08 Units: G Date Received: 10/04/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/08/08 Time: 0013

PercentSolids: 96.4 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	12.6	B

181008 1441

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-360DUP

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510528

Matrix: SOIL Lab Sample ID: 251052804 Lab File ID: 528-4.D

Sample wt/vol: 3.42 Units: G Date Received: 10/04/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 2028

PercentSolids: 95.8 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

181008 1441

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-360DUP

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510528

Matrix: SOIL Lab Sample ID: 251052804 Lab File ID: 528-4.D

Sample wt/vol: 15.31 Units: G Date Received: 10/04/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/08/08 Time: 0041

PercentSolids: 95.8 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3.9	JB

181008 1441

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053804 Lab File ID: 538-4.D

Sample wt/vol: 3.64 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/10/08 Time: 1443

PercentSolids: 83.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2	U

181008 1643

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053804 Lab File ID: 538-4.D

Sample wt/vol: 15.55 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 1 Date Extracted: 10/15/08

Level:(low/med) LOW Date Analyzed: 10/17/08 Time: 0525

PercentSolids: 83.2 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	5.3	JB

181008 1643

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510559

Matrix: SOIL Lab Sample ID: 251055901 Lab File ID: 559-1.D

Sample wt/vol: 3.14 Units: G Date Received: 10/08/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/10/08 Time: 1806

PercentSolids: 85.7 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.2	U

231008 1013

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10615-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510559

Matrix: SOIL Lab Sample ID: 251055901 Lab File ID: 559-1.D

Sample wt/vol: 15.07 Units: G Date Received: 10/08/08

Concentrated Extract Volume: 1 Date Extracted: 10/15/08

Level:(low/med) LOW Date Analyzed: 10/17/08 Time: 0721

PercentSolids: 85.7 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	6	U

231008 1013

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106-SS-10616-60

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510533

Matrix: SOIL Lab Sample ID: 251053301 Lab File ID: 533-1.D

Sample wt/vol: 3.83 Units: G Date Received: 10/06/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/07/08 Time: 2058

PercentSolids: 83.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.9	U

181008 1355

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106-SS-10616-60

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510533

Matrix: SOIL Lab Sample ID: 251053301 Lab File ID: 533-1.D

Sample wt/vol: 15.36 Units: G Date Received: 10/06/08

Concentrated Extract Volume: 1 Date Extracted: 10/07/08

Level:(low/med) LOW Date Analyzed: 10/08/08 Time: 0206

PercentSolids: 83.4 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	8.5	B

181008 1355

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053802 Lab File ID: 538-2.D

Sample wt/vol: 3.03 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/10/08 Time: 1345

PercentSolids: 83 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.4	U

181008 1643

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053802 Lab File ID: 538-2.D

Sample wt/vol: 15.05 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 1 Date Extracted: 10/15/08

Level:(low/med) LOW Date Analyzed: 10/17/08 Time: 0427

PercentSolids: 83 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3.8	JB

181008 1643

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053803 Lab File ID: 538-3.D

Sample wt/vol: 3.02 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/10/08 Time: 1414

PercentSolids: 97.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2	U

181008 1643

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053803 Lab File ID: 538-3.D

Sample wt/vol: 15.55 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 1 Date Extracted: 10/15/08

Level:(low/med) LOW Date Analyzed: 10/17/08 Time: 0456

PercentSolids: 97.2 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3.3	JB

181008 1643

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053805 Lab File ID: 538-5R.D

Sample wt/vol: 3.41 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/10/08 Time: 2030

PercentSolids: 95.3 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

181008 1643

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053805 Lab File ID: 538-5.D

Sample wt/vol: 15.02 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 1 Date Extracted: 10/15/08

Level:(low/med) LOW Date Analyzed: 10/17/08 Time: 0554

PercentSolids: 95.3 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	8.6	B

181008 1643

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053806 Lab File ID: 538-6.D

Sample wt/vol: 3.26 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/10/08 Time: 1542

PercentSolids: 97.8 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.9	U

181008 1643

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053806 Lab File ID: 538-6.D

Sample wt/vol: 15.13 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 1 Date Extracted: 10/15/08

Level:(low/med) LOW Date Analyzed: 10/17/08 Time: 0623

PercentSolids: 97.8 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	2.7	JB

181008 1643

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-360-DUP

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053807 Lab File ID: 538-7.D

Sample wt/vol: 4.3 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/10/08 Time: 1708

PercentSolids: 97.9 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.4	U

181008 1643

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-360-DUP

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510538

Matrix: SOIL Lab Sample ID: 251053807 Lab File ID: 538-7.D

Sample wt/vol: 15.12 Units: G Date Received: 10/07/08

Concentrated Extract Volume: 1 Date Extracted: 10/15/08

Level:(low/med) LOW Date Analyzed: 10/17/08 Time: 0652

PercentSolids: 97.9 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	2.8	JB

181008 1643

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510559

Matrix: SOIL Lab Sample ID: 251055905 Lab File ID: 559-5.D

Sample wt/vol: 2.98 Units: G Date Received: 10/08/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/10/08 Time: 1932

PercentSolids: 99.1 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2	U

231008 1013

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510559

Matrix: SOIL Lab Sample ID: 251055905 Lab File ID: 559-5.D

Sample wt/vol: 15.13 Units: G Date Received: 10/08/08

Concentrated Extract Volume: 1 Date Extracted: 10/15/08

Level:(low/med) LOW Date Analyzed: 10/17/08 Time: 0946

PercentSolids: 99.1 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	9.1	B

231008 1013

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510570

Matrix: SOIL Lab Sample ID: 251057001 Lab File ID: 570-1.D

Sample wt/vol: 3.37 Units: G Date Received: 10/09/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 10/10/08 Time: 2001

PercentSolids: 97.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

231008 1938

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10616-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510570

Matrix: SOIL Lab Sample ID: 251057001 Lab File ID: 570-1.D

Sample wt/vol: 15.35 Units: G Date Received: 10/09/08

Concentrated Extract Volume: 1 Date Extracted: 10/15/08

Level:(low/med) LOW Date Analyzed: 10/17/08 Time: 1016

PercentSolids: 97.4 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3	JB

231008 1938

Form I

CH2M HILL
4041 Jefferson Plaza NE
Suite 200
Albuquerque, NM 87109
Tel 505.884.5600
Fax 505.883.7507

January 28, 2009

VIA EMAIL

Mr. Steve Kitt
377 MSG/CEANC
2050 Wyoming Boulevard SE
Kirtland AFB, NM 87117-5270

Reference: AFCEE Contract No. FA8903-04-D-8670 / Task Order No. 313

Subject: Disposal of Soil Drill Cuttings - Monitoring Wells KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620, Bulk Fuels Facility, Kirtland AFB, NM

Dear Mr. Kitt:

CH2M HILL is requesting permission to dispose of soil drill cuttings into the Kirtland Air Force Base (AFB) Construction and Demolition (C&D) debris landfill. The soil was generated and subsequently analyzed as discussed below.

During the fall of 2008, CH2M HILL conducted drilling operations in association with the ongoing investigation at the Bulk Fuels Facility. We completed drilling operations at four well sites in November and December of 2008. Drilling activities at these four sites generated approximately 140 cubic yards of soil which are stored in seven 20-cubic yard roll-off containers. Soil contamination was not anticipated in this soil since the drilling locations were located away from the source area. Four composite samples, one collected from the soil cuttings for each monitoring well, were analyzed for Toxic Characteristic Leaching Procedures (TCLP) semi-volatile organic compounds (SVOCs), TCLP volatile organic compounds (VOCs), TCLP metals, and ignitability analysis.

Table 1 presents a summary of the reportable concentrations from the TCLP analyses of the composite samples collected from the KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620 monitoring well drill cuttings. Low concentrations of arsenic, barium, chromium, and mercury were detected but were below TCLP regulatory levels. All positive detections were several orders of magnitude below TCLP regulatory limits.

Multiple grab samples were also collected during installation of each well and analyzed for total petroleum hydrocarbons (TPH) by EPA Method 8015 Modified and VOCs by EPA Method 8260. These TPH data are not tabulated although the analytical laboratory analyses sheets for TPH are provided as an attachment.

Low level TPH concentrations were detected in most samples. The maximum detected concentration was 155 mg/kg and most detections were in the range of 4.3 J to 22.4 mg/kg. Additionally, many of

Mr. Steve Kitt
377 MSG/CEANR
January 28, 2009

Page 2 of 2

the detected TPH concentrations from KAFB-10620 were B flagged by the laboratory indicating possible laboratory contamination. The B flag indicates the analyte was found in the associated method blank as well as in the sample.

Please review the attached analytical data and determine if the soil is suitable for disposal at the Kirtland AFB C&D landfill. The roll-off dumpsters are owned by Rinchem and are roll-off numbers A20-077, 104056, 20B-26, 104053, A20-037, A20-060, and A20-051. Upon receiving notification of Kirtland AFB's acceptance of the soil, CH2M HILL will coordinate receipt of the landfill pass with Chugach and transport of the soil with Rinchem.

Should you have any questions regarding this request please feel free to contact me at 884-5600. Thank you for your assistance.

Sincerely,
CH2M HILL

Meredith Brislen
Project Consultant

Attachments:
Table 1: Summary of Reportable Concentrations for Drill Cuttings Analyses from Monitoring Wells KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620, KAFB Bulk Fuels Facility, Kirtland AFB, NM.

c: Mr. Mark Holmes/377 MSG/CEANR
Ms. Sharon Minchak/CH2M HILL ABQ Office

Table 1. Summary of Reportable Concentrations for Drill Cuttings Analyses from Monitoring Wells KAFB-10617, KAFB-10618, KAFB-10619, and KAFB-10620, KAFB Bulk Fuels Facility, Kirtland AFB, NM.

Chemical Class (units) and Laboratory Method	**Analyte**	**Date, Sample ID**			
		12/19/08	12/12/08	12/11/08	12/19/08
		ST106-IDW-10617	ST106-IDW-10618	ST106-IDW-10619	ST106-IDW-10620
TCLP Metals (mg/L)- EPA Method 6010F	Arsenic	0.1 U	0.0421 J	0.1 U	0.1 U
	Barium	0.491	0.593	0.723	0.516
	Chromium	0.0151 J	0.0089 J	0.00617 J	0.00499 J
	Mercury	0.000258 J	0.002 U	0.002 U	0.002 U
Data Qualifiers: J -- Estimated result. Result is less than reporting limit.					
U -- Compound not detected above reporting limit.					

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510940

Matrix: SOIL Lab Sample ID: 251094001 Lab File ID: 940-1.D

Sample wt/vol: 3.92 Units: G Date Received: 11/14/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/18/08 Time: 2002

PercentSolids: 92.9 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.6	U

031208 1921

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510940

Matrix: SOIL Lab Sample ID: 251094001 Lab File ID: 940-01.D

Sample wt/vol: 25.03 Units: G Date Received: 11/14/08

Concentrated Extract Volume: 1 Date Extracted: 11/24/08

Level:(low/med) LOW Date Analyzed: 11/25/08 Time: 1409

PercentSolids: 92.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	5.6	U

031208 1921

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106TB10617-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510940

Matrix: SOIL Lab Sample ID: 251094003 Lab File ID: 940-3.D

Sample wt/vol: 3.45 Units: G Date Received: 11/14/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/18/08 Time: 2059

PercentSolids: 83 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.1	U

031208 1921

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106TB10617-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510940

Matrix: SOIL Lab Sample ID: 251094003 Lab File ID: 940-03.D

Sample wt/vol: 25.17 Units: G Date Received: 11/14/08

Concentrated Extract Volume: 1 Date Extracted: 11/24/08

Level:(low/med) LOW Date Analyzed: 11/25/08 Time: 1438

PercentSolids: 83 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	6.2	U

031208 1921

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106TB10617-120DUP

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510940

Matrix: SOIL Lab Sample ID: 251094004 Lab File ID: 940-4.D

Sample wt/vol: 3.86 Units: G Date Received: 11/14/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/18/08 Time: 2126

PercentSolids: 82.8 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.9	U

031208 1921

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106TB10617-120DUP

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2510940

Matrix: SOIL Lab Sample ID: 251094004 Lab File ID: 940-04.D

Sample wt/vol: 25.72 Units: G Date Received: 11/14/08

Concentrated Extract Volume: 1 Date Extracted: 11/24/08

Level:(low/med) LOW Date Analyzed: 11/25/08 Time: 1507

PercentSolids: 82.8 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	6.1	U

031208 1921

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-200

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No. SAS No: SDG No.: 2510954

Matrix: SOIL Lab Sample ID: 251095401 Lab File ID: 954-1.D

Sample wt/vol: 3.28 Units: G Date Received: 11/17/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/19/08 Time: 1418

PercentSolids: 78.6 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.3	U

031208 1840

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-200

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No. SAS No: SDG No.: 2510954

Matrix: SOIL Lab Sample ID: 251095401 Lab File ID: 954-01.D

Sample wt/vol: 25.52 Units: G Date Received: 11/17/08

Concentrated Extract Volume: 1 Date Extracted: 11/24/08

Level:(low/med) LOW Date Analyzed: 11/25/08 Time: 1536

PercentSolids: 78.6 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	6.4	J

031208 1841

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No. SAS No: SDG No.: 2510954

Matrix: SOIL Lab Sample ID: 251095403 Lab File ID: 954-3.D

Sample wt/vol: 5.16 Units: G Date Received: 11/17/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/19/08 Time: 1452

PercentSolids: 98.2 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.2	U

031208 1840

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No. SAS No: SDG No.: 2510954

Matrix: SOIL Lab Sample ID: 251095403 Lab File ID: 954-03.D

Sample wt/vol: 25.16 Units: G Date Received: 11/17/08

Concentrated Extract Volume: 1 Date Extracted: 11/24/08

Level:(low/med) LOW Date Analyzed: 11/25/08 Time: 1604

PercentSolids: 98.2 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	5.3	U

031208 1841

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No. SAS No: SDG No.: 2510954

Matrix: SOIL Lab Sample ID: 251095404 Lab File ID: 954-4.D

Sample wt/vol: 3.49 Units: G Date Received: 11/17/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/19/08 Time: 1520

PercentSolids: 98.1 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

031208 1840

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No. SAS No: SDG No.: 2510954

Matrix: SOIL Lab Sample ID: 251095404 Lab File ID: 954-04.D

Sample wt/vol: 25.29 Units: G Date Received: 11/17/08

Concentrated Extract Volume: 1 Date Extracted: 11/24/08

Level:(low/med) LOW Date Analyzed: 11/25/08 Time: 1633

PercentSolids: 98.1 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	5.2	U

031208 1841

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No. SAS No: SDG No.: 2510954

Matrix: SOIL Lab Sample ID: 251095405 Lab File ID: 954-5.D

Sample wt/vol: 3.35 Units: G Date Received: 11/17/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/19/08 Time: 1555

PercentSolids: 96.8 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

031208 1840

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No. SAS No: SDG No.: 2510954

Matrix: SOIL Lab Sample ID: 251095405 Lab File ID: 954-05.D

Sample wt/vol: 25.45 Units: G Date Received: 11/17/08

Concentrated Extract Volume: 1 Date Extracted: 11/24/08

Level:(low/med) LOW Date Analyzed: 11/25/08 Time: 1702

PercentSolids: 96.8 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.3	J

031208 1841

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.02.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2510963

Matrix: SOIL Lab Sample ID: 251096302 Lab File ID: 963-2.D

Sample wt/vol: 3.73 Units: G Date Received: 11/18/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/18/08 Time: 2154

PercentSolids: 97.8 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.6	U

031208 1756

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.02.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2510963

Matrix: SOIL Lab Sample ID: 251096302 Lab File ID: 963-02.D

Sample wt/vol: 25.04 Units: G Date Received: 11/18/08

Concentrated Extract Volume: 1 Date Extracted: 11/24/08

Level:(low/med) LOW Date Analyzed: 11/25/08 Time: 1730

PercentSolids: 97.8 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3.9	J

031208 1756

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.02.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2510963

Matrix: SOIL Lab Sample ID: 251096305 Lab File ID: 963-5.D

Sample wt/vol: 4.5 Units: G Date Received: 11/18/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/19/08 Time: 1351

PercentSolids: 95 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.4	U

031208 1756

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10617-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.02.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2510963

Matrix: SOIL Lab Sample ID: 251096305 Lab File ID: 963-05.D

Sample wt/vol: 25.65 Units: G Date Received: 11/18/08

Concentrated Extract Volume: 1 Date Extracted: 11/24/08

Level:(low/med) LOW Date Analyzed: 11/25/08 Time: 1924

PercentSolids: 95 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.4	J

031208 1756

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108309 Lab File ID: 083-9.D

Sample wt/vol: 3.79 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/04/08 Time: 1850

PercentSolids: 98.2 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.6	U

121208 1635

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108309 Lab File ID: 83-9.D

Sample wt/vol: 20.19 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 1 Date Extracted: 12/04/08

Level:(low/med) LOW Date Analyzed: 12/05/08 Time: 1831

PercentSolids: 98.2 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	6.3	J

121208 1635

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108308 Lab File ID: 083-8.D

Sample wt/vol: 4.41 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/04/08 Time: 1758

PercentSolids: 97.9 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.4	U

121208 1635

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108308 Lab File ID: 83-8.D

Sample wt/vol: 20.89 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 1 Date Extracted: 12/04/08

Level:(low/med) LOW Date Analyzed: 12/05/08 Time: 1734

PercentSolids: 97.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	6.2	J

121208 1635

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108307 Lab File ID: 083-7.D

Sample wt/vol: 2.84 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/04/08 Time: 1731

PercentSolids: 88.5 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.4	U

121208 1635

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108307 Lab File ID: 83-7.D

Sample wt/vol: 20.24 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 1 Date Extracted: 12/04/08

Level:(low/med) LOW Date Analyzed: 12/05/08 Time: 1705

PercentSolids: 88.5 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	7.8	

121208 1635

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108301 Lab File ID: 083-1.D

Sample wt/vol: 3.39 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/04/08 Time: 1335

PercentSolids: 97.1 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

121208 1635

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108301 Lab File ID: 83-1.D

Sample wt/vol: 20.58 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 1 Date Extracted: 12/04/08

Level:(low/med) LOW Date Analyzed: 12/05/08 Time: 1217

PercentSolids: 97.1 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.2	J

121208 1635

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108302 Lab File ID: 083-2.D

Sample wt/vol: 4.26 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/04/08 Time: 1401

PercentSolids: 98.1 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.4	U

121208 1635

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108302 Lab File ID: 83-2.D

Sample wt/vol: 20.15 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 1 Date Extracted: 12/04/08

Level:(low/med) LOW Date Analyzed: 12/05/08 Time: 1245

PercentSolids: 98.1 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.5	J

121208 1635

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-300-Dup

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108303 Lab File ID: 083-3.D

Sample wt/vol: 3.57 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/04/08 Time: 1427

PercentSolids: 97.5 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.7	U

121208 1635

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-300-Dup

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108303 Lab File ID: 83-3.D

Sample wt/vol: 20.12 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 1 Date Extracted: 12/04/08

Level:(low/med) LOW Date Analyzed: 12/05/08 Time: 1314

PercentSolids: 97.5 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	7.2	

121208 1635

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108304 Lab File ID: 083-4.D

Sample wt/vol: 4.12 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/04/08 Time: 1515

PercentSolids: 97.9 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.5	U

121208 1635

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108304 Lab File ID: 83-4.D

Sample wt/vol: 20.2 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 1 Date Extracted: 12/04/08

Level:(low/med) LOW Date Analyzed: 12/05/08 Time: 1343

PercentSolids: 97.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	5.5	J

121208 1635

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108305 Lab File ID: 083-5.D

Sample wt/vol: 4.08 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/04/08 Time: 1639

PercentSolids: 98.2 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.5	U

121208 1635

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108305 Lab File ID: 83-5.D

Sample wt/vol: 20.07 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 1 Date Extracted: 12/04/08

Level:(low/med) LOW Date Analyzed: 12/05/08 Time: 1412

PercentSolids: 98.2 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	37.9	

121208 1635

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108306 Lab File ID: 083-6.D

Sample wt/vol: 2.17 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/05/08 Time: 1154

PercentSolids: 81 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	3.4	U

121208 1635

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10618-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511083

Matrix: SOIL Lab Sample ID: 251108306 Lab File ID: 83-6.D

Sample wt/vol: 20.21 Units: G Date Received: 11/25/08

Concentrated Extract Volume: 1 Date Extracted: 12/04/08

Level:(low/med) LOW Date Analyzed: 12/05/08 Time: 1441

PercentSolids: 81 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	5.3	J

121208 1635

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106 TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511185

Matrix: SOIL Lab Sample ID: 251118501 Lab File ID: 185-1.D

Sample wt/vol: 3.55 Units: G Date Received: 12/05/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/12/08 Time: 1111

PercentSolids: 94.1 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

171208 1946

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106 TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511185

Matrix: SOIL Lab Sample ID: 251118501 Lab File ID: 185-1.D

Sample wt/vol: 20.03 Units: G Date Received: 12/05/08

Concentrated Extract Volume: 1 Date Extracted: 12/12/08

Level:(low/med) LOW Date Analyzed: 12/17/08 Time: 0416

PercentSolids: 94.1 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	6.6	J

171208 1947

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106 TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511185

Matrix: SOIL Lab Sample ID: 251118503 Lab File ID: 185-3.D

Sample wt/vol: 3.95 Units: G Date Received: 12/05/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/12/08 Time: 1138

PercentSolids: 86.8 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.7	U

171208 1946

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106 TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511185

Matrix: SOIL Lab Sample ID: 251118503 Lab File ID: 185-3.D

Sample wt/vol: 20.15 Units: G Date Received: 12/05/08

Concentrated Extract Volume: 1 Date Extracted: 12/12/08

Level:(low/med) LOW Date Analyzed: 12/17/08 Time: 0445

PercentSolids: 86.8 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	7.4	U

171208 1947

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-120DUP

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106 TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511185

Matrix: SOIL Lab Sample ID: 251118504 Lab File ID: 185-4.D

Sample wt/vol: 2.55 Units: G Date Received: 12/05/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/12/08 Time: 1204

PercentSolids: 88.9 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.6	U

171208 1946

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-120DUP

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106 TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511185

Matrix: SOIL Lab Sample ID: 251118504 Lab File ID: 185-4.D

Sample wt/vol: 20.06 Units: G Date Received: 12/05/08

Concentrated Extract Volume: 1 Date Extracted: 12/12/08

Level:(low/med) LOW Date Analyzed: 12/17/08 Time: 0514

PercentSolids: 88.9 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.4	J

171208 1947

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511211

Matrix: SOIL Lab Sample ID: 251121102 Lab File ID: 211-2.D

Sample wt/vol: 3.91 Units: G Date Received: 12/08/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/12/08 Time: 1256

PercentSolids: 96.6 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.6	U

221208 1156

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511211

Matrix: SOIL Lab Sample ID: 251121102 Lab File ID: 211-2.D

Sample wt/vol: 20.37 Units: G Date Received: 12/08/08

Concentrated Extract Volume: 1 Date Extracted: 12/12/08

Level:(low/med) LOW Date Analyzed: 12/17/08 Time: 0611

PercentSolids: 96.6 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	3.7	J

221208 1157

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511211

Matrix: SOIL Lab Sample ID: 251121101 Lab File ID: 211-1.D

Sample wt/vol: 3.15 Units: G Date Received: 12/08/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/12/08 Time: 1230

PercentSolids: 97.4 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2	U

221208 1156

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511211

Matrix: SOIL Lab Sample ID: 251121101 Lab File ID: 211-1.D

Sample wt/vol: 20.11 Units: G Date Received: 12/08/08

Concentrated Extract Volume: 1 Date Extracted: 12/12/08

Level:(low/med) LOW Date Analyzed: 12/17/08 Time: 0543

PercentSolids: 97.4 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	6.6	U

221208 1157

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511221

Matrix: SOIL Lab Sample ID: 251122102 Lab File ID: 221-2.D

Sample wt/vol: 2.46 Units: G Date Received: 12/09/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/12/08 Time: 1322

PercentSolids: 86.3 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.8	U

221208 1815

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511221

Matrix: SOIL Lab Sample ID: 251122102 Lab File ID: 221-2.D

Sample wt/vol: 20.16 Units: G Date Received: 12/09/08

Concentrated Extract Volume: 1 Date Extracted: 12/12/08

Level:(low/med) LOW Date Analyzed: 12/17/08 Time: 0640

PercentSolids: 86.3 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	155	

221208 1816

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511221

Matrix: SOIL Lab Sample ID: 251122103 Lab File ID: 221-3.D

Sample wt/vol: 3.15 Units: G Date Received: 12/09/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/12/08 Time: 1348

PercentSolids: 97.3 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2	U

221208 1815

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511221

Matrix: SOIL Lab Sample ID: 251122103 Lab File ID: 221-3.D

Sample wt/vol: 20.9 Units: G Date Received: 12/09/08

Concentrated Extract Volume: 1 Date Extracted: 12/12/08

Level:(low/med) LOW Date Analyzed: 12/17/08 Time: 0709

PercentSolids: 97.3 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	14.7	

221208 1816

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511221

Matrix: SOIL Lab Sample ID: 251122104 Lab File ID: 221-4.D

Sample wt/vol: 4.2 Units: G Date Received: 12/09/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/13/08 Time: 1222

PercentSolids: 97.9 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.4	U

221208 1815

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511221

Matrix: SOIL Lab Sample ID: 251122104 Lab File ID: 221-4.D

Sample wt/vol: 20.77 Units: G Date Received: 12/09/08

Concentrated Extract Volume: 1 Date Extracted: 12/12/08

Level:(low/med) LOW Date Analyzed: 12/17/08 Time: 0807

PercentSolids: 97.9 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	6	J

221208 1816

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511221

Matrix: SOIL Lab Sample ID: 251122107 Lab File ID: 221-7.D

Sample wt/vol: 3.55 Units: G Date Received: 12/09/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/13/08 Time: 1248

PercentSolids: 94.2 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

221208 1815

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10619-480

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland ST106/ TO313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511221

Matrix: SOIL Lab Sample ID: 251122107 Lab File ID: 221-7.D

Sample wt/vol: 20.07 Units: G Date Received: 12/09/08

Concentrated Extract Volume: 1 Date Extracted: 12/12/08

Level:(low/med) LOW Date Analyzed: 12/17/08 Time: 0934

PercentSolids: 94.2 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	6.9	U

221208 1816

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511286

Matrix: SOIL Lab Sample ID: 251128601 Lab File ID: 286-1.D

Sample wt/vol: 3.23 Units: G Date Received: 12/13/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/16/08 Time: 1250

PercentSolids: 90.2 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.028	JB

291208 1659

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-060

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511286

Matrix: SOIL Lab Sample ID: 251128601 Lab File ID: 286-1.D

Sample wt/vol: 20.14 Units: G Date Received: 12/13/08

Concentrated Extract Volume: 1 Date Extracted: 12/21/08

Level:(low/med) LOW Date Analyzed: 12/27/08 Time: 0233

PercentSolids: 90.2 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	10.1	

291208 1659

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS16020-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511331

Matrix: SOIL Lab Sample ID: 251133101 Lab File ID: 331-1.D

Sample wt/vol: 2.97 Units: G Date Received: 12/18/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/24/08 Time: 1009

PercentSolids: 80.2 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.026	JB

060109 1712

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS16020-120

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland AFB / TO-313

Lab Code : PEL Case No.: SAS No: SDG No.: 2511331

Matrix: SOIL Lab Sample ID: 251133101 Lab File ID: 331-1.D

Sample wt/vol: 20.49 Units: G Date Received: 12/18/08

Concentrated Extract Volume: 1 Date Extracted: 12/21/08

Level:(low/med) LOW Date Analyzed: 12/27/08 Time: 0302

PercentSolids: 80.2 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	4.7	B

060109 1712

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511348

Matrix: SOIL Lab Sample ID: 251134801 Lab File ID: 348-1.D

Sample wt/vol: 3.11 Units: G Date Received: 12/19/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/24/08 Time: 1038

PercentSolids: 95.5 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.022	JB

311208 1438

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-180

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511348

Matrix: SOIL Lab Sample ID: 251134801 Lab File ID: 348-1.D

Sample wt/vol: 20.09 Units: G Date Received: 12/19/08

Concentrated Extract Volume: 1 Date Extracted: 12/23/08

Level:(low/med) LOW Date Analyzed: 12/27/08 Time: 0526

PercentSolids: 95.5 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	10	

311208 1439

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511348

Matrix: SOIL Lab Sample ID: 251134802 Lab File ID: 348-2.D

Sample wt/vol: 3.38 Units: G Date Received: 12/19/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/24/08 Time: 1107

PercentSolids: 97.3 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

311208 1438

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-240

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511348

Matrix: SOIL Lab Sample ID: 251134802 Lab File ID: 348-2.D

Sample wt/vol: 20.64 Units: G Date Received: 12/19/08

Concentrated Extract Volume: 1 Date Extracted: 12/23/08

Level:(low/med) LOW Date Analyzed: 12/27/08 Time: 0555

PercentSolids: 97.3 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	22.4	

311208 1439

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511348

Matrix: SOIL Lab Sample ID: 251134803 Lab File ID: 348-3.D

Sample wt/vol: 3.41 Units: G Date Received: 12/19/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/24/08 Time: 1136

PercentSolids: 96.7 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	1.8	U

311208 1438

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-300

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511348

Matrix: SOIL Lab Sample ID: 251134803 Lab File ID: 348-3.D

Sample wt/vol: 20.08 Units: G Date Received: 12/19/08

Concentrated Extract Volume: 1 Date Extracted: 12/23/08

Level:(low/med) LOW Date Analyzed: 12/27/08 Time: 0624

PercentSolids: 96.7 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	18	

311208 1439

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511354

Matrix: SOIL Lab Sample ID: 251135405 Lab File ID: 354-5.D

Sample wt/vol: 3.01 Units: G Date Received: 12/20/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/24/08 Time: 1515

PercentSolids: 94.6 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.1	U

050109 1743

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-360

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511354

Matrix: SOIL Lab Sample ID: 251135405 Lab File ID: 354-5.D

Sample wt/vol: 20.03 Units: G Date Received: 12/20/08

Concentrated Extract Volume: 1 Date Extracted: 12/23/08

Level:(low/med) LOW Date Analyzed: 12/27/08 Time: 0918

PercentSolids: 94.6 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	11.4	

050109 1743

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511354

Matrix: SOIL Lab Sample ID: 251135401 Lab File ID: 354-1.D

Sample wt/vol: 3.34 Units: G Date Received: 12/20/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/24/08 Time: 1417

PercentSolids: 92.8 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	0.022	JB

050109 1743

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-420

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511354

Matrix: SOIL Lab Sample ID: 251135401 Lab File ID: 354-1.D

Sample wt/vol: 20.16 Units: G Date Received: 12/20/08

Concentrated Extract Volume: 1 Date Extracted: 12/23/08

Level:(low/med) LOW Date Analyzed: 12/27/08 Time: 0653

PercentSolids: 92.8 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	7.7	

050109 1743

Form I

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-420Dup

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511354

Matrix: SOIL Lab Sample ID: 251135402 Lab File ID: 354-2R.D

Sample wt/vol: 2.56 Units: G Date Received: 12/20/08

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/24/08 Time: 1544

PercentSolids: 82.8 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-502.2 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C610	TPH C6-C10	2.8	U

050109 1743

Form I

1

8015 DRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106SS10620-420Dup

Lab Name: PEL, Spectrum Analytical, Inc. Contract: Kirtland 376920.05.02.01

Lab Code : PEL Case No.: SAS No: SDG No.: 2511354

Matrix: SOIL Lab Sample ID: 251135402 Lab File ID: 354-2.D

Sample wt/vol: 20.32 Units: G Date Received: 12/20/08

Concentrated Extract Volume: 1 Date Extracted: 12/23/08

Level:(low/med) LOW Date Analyzed: 12/27/08 Time: 0751

PercentSolids: 82.8 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8015

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*
TPH-C1028	TPH C10-C28	5.6	J

050109 1743

Form I

CH2M HILL
4041 Jefferson Plaza NE
Suite 200
Albuquerque, NM 87109
Tel 505.884.5600
Fax 505.883.7507

7 January, 2009

Mr. Mark Holmes
377 MSG/CEANR
2050 Wyoming Boulevard, S.E.
Kirtland Air Force Base, NM 87117-5270

Subject: Request for Disposal of Purge Water from Monitoring Wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, and KAFB-10616.

Dear Mr. Holmes:

CH2M HILL is requesting permission to dispose of purge water generated during the development and sampling of groundwater monitoring wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, and KAFB-10616. During October and November of 2008, CH2M HILL conducted post-installation well development and sampling activities for five monitoring wells in association with the Bulk Fuels Facility, ST-106.

The sampling activities took place from October 27 through November 3, 2008. Table 1 contains details of the purge water quantity for each well. The proposed method of disposal is discharging the groundwater onto the ground surface north of the Bulk Fuels Facility northern fence and east of Fuels Drive, in the area used as the equipment staging area during the recent drilling activities. During disposal, the discharge flow will be regulated to ensure that water will not flow into storm sewers or arroyos, and will remain confined to the ground surface in the staging area. The approximately 2245 total gallons of purge water are currently contained in one 2000 gallon polyethylene tank and five 55 gallon drums, all of which are stored in the staging area.

Table 2 presents a summary of the groundwater analytical results. In addition to the groundwater samples, an equipment blank sample was also collected. The equipment blank analytical results can also be found on Table 2. All samples were analyzed for volatile organic compounds (VOCs) by EPA method 8260; semi-volatile organic compounds (SVOCs) by EPA method 8270; 1,2-dibromoethane (EDB) and 1,2-dibromo-3-chloropropane (DBCP) by method 8011; Total Petroleum Hydrocarbons (TPH) as gasoline range organics (GRO), and diesel range organics (DRO) by method 8015B; polynuclear aromatic hydrocarbons (PAHs) by method 8310; dissolved iron and manganese by method 6010b; and nitrate by method 300.1. Analytical results are compared to the New Mexico Water Quality Control Commission Regulations - Human Health Standards (NMWQCC-HHS) (20.6.2.3103NMAC, September 26, 2004). Regulatory standards used for comparison are included in Table 2.

Several organic compounds were detected that do not have either a NMWQCC-HHS or an EPA Maximum Contaminant Level (MCL), of those fluorene is the only compound listed on the NMWQCC list of toxic pollutants (20.6.2.7 NMAC, September 26, 2004). Fluorene was detected in the equipment blank sample, and the groundwater samples from all wells except KAFB-10616.

Mr. Mark Holmes
7 January, 2009
Page 2 of 2

Dissolved iron was detected in the groundwater sample and duplicate from well KAFB-10611 at concentrations of 0.774 mg/L and 1.05 mg/L respectively. The duplicate sample concentration exceeds the NMWQCC Other Standards for Domestic Water Supply for iron of 1.0 mg/L.

Dissolved manganese was detected in the groundwater sample and duplicate from well KAFB-10611, at concentrations of 0.272 mg/L, and 0.285 mg/L respectively. These concentrations exceed the NMWQCC Other Standards for Domestic Water Supply for manganese of 0.2 mg/L.

Other analytes were detected at levels below their respective standards or were not detected.

As presented on Table 2, many of the analytes detected in the groundwater samples were also detected in the equipment blank sample. It is expected that, during the data validation process, analytes detected in the groundwater samples that are also present in the equipment blank will be determined to be the result of lab or field contamination and not thus not be present in the groundwater samples.

Upon completion of your review of this information, please provide CH2M HILL with your comments or approval to dispose of the purge water described above.

Sincerely,

CH2M HILL, Inc.

Meredith L Brislen

Meredith Brislen
Staff Geologist

Attachments: Table 1. Summary of Purge Water Quantity, Sources, Sample IDs and Proposed Disposal Locations.
Table 2. Groundwater Analytical Results Summary, Monitoring Wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, and KAFB-10616, Kirtland AFB, New Mexico.

Table 1. Summary of Purge Water Quantity, Sources, Sample IDs and Proposed Disposal Locations

Source [Well ID]	Volume of Purge Water	Sample ID	Proposed Disposal Location
KAFB-10611	700 gallons	ST106-GW-10611-27102008 ST106-GW-10611-27102008DUP	On ground surface north of the Bulk Fuels Facility northern fence east of Fuels Drive.
KAFB-10612	380 gallons	ST106-GW-10612-28102008	
KAFB-10613	360 gallons	ST106-GW-10613-28102008	
KAFB-10615	520 gallons	ST106-GW-10615-03112008	
KAFB-10616	285 gallons	ST106-GW-10616-30102008	

Table 2. Groundwater Analytical Results Summary, Monitoring Wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB 10615, and KAFB-10616

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-10611 10/27/08	KAFB-10611 Field Duplicate 10/27/08	KAFB-10612 10/28/08	KAFB-10613 10/28/08	KAFB-10615 11/03/08	KAFB-10616 10/30/08	Equipment Blank 11/03/08
TPH (µg/L)	Gasoline Range Organics	NA	52 J	59 J	64 U	64 U	64 U	64 U	64 U
Method 8015	Diesel Range Organics	NA	150 J	180 J	130 J	130 J	278 U	237 U	180 J
VOCs (µg/L)	1,1,1,2-Tetrachloroethane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Method 8260	1,1,1-Trichloroethane	60	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2,2-Tetrachloroethane	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2-Trichloroethane	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethane	25	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,3-Trichlorobenzene	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
	1,2,3-Trichloropropane	NA	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
	1,2,4-Trichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,4-Trimethylbenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dibromo-3-chloropropane (DBCP)[b]	NA	0.02 U	0.02 U	0.0199 U	0.02 U	0.0196 U	0.0199 U	0.0196 U
	1,2-Dibromoethane (EDB) [b]	0.1	0.054	0.043	0.0199 U	0.02 U	0.0196 U	0.0199 U	0.0196 U
	1,2-Dichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloroethane	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3,5-Trimethylbenzene	NA	1 U	1 U	1 U	0.24 J	1 U	1 U	1 U
	1,3-Dichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichloropropane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2,2-Dichloropropane	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	2-Butanone (MEK)	NA	6 U	6 U	6 U	6 U	6 U	6 U	6 U
	2-Chlorotoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2-Hexanone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	4-Chlorotoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Isopropyltoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Methyl-2-pentanone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Acetone	NA	10 U	10 U	10 U	10 U	10 U	5.2 J	10 U
	Benzene	10	0.21 J	0.2 J	3.6	0.65 J	1 U	1 U	1 U

Table 2. Groundwater Analytical Results Summary, Monitoring Wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB 10615, and KAFB-10616

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-10611 10/27/08	KAFB-10611 Field Duplicate 10/27/08	KAFB-10612 10/28/08	KAFB-10613 10/28/08	KAFB-10615 11/03/08	KAFB-10616 10/30/08	Equipment Blank 11/03/08
VOCs (µg/L) Method 8260	Bromobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromochloromethane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromodichloromethane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromoform	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromomethane	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon disulfide	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon tetrachloride	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloroethane	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Chloroform	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloromethane	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	cis-1,2-Dichloroethene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,3-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromochloromethane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromomethane	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
	Dichlorodifluoromethane	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Ethylbenzene	750	1 U	1 U	1 U	0.66 J	1 U	1 U	1 U
	Hexachlorobutadiene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Isopropylbenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Methyl tert-butyl ether	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Methylene chloride	100	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	m-Xylene & p-Xylene	NA	0.34 J	0.28 J	0.62 J	2.1	2 U	2 U	2 U
	Naphthalene	30 [c]	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	n-Butylbenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	n-Propylbenzene	NA	1 U	1 U	1 U	0.3 J	1 U	1 U	1 U
	o-Xylene	NA	1 U	1 U	0.28 J	0.93 J	1 U	1 U	1 U
	sec-Butylbenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Styrene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	tert-Butylbenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Tetrachloroethene	20	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Toluene	750	0.76 J	0.71 J	4.3	3.7	0.98 J	0.84 J	0.31 J
	trans-1,2-Dichloroethene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	trans-1,3-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 2. Groundwater Analytical Results Summary, Monitoring Wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB 10615, and KAFB-10616

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-10611 10/27/08	KAFB-10611 Field Duplicate 10/27/08	KAFB-10612 10/28/08	KAFB-10613 10/28/08	KAFB-10615 11/03/08	KAFB-10616 10/30/08	Equipment Blank 11/03/08
VOCs (µg/L) Method 8260	Trichloroethene	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Trichlorofluoromethane	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Vinyl chloride	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Xylenes (total)	620	0.34 J	0.28 J	0.9 J	3	3 U	3 U	3 U
SVOCs (µg/L) Method 8270	1,2-Dichlorobenzene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	1,3-Dinitrobenzene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	2,4,5-Trichlorophenol	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	2,4,6-Trichlorophenol	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	2,4-Dimethylphenol	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	2,4-Dinitrophenol	NA	64.2 U	64.2 U	63.5 U	63.8 U	64.2 U	63.2 U	64.2 U
	2,4-Dinitrotoluene	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	2,6-Dinitrotoluene	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	2-Chloronaphthalene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	2-Chlorophenol	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	2-Methylnaphthalene	30 [c]	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	2-Methylphenol	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	2-Nitroaniline	NA	53.5 U	53.5 U	52.9 U	53.2 U	53.5 U	52.6 U	53.5 U
	2-Nitrophenol	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	3,3'-Dichlorobenzidine	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	3-Nitroaniline	NA	53.5 U	53.5 U	52.9 U	53.2 U	53.5 U	52.6 U	53.5 U
	4,6-Dinitro-2-methylphenol	NA	64.2 U	64.2 U	63.5 U	63.8 U	64.2 U	63.2 U	64.2 U
	4-Bromophenyl phenyl ether	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	4-Chloro-3-methylphenol	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	4-Chloroaniline	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	4-Chlorophenyl phenyl ether	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	4-Methylphenol		21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	4-Nitroaniline	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	4-Nitrophenol	NA	53.5 U	53.5 U	52.9 U	53.2 U	53.5 U	52.6 U	53.5 U
	Acenaphthene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Acenaphthylene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Anthracene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Benzidine	NA	160 U	160 U	159 U	160 U	160 U	158 U	160 U
	Benzo(a)anthracene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U

Table 2. Groundwater Analytical Results Summary, Monitoring Wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB 10615, and KAFB-10616

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-10611 10/27/08	KAFB-10611 Field Duplicate 10/27/08	KAFB-10612 10/28/08	KAFB-10613 10/28/08	KAFB-10615 11/03/08	KAFB-10616 10/30/08	Equipment Blank 11/03/08
SVOCs (µg/L) Method 8270	Benzo(a)pyrene	0.7	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Benzo(b)fluoranthene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Benzo(ghi)perylene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Benzo(k)fluoranthene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Benzoic acid	NA	64.2 U	64.2 U	63.5 U	63.8 U	64.2 U	63.2 U	64.2 U
	bis(2-Chloroethoxy)methane	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	bis(2-Chloroethyl) ether	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	bis(2-Ethylhexyl) phthalate	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Butyl benzyl phthalate	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	Chrysene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Dibenz(a,h)anthracene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Dibenzofuran	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Diethyl phthalate	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Dimethyl phthalate	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Di-n-butyl phthalate	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	Di-n-octyl phthalate	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	Fluoranthene	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	Fluorene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Hexachlorobenzene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Hexachlorobutadiene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Hexachlorocyclopentadiene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Hexachloroethane	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Indeno(1,2,3-cd)pyrene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Naphthalene	30 [c]	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Nitrobenzene	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	N-Nitrosodi-n-propylamine	NA	21.4 U	21.4 U	21.2 U	21.3 U	21.4 U	21 U	21.4 U
	N-Nitrosodiphenylamine	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Pentachlorophenol	NA	64.2 U	64.2 U	63.5 U	63.8 U	64.2 U	63.2 U	64.2 U
	Phenanthrene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Phenol	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U
	Pyrene	NA	10.7 U	10.7 U	10.6 U	10.6 U	10.7 U	10.5 U	10.7 U

Table 2. Groundwater Analytical Results Summary, Monitoring Wells KAFB-10611, KAFB-10612, KAFB-10613, KAFB 10615, and KAFB-10616

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-10611 10/27/08	KAFB-10611 Field Duplicate 10/27/08	KAFB-10612 10/28/08	KAFB-10613 10/28/08	KAFB-10615 11/03/08	KAFB-10616 10/30/08	Equipment Blank 11/03/08
PAHs (µg/L) Method 8310	1-Methylnaphthalene	30 [c]	1.3	1.1	0.69 J	1.1	0.25 J	0.44 J	1 J
	2-Methylnaphthalene	30 [c]	1.6	1.4	0.96 J	1.6	0.38 J	0.62 J	1.2 J
	Acenaphthene	NA	0.18 J	0.15 J	0.1 J	0.14 J	0.036 J	1 U	0.22 J
	Acenaphthylene	NA	1 U	1 U	1 U	1.1 U	1.1 U	1 U	1.1 U
	Anthracene	NA	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
	Benzo(a)anthracene	NA	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.089 J
	Benzo(a)pyrene	0.7	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
	Benzo(b)fluoranthene	NA	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
	Benzo(ghi)perylene	NA	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
	Benzo(k)fluoranthene	NA	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
	Chrysene	NA	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
	Dibenzo(a,h)anthracene	NA	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
	Fluoranthene	NA	0.42 U	0.42 U	0.42 U	0.42 U	0.43 U	0.42 U	0.43 U
	Fluorene	NA	0.28 J	0.24 J	0.16 J	0.19 J	0.064 J	0.32 U	0.41
	Indeno(1,2,3-cd)pyrene	NA	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
	Naphthalene	30 [c]	0.38 J	0.38 J	0.23 J	0.34 J	0.2 J	0.18 J	29
	Phenanthrene	NA	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
	Pyrene	NA	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Anions (mg/L) Method 300.0	Nitrate	10	10 U	0.018 J	0.047 J	0.0471 J	0.318 J	0.027 J	0.0313 J
Metals (mg/L) Method 6010	Iron, dissolved	1	0.774	**1.05**	0.017 J	0.129	0.0428 J	0.143	0.0137 J
	Manganese, dissolved	0.2	**0.272**	**0.285**	0.0487	0.0627	0.11	0.166	0.00156 J

a. New Mexico Water Quality Control Commission (WQCC) Regulations. Concentrations exceeding standards shown in **BOLD**.

b. Samples analyzed for EDB using Methods 8260 and 8011. Table includes only Method 8011 results because this method has a lower quantitation limit.

c. The WQCC regulation for PAHs of 30 µg/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

d. Nitrate/Nitrate has an NMED HWB Approved Background Concentration, SNL/Kirtland AFB, Chemical Constituents in Ground Water of 4.0 mg/L. Concentrations exceeding background shown in *italics*.

Shading indicates the analyte was detected.

NA - not applicable U - not detected above Laboratory Reporting Limit

J - estimated value, concentration is less than Laboratory Reporting Limit but greater than Laboratory Method Detection Limit

CH2M HILL
4041 Jefferson Plaza NE
Suite 200
Albuquerque, NM 87109
Tel 505.884.5600
Fax 505.883.7507

2 April 2009

Mr. Mark Holmes
377 MSG/CEANR
2050 Wyoming Boulevard, S.E.
Kirtland Air Force Base, NM 87117-5270

Subject: Request for Disposal of Purge Water from Monitoring Wells KAFB-1061, KAFB-1062, KAFB-1063, KAFB-1064, KAFB-1067, KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10619, KAFB-10620, and KAFB-3411.

Dear Mr. Holmes:

CH2M HILL is requesting permission to dispose of purge water generated during the sampling of groundwater monitoring wells KAFB-1061, KAFB-1062, KAFB-1063, KAFB-1064, KAFB-1067, KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, and KAFB-3411, and during the development and sampling of KAFB-10617, KAFB-10619, KAFB-10620. During October and November of 2008, and January and February of 2009, CH2M HILL conducted sampling activities for fifteen monitoring wells in association with the Bulk Fuels Facility. Additionally, during January of 2009 groundwater monitoring wells KAFB-10617, KAFB-10619, and KAFB-10620 were developed after their installation prior to sampling.

The sampling activities took place from October 27 through November 3, 2008 and January 20 through February 2, 2009. Table 1 contains details of the purge water quantity for each well. Monitoring wells KAFB-1061, KAFB-1062, KAFB-1063, KAFB-1067, and KAFB-3411 have dedicated purge water storage tanks, or drums stored at the well head. The proposed method of disposal of the water from these wells, and well KAFB-1064 whose water is stored in the KAFB-1061 tank, is discharging the groundwater onto the ground surface near each monitoring well head. The other wells, KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10619, and KAFB-10620 do not have dedicated tanks and the water from sampling and developing these wells is currently contained in twenty 55-gallon drums stored north of the Bulk Fuels Facility northern fence and east of Fuels Drive, in the area used as the equipment staging area during the recent drilling activities. The proposed disposal method of the water from these wells is discharge of the water from the drums onto the ground surface at the staging area. During disposal, the discharge flow will be regulated to ensure that water will not flow into storm sewers or arroyos, and will remain confined to the ground surface in either the staging area, or the monitoring well head.

Table 2 presents a summary of the groundwater analytical results. All samples were analyzed for volatile organic compounds (VOCs) by EPA method 8260; semi-volatile organic compounds (SVOCs) by EPA method 8270; 1,2-dibromoethane (EDB) and 1,2-dibromo-3-chloropropane (DBCP) by either method 8011 or method 504.1; Total Petroleum Hydrocarbons (TPH) as gasoline range organics (GRO), and diesel range organics (DRO) by method 8015B; polynuclear aromatic

hydrocarbons (PAHs) by method 8310; dissolved iron and manganese by method 6010B; and nitrate and sulfate by method 300.1. Analytical results are compared to the New Mexico Water Quality Control Commission Regulations - Human Health Standards (NMWQCC-HHS) (20.6.2.3103NMAC, September 26, 2004). Regulatory standards used for comparison are included in Table 2.

Several organic compounds were detected at concentrations that exceed the NMWQCC-HHS. Benzene was detected in groundwater samples collected from KAFB-1061, KAFB-10612 and KAFB-10617 at concentrations of 22 µg/L, 166 µg/L, and 11 µg/L respectively. The NMWQCC-HHS for benzene is 10 µg/L. EDB was detected in the October 2008 groundwater sample collected from KAFB-1061 at a concentration of 3.1 µg/L, and in the January 2009 samples from KAFB-10617 and KAFB-10619 at estimated concentrations of 4.4 J µg/L and 0.86 µg/L respectively. The NWQCC-HHS for EDB is 0.1 µg/L. Although the concentrations of Benzene and EDB from KAFB-1061 exceeded the NMWQCC regulatory standard the water contained in the polyethylene tank is a combination of groundwater from KAFB-1061 and KAFB-1064 and is therefore considered dilute. Additionally, although the benzene concentration from KAFB-10612 greatly exceeds the NMWQCC-HHS, KAFB-10612 accounts for only 38 of the 915 gallons of water proposed to be discharged onto the ground surface at the equipment staging area.

Bis(2-Ethylhexyl) phthalate is the only compound that does not have a NMWQCC-HHS that was detected at concentrations exceeding the EPA Maximum Contaminant Level (MCL). Bis(2-Ethylhexyl) phthalate was detected in October 2008 groundwater samples collected from KAFB-1063, KAFB-1064, and KAFB-3411 at concentrations of 6.3 µg/L, 7.2 µg/L, and 7.3 µg/L respectively, and in the January 2009 groundwater sample from KAFB-1061 at a concentration of 7 µg/L. The EPA MCL for bis(2-Ethylhexyl) phthalate is 6 µg/L.

Several organic compounds were detected that do not have either a NMWQCC-HHS or an EPA MCL, of those fluorine, flouranthene, and phenol are the only compounds listed on the NMWQCC list of toxic pollutants (20.6.2.7 NMAC, September 26, 2004). Flourene was detected in the January 21, 2009 KAFB-1064 groundwater sample. Flouranthene was detected the January 21, 2009 KAFB-10616 groundwater sample. Phenol was detected in the January KAFB-10611, KAFB-10613, and KAFB-10616 groundwater samples.

1,1-Dichloroethene and vinyl chloride were not detected in any of the samples collected during either the October 2008 or the January 2009 sampling events. However, the October 2008 sample collected from well KAFB-3411 has a laboratory reporting limit of 6.7 µg/L for 1,1-Dichloroethene and vinyl chloride. This reporting limit exceeds the NMWQCC-HHS of 5 µg/L for 1,1-Dichloroethene and 1 µg/L for vinyl chloride. Neither compound has ever been detected in samples collected from monitoring well KAFB-3411. Additionally the compound benzo(a)pyrene has a HHS of 0.7 µg/L which was exceeded by the laboratory reporting limit for all samples collected during the October 2008 and January 2009 sampling events.

Dissolved manganese was detected in groundwater samples collected from all wells except KAFB-1063. A dissolved manganese concentration, that exceeds the NMWQCC Other Standards for Domestic Water Supply for manganese of 0.2 mg/L, was detected in the February 2, 2009 sample collected from KAFB-10612 at a concentration of 0.343 mg/L, and in the October 2008 and January 2009 samples from well KAFB-3411 at concentrations of 0.26 mg/L and 0.208 mg/L respectively. All other detected concentrations of dissolved manganese did not exceed the NWQCC Other Standards for Domestic Water Supply for manganese.

Other analytes were detected at levels below their respective standards or were not detected.

Mr. Mark Holmes
2 April 2009
Page 3 of 3

Upon completion of your review of this information, please provide CH2M HILL with your comments or approval to dispose of the purge water described above.

Sincerely,

CH2M HILL, Inc.

Meredith Brislen
Staff Geologist

Attachments: Table 1. Summary of Purge Water Quantity, Sources, Sample IDs and Proposed Disposal Locations.
Table 2. Groundwater Analytical Results Summary, Bulk Fuels Facility Monitoring Wells, Kirtland AFB, New Mexico.

Table 1. Summary of Purge Water Quantity, Sources, Sample IDs and Proposed Disposal Locations

Source (Well ID)	Volume of Purge Water (gallons)	Sample ID	Proposed Disposal Location
KAFB-1061 & KAFB-1064	120	ST106-GW-1061-29102008 ST106-GW-1061-27012009 ST106-GW-1064-28102008 ST106-GW-1064-21012009	On soil at well KAFB-1061 on the north side of Bulk Fuels Facility.
KAFB-1062	72	ST106-GW-1062-30102008 ST106-GW-1062-20012009 ST106-GW-1062-20012009-DUP	On soil at well KAFB-1062 across Randolph Avenue from Building 1025.
KAFB-1063	82	ST106-GW-1063-29102008 ST106-GW-1063-20012009	On soil at well KAFB-1063 near intersection of Short Drive and Randolph Avenue.
KAFB-1067	90	ST106-GW-1067-29102008 ST106-GW-1067-27012009 ST106-GW-1067-27012009-DUP	On soil at well KAFB-1067 inside fuel storage tank secondary containment berm.
KAFB-3411	82	ST106-GW-3411-301102008 ST106-GW-3411-20012009	On soil at well KAFB-3411 on south side of Bulk Fuels Facility.
KAFB-10611	33	ST106-GW-10611-26012009	On ground surface north of the Bulk Fuels Facility northern fence east of Fuels Drive, in the area used as the equipment staging area during the recent drilling activities.
KAFB-10612	38	ST106-GW-10612-02022008	
KAFB-10613	45	ST106-GW-10613-22012009	
KAFB-10615	45	ST106-GW-10615-26012009	
KAFB-10616	38	ST106-GW-10616-27012009	
KAFB-10617	240	ST106-GW-10617-23012009	
KAFB-10619	238	ST106-GW-10619-23012009	
KAFB-10620	238	ST106-GW-10620-22072009	

Table 2. Groundwater Analytical Results Summary,
Bulk Fuels Facility Monitoring Wells,
Kirtland AFB, New Mexico.

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-1061		KAFB-1062			KAFB-1063		KAFB-1064		KAFB-1067		
			10/29/2008	1/27/2009	10/30/2008	1/20/2009	1/20/2009 DUP	10/29/2008	1/20/2009	10/28/2008	1/21/2009	10/29/2008	1/27/2009	1/27/2009 DUP
TPH (µg/L)	Gasoline Range Organics	NA	340	140	60	74	81	25 U	64 U	42	86	56	33 J	33 J
Method 8015	Diesel Range Organics	NA	250 U	278 U	250 U	255 U	256 U	250 U	260 U	250 U	254 U	250 U	280 U	260 U
VOCs (µg/L)	1,1,1,2-Tetrachloroethane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Method 8260	1,1,1-Trichloroethane	60	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2,2-Tetrachloroethane	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2-Trichloroethane	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethane	25	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,3-Trichlorobenzene	NA	1 U	1.2 U	1 U	1.2 U	1.2 U	1 U	1.2 U	1 U	1.2 U	1 U	1.2 U	1.2 U
	1,2,3-Trichloropropane	NA	1 U	1.5 U	1 U	1.5 U	1.5 U	1 U	1.5 U	1 U	1.5 U	1 U	1.5 U	1.5 U
	1,2,4-Trichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,4-Trimethylbenzene	NA	0.37 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dibromo-3-chloropropane (DBCP) [b]	NA	5 U	0.0199 U	5 U	0.02 U	0.02 U	5 U	0.02 U	5 U	0.02 U	5 U	0.02 U	0.02 U
	1,2-Dibromoethane (EDB) [b]	0.1	**3.1**	0.038 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
	1,2-Dichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloroethane	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3,5-Trimethylbenzene	NA	0.26 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichloropropane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2,2-Dichloropropane	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	2-Butanone (MEK)	NA	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
	2-Chlorotoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2-Hexanone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	4-Chlorotoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Isopropyltoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Methyl-2-pentanone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Acetone	NA	86	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Benzene	10	**22**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromochloromethane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromodichloromethane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromoform	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromomethane	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon disulfide	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon tetrachloride	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloroethane	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Chloroform	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloromethane	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	cis-1,2-Dichloroethene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,3-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromochloromethane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromomethane	NA	1 U	1.1 U	1 U	1.1 U	1.1 U	1 U	1.1 U	1 U	1.1 U	1 U	1.1 U	1.1 U
	Dichlorodifluoromethane	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Ethylbenzene	750	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Isopropylbenzene	NA	0.59 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 2. Groundwater Analytical Results Summary,
Bulk Fuels Facility Monitoring Wells,
Kirtland AFB, New Mexico.

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-1061		KAFB-1062			KAFB-1063		KAFB-1064		KAFB-1067		
			10/29/2008	1/27/2009	10/30/2008	1/20/2009	1/20/2009 DUP	10/29/2008	1/20/2009	10/28/2008	1/21/2009	10/29/2008	1/27/2009	1/27/2009 DUP
VOCs (µg/L) Method 8260	Methyl tert-butyl ether	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Methylene chloride	100	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	m-Xylene & p-Xylene	620 [d]	6.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Naphthalene	30 [c]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	n-Butylbenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	n-Propylbenzene	NA	0.17 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	o-Xylene	620 [d]	2.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	sec-Butylbenzene	NA	0.19 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Styrene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	tert-Butylbenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Tetrachloroethene	20	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Toluene	750	32	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	trans-1,2-Dichloroethene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	trans-1,3-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Trichloroethene	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Trichlorofluoromethane	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Vinyl chloride	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Xylenes (total)	620 [d]	9.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	3 U	3 U
SVOCs (µg/L) Method 8270	1,2-Dichlorobenzene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	1,2-Diphenylhydrazine (as Azobenzene)	NA	10 U	NS	10 U	NS	NS	10 U	NS	10 U	NS	10 U	NS	NS
	1,3-Dinitrobenzene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	2,4,5-Trichlorophenol	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	2,4,6-Trichlorophenol	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	2,4-Dichlorophenol	NA	10 U	NS	10 U	NS	NS	10 U	NS	10 U	NS	10 U	NS	NS
	2,4-Dimethylphenol	NA	1.5 J	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	2,4-Dinitrophenol	NA	60 U	62.8 U	60 U	61.8 U	61.2 U	60 U	61.8 U	60 U	61.8 U	60 U	63.2 U	58.2 U
	2,4-Dinitrotoluene	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	2,6-Dinitrotoluene	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	2-Chloronaphthalene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	2-Chlorophenol	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	2-Methylnaphthalene	30 [c]	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	2-Methylphenol	NA	10 U	NS	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	2-Nitroaniline	NA	50 U	52.4 U	50 U	51.5 U	51 U	50 U	51.5 U	50 U	51.5 U	50 U	52.6 U	48.5 U
	2-Nitrophenol	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	3 & 4-Methylphenol	NA	20 U	NS	20 U	NS	NS	20 U	NS	20 U	NS	20 U	NS	NS
	4-Methylphenol	NA	NS	20.9 U	NS	20.6 U	20.4 U	NS	20.6 U	NS	20.6 U	NS	21 U	19.4 U
	3,3'-Dichlorobenzidine	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	3-Nitroaniline	NA	50 U	52.4 U	50 U	51.5 U	51 U	50 U	51.5 U	50 U	51.5 U	50 U	52.6 U	48.5 U
	4,6-Dinitro-2-methylphenol	NA	60 U	62.8 U	60 U	61.8 U	61.2 U	60 U	61.8 U	60 U	61.8 U	60 U	63.2 U	58.2 U
	4-Bromophenyl phenyl ether	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	4-Chloro-3-methylphenol	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	4-Chloroaniline	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	4-Chlorophenyl phenyl ether	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	4-Nitroaniline	NA	50 U	10.5 U	50 U	10.3 U	10.2 U	50 U	10.3 U	50 U	10.3 U	50 U	10.5 U	9.7 U
	4-Nitrophenol	NA	50 U	52.4 U	50 U	51.5 U	51 U	50 U	51.5 U	50 U	51.5 U	50 U	52.6 U	48.5 U
	Acenaphthene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Acenaphthylene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Anthracene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Benzidine	NA	150 U	157 U	150 U	155 U	153 U	150 U	155 U	150 U	155 U	150 U	158 U	146 U
	Benzo(a)anthracene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U

Table 2. Groundwater Analytical Results Summary,
Bulk Fuels Facility Monitoring Wells,
Kirtland AFB, New Mexico.

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-1061		KAFB-1062			KAFB-1063		KAFB-1064		KAFB-1067		
			10/29/2008	1/27/2009	10/30/2008	1/20/2009	1/20/2009 DUP	10/29/2008	1/20/2009	10/28/2008	1/21/2009	10/29/2008	1/27/2009	1/27/2009 DUP
SVOCs (µg/L) Method 8270	Benzo(a)pyrene	0.7	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Benzo(b)fluoranthene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Benzo(ghi)perylene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Benzo(k)fluoranthene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Benzoic acid	NA	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.16 U	0.16 U
	bis(2-Chloroethoxy)methane	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	bis(2-Chloroethyl) ether	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	bis(2-Ethylhexyl) phthalate	NA	10 U	7 J	2 J	10.3 U	10.2 U	6.3 J	10.3 U	7.2 J	10.3 U	10 U	10.5 U	9.7 U
	Butyl benzyl phthalate	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	Chrysene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Dibenz(a,h)anthracene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Dibenzofuran	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Diethyl phthalate	NA	20 U	10.5 U	20 U	10.3 U	10.2 U	20 U	10.3 U	20 U	10.3 U	20 U	10.5 U	9.7 U
	Dimethyl phthalate	NA	20 U	10.5 U	20 U	10.3 U	10.2 U	20 U	10.3 U	20 U	10.3 U	20 U	10.5 U	9.7 U
	Di-n-butyl phthalate	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	Di-n-octyl phthalate	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	Fluoranthene	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	Fluorene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Hexachlorobenzene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Hexachlorobutadiene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Hexachlorocyclopentadiene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Hexachloroethane	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Indeno(1,2,3-cd)pyrene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Naphthalene	30 [c]	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Nitrobenzene	NA	20 U	20.9 U	20 U	20.6 U	20.4 U	20 U	20.6 U	20 U	20.6 U	20 U	21 U	19.4 U
	N-Nitrosodi-n-propylamine	NA	20 U	20.9 U	20 U	10.3 U	10.2 U	20 U	10.4 U	20 U	10.4 U	20 U	10.6 U	9.8 U
	N-Nitrosodiphenylamine	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Pentachlorophenol	NA	60 U	62.8 U	60 U	61.8 U	61.2 U	60 U	61.8 U	60 U	61.8 U	60 U	63.2 U	58.2 U
	Phenanthrene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Phenol	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
	Pyrene	NA	10 U	10.5 U	10 U	10.3 U	10.2 U	10 U	10.3 U	10 U	10.3 U	10 U	10.5 U	9.7 U
PAHs (ug/L) Method 8310	1-Methylnaphthalene	30 [c]	1 U	1 U	1 U	1 U	10.2 U	1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U
	2-Methylnaphthalene	30 [c]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U
	Acenaphthene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U
	Acenaphthylene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U
	Anthracene	NA	0.3 U	0.31 U	0.3 U	0.31 U	0.31 U	0.3 U	0.31 U	0.3 U	0.31 U	0.3 U	0.33 U	0.32 U
	Benzo(a)anthracene	NA	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22 U	0.21 U
	Benzo(a)pyrene	0.7	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22 U	0.21 U
	Benzo(b)fluoranthene	NA	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22 U	0.21 U
	Benzo(ghi)perylene	NA	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.036 J	0.2 U	0.22 U	0.21 U
	Benzo(k)fluoranthene	NA	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.16 U	0.16 U
	Chrysene	NA	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22 U	0.21 U
	Dibenzo(a,h)anthracene	NA	0.3 U	0.31 U	0.3 U	0.31 U	0.31 U	0.3 U	0.31 U	0.3 U	0.31 U	0.3 U	0.33 U	0.32 U
	Fluoranthene	NA	0.4 U	0.41 U	0.4 U	0.41 U	0.41 U	0.4 U	0.41 U	0.4 U	0.41 U	0.4 U	0.44 U	0.42 U
	Fluorene	NA	0.1 J	0.31 U	0.3 U	0.31 U	0.31 U	0.3 U	0.31 U	0.3 U	0.31 U	0.3 U	0.33 U	0.32 U
	Indeno(1,2,3-cd)pyrene	NA	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.028 J	0.2 U	0.22 U	0.21 U
	Naphthalene	30 [c]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U
	Phenanthrene	NA	0.3 U	0.31 U	0.3 U	0.31 U	0.31 U	0.3 U	0.31 U	0.3 U	0.31 U	0.3 U	0.33 U	0.32 U
	Pyrene	NA	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22 U	0.21 U

Table 2. Groundwater Analytical Results Summary,
Bulk Fuels Facility Monitoring Wells,
Kirtland AFB, New Mexico.

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-1061		KAFB-1062			KAFB-1063		KAFB-1064		KAFB-1067		
			10/29/2008	1/27/2009	10/30/2008	1/20/2009	1/20/2009 DUP	10/29/2008	1/20/2009	10/28/2008	1/21/2009	10/29/2008	1/27/2009	1/27/2009 DUP
Anions (mg/L)	Nitrate	10 [e]	0.5 U	0.0691 J	0.25 J	0.288 J	0.294 J	3.1	3.13 J	0.58	0.91 J	0.47 J	0.525 J	0.52 J
Method 300.0	Sulfate	600	NS	25.6	NS	33.6	33.4	NS	169	NS	46.2	NS	31.7	31.6
Metals (mg/L)	Iron, dissolved	1	0.028 J	0.1 U	0.11	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.173
Method 6010	Manganese, dissolved	0.2	0.067	0.029	0.00670 J	0.0059 J	0.00195 J	0.01 U	0.01 U	0.0012 J	0.01 U	0.0041 J	0.0014 J	0.00174 J

a. New Mexico Water Quality Control Commission (WQCC) Regulations. Concentrations exceeding standards shown in **BOLD**.

b. Samples analyzed for EDB and DBCP using Methods 8260 and 504.1 or 8011. Table includes only Method 504.1 or 8011 results because these methods have lower quantitation limits.

c. The WQCC regulation for PAHs of 30 µg/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

d. The WQCC regulation for total xylenes of 620 µg/L, includes m, p, and o-Xylenes.

e. Nitrate/Nitrate has an NMED HWB Approved Background Concentration, SNL/Kirtland AFB, Chemical Constituents in Ground Water of 4.0 mg/L. Concentrations exceeding background shown in *italics*.

Shading indicates the analyte was detected.

NA - not applicable U - not detected above Laboratory Reporting Limit
NS - not sampled

J - estimated value, concentration is less than Laboratory Reporting Limit but greater than Laboratory Method Detection Limit

Table 2. Groundwater Analytical Results Summary,
Bulk Fuels Facility Monitoring Wells,
Kirtland AFB, New Mexico.

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-3411		KAFB-10611	KAFB-10612	KAFB-10613	KAFB-10615	KAFB-10616	KAFB-10617	KAFB-10619	KAFB-10620
			10/30/2008	1/20/2009	1/26/2009	2/2/2009	1/22/2009	1/26/2009	1/27/2009	1/23/2009	1/23/2009	1/22/2009
TPH (µg/L)	Gasoline Range Organics	NA	270	350	180	1700	67	55 J	200	190	300	980
Method 8015	Diesel Range Organics	NA	250	260 U	248 U	160 J	258 U	266 U	267 U	284 U	100 J	259 U
VOCs (µg/L)	1,1,1,2-Tetrachloroethane	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Method 8260	1,1,1-Trichloroethane	60	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2,2-Tetrachloroethane	10	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2-Trichloroethane	10	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethane	25	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethene	5	**6.7 U**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloropropene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,3-Trichlorobenzene	NA	6.7 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
	1,2,3-Trichloropropane	NA	6.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
	1,2,4-Trichlorobenzene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,4-Trimethylbenzene	NA	6.7 U	1 U	1 U	0.23 J	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dibromo-3-chloropropane (DBCP) [b]	NA	33 U	0.02 U	0.0199 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
	1,2-Dibromoethane (EDB) [b]	0.1	0.017 J	0.02 U	0.013 J	0.02 U	0.02 U	0.02 U	0.02 U	**4.4 J**	**0.86 J**	0.02 U
	1,2-Dichlorobenzene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloroethane	10	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3,5-Trimethylbenzene	NA	6.7 U	1 U	1 U	0.57 J	1 U	1 U	1 U	1 U	1 U	0.29 J
	1,3-Dichlorobenzene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichloropropane	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2,2-Dichloropropane	NA	33 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	2-Butanone (MEK)	NA	40 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
	2-Chlorotoluene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2-Hexanone	NA	33 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	4-Chlorotoluene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Isopropyltoluene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Methyl-2-pentanone	NA	33 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Acetone	NA	67 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Benzene	10	6.7 U	0.2 J	1 U	**166**	1 U	1 U	1 U	**11**	0.35 J	0.66 J
	Bromobenzene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromochloromethane	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromodichloromethane	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromoform	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromomethane	NA	13 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon disulfide	NA	13 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon tetrachloride	10	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chlorobenzene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloroethane	NA	13 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Chloroform	100	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloromethane	NA	13 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	cis-1,2-Dichloroethene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,3-Dichloropropene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromochloromethane	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromomethane	NA	6.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
	Dichlorodifluoromethane	NA	13 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Ethylbenzene	750	6.7 U	1 U	1 U	4.8	1 U	1 U	1 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Isopropylbenzene	NA	6.7 U	1.6	1 U	1.6	1 U	1 U	1 U	1 U	1 U	1.9

Table 2. Groundwater Analytical Results Summary,
Bulk Fuels Facility Monitoring Wells,
Kirtland AFB, New Mexico.

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-3411		KAFB-10611	KAFB-10612	KAFB-10613	KAFB-10615	KAFB-10616	KAFB-10617	KAFB-10619	KAFB-10620
			10/30/2008	1/20/2009	1/26/2009	2/2/2009	1/22/2009	1/26/2009	1/27/2009	1/23/2009	1/23/2009	1/22/2009
VOCs (µg/L) Method 8260	Methyl tert-butyl ether	NA	33 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Methylene chloride	100	33 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	m-Xylene & p-Xylene	620 [d]	13 U	2 U	2 U	10	2 U	2 U	2 U	2 U	0.65 J	0.4 J
	Naphthalene	30 [c]	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	n-Butylbenzene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	n-Propylbenzene	NA	6.7 U	1 U	1 U	0.76 J	1 U	1 U	1 U	1 U	1 U	1 U
	o-Xylene	620 [d]	6.7 U	1 U	1 U	5	1 U	1 U	1 U	2	1 U	1 U
	sec-Butylbenzene	NA	6.7 U	1 U	1 U	0.38 J	1 U	1 U	1 U	1 U	1 U	1 U
	Styrene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	tert-Butylbenzene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Tetrachloroethene	20	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Toluene	750	6.7 U	1 U	52.3	98.7	28.8	22	67.9	66.6	114	68.3
	trans-1,2-Dichloroethene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	trans-1,3-Dichloropropene	NA	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Trichloroethene	100	6.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Trichlorofluoromethane	NA	13 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Vinyl chloride	1	**6.7 U**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Xylenes (total)	620 [d]	13 U	2 U	3 U	15.1	3 U	3 U	3 U	2 J	0.65 J	0.4 J
SVOCs (µg/L) Method 8270	1,2-Dichlorobenzene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	1,2-Diphenylhydrazine (as Azobenzene)	NA	10	NS	NS	NS	NS	NS	NS U	NS	NS	NS
	1,3-Dinitrobenzene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	2,4,5-Trichlorophenol	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	2,4,6-Trichlorophenol	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	2,4-Dichlorophenol	NA	10	NS	NS	NS	21.3	NS	NS U	NS	NS	NS
	2,4-Dimethylphenol	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	2,4-Dinitrophenol	NA	60 U	61.8 U	64.2 U	61.2 U	63.8 U	62.2 U	66.7 U	87 U	57.7 U	63.2 U
	2,4-Dinitrotoluene	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	2,6-Dinitrotoluene	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	2-Chloronaphthalene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	2-Chlorophenol	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	2-Methylnaphthalene	30 [c]	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	2-Methylphenol	NA	10	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	5.2 J	10.5 U
	2-Nitroaniline	NA	50 U	51.5 U	53.5 U	51 U	53.2 U	51.8 U	55.6 U	72.5 U	48.1 U	52.6 U
	2-Nitrophenol	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	3 & 4-Methylphenol	NA	20	NS	NS	NS	NS	NS	NS U	NS	NS	NS
	4-Methylphenol	NA	NS	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	3,3'-Dichlorobenzidine	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	3-Nitroaniline	NA	50 U	51.5 U	53.5 U	51 U	53.2 U	51.8 U	55.6 U	72.5	48.1 U	52.6 U
	4,6-Dinitro-2-methylphenol	NA	60	61.8 U	64.2 U	61.2 U	63.8 U	62.2 U	66.7 U	87 U	57.7 U	63.2 U
	4-Bromophenyl phenyl ether	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	4-Chloro-3-methylphenol	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	4-Chloroaniline	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	4-Chlorophenyl phenyl ether	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	4-Nitroaniline	NA	50 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	4-Nitrophenol	NA	50 U	51.5 U	53.5 U	51 U	53.2 U	51.8 U	55.6 U	14.5 U	48.1 U	52.6 U
	Acenaphthene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Acenaphthylene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Anthracene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Benzidine	NA	150 U	155 U	160 U	153 U	160 U	155 U	167 U	217 U	144 U	158 U
	Benzo(a)anthracene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U

Table 2. Groundwater Analytical Results Summary,
Bulk Fuels Facility Monitoring Wells,
Kirtland AFB, New Mexico.

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-3411		KAFB-10611	KAFB-10612	KAFB-10613	KAFB-10615	KAFB-10616	KAFB-10617	KAFB-10619	KAFB-10620
			10/30/2008	1/20/2009	1/26/2009	2/2/2009	1/22/2009	1/26/2009	1/27/2009	1/23/2009	1/23/2009	1/22/2009
SVOCs (µg/L) Method 8270	Benzo(a)pyrene	0.7	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Benzo(b)fluoranthene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Benzo(ghi)perylene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Benzo(k)fluoranthene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Benzoic acid	NA	0.1 U	0.1 U	0.16 U	0.15 U	0.15 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
	bis(2-Chloroethoxy)methane	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	bis(2-Chloroethyl) ether	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	bis(2-Ethylhexyl) phthalate	NA	7.3 J	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	5.1 J	10.5 U
	Butyl benzyl phthalate	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	Chrysene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Dibenz(a,h)anthracene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Dibenzofuran	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Diethyl phthalate	NA	20 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Dimethyl phthalate	NA	20 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Di-n-butyl phthalate	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	Di-n-octyl phthalate	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	Fluoranthene	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	Fluorene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Hexachlorobenzene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Hexachlorobutadiene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Hexachlorocyclopentadiene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Hexachloroethane	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Indeno(1,2,3-cd)pyrene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Naphthalene	30 [c]	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Nitrobenzene	NA	20 U	20.6 U	21.4 U	20.4 U	21.3 U	20.7 U	22.2 U	29 U	19.2 U	21 U
	N-Nitrosodi-n-propylamine	NA	20 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.2 U	14.6 U	9.7 U	10.5 U
	N-Nitrosodiphenylamine	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Pentachlorophenol	NA	60 U	61.8 U	64.2 U	61.2 U	63.8 U	62.2 U	66.7 U	87 U	57.7 U	63.2 U
	Phenanthrene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
	Phenol	NA	10 U	10.3 U	2.6 J	10.2 U	2.1 J	10.4 U	6.1 J	14.5 U	9.6 U	10.5 U
	Pyrene	NA	10 U	10.3 U	10.7 U	10.2 U	10.6 U	10.4 U	11.1 U	14.5 U	9.6 U	10.5 U
PAHs (ug/L) Method 8310	1-Methylnaphthalene	30 [c]	1 U	1 U	1.1 U	0.037 J	1 U	1.1 U	0.078 J	0.058 J	0.094 J	1 U
	2-Methylnaphthalene	30 [c]	1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U
	Acenaphthene	NA	1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U
	Acenaphthylene	NA	1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U
	Anthracene	NA	0.3 U	0.31 U	0.32 U	0.3 U	0.31 U	0.33 U	0.018 J	0.33 U	0.32 U	0.32 U
	Benzo(a)anthracene	NA	0.2 U	0.21 U	0.22 U	0.2 U	0.035 U	0.22 U	0.22 U	0.22 U	0.22 U	0.21 U
	Benzo(a)pyrene	0.7	0.2 U	0.21 U	0.22 U	0.2 U	0.2 U	0.22 U	0.22 U	0.22 U	0.22 U	0.21 U
	Benzo(b)fluoranthene	NA	0.2 U	0.21 U	0.22 U	0.2 U	0.2 U	0.22 U	0.22 U	0.22 U	0.22 U	0.21 U
	Benzo(ghi)perylene	NA	0.2 U	0.21 U	0.22 U	0.2 U	0.2 U	0.22 U	0.22 U	0.22 U	0.22 U	0.21 U
	Benzo(k)fluoranthene	NA	0.1 U	0.1 U	0.16 U	0.15 U	0.15 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
	Chrysene	NA	0.2 U	0.21 U	0.22 U	0.2 U	0.2 U	0.22 U	0.22 U	0.22 U	0.22 U	0.21 U
	Dibenzo(a,h)anthracene	NA	0.3 U	0.31 U	0.32 U	0.3 U	0.31 U	0.33 U	0.33 U	0.33 U	0.32 U	0.32 U
	Fluoranthene	NA	0.4 U	0.41 U	0.42 U	0.41 U	0.41 U	0.43 U	0.052 J	0.43 U	0.43 U	0.42 U
	Fluorene	NA	0.3 U	0.31 U	0.32 U	0.3 U	0.31 U	0.33 U	0.33 U	0.33 U	0.32 U	0.32 U
	Indeno(1,2,3-cd)pyrene	NA	0.2 U	0.21 U	0.22 U	0.2 U	0.2 U	0.22 U	0.22 U	0.22 U	0.22 U	0.21 U
	Naphthalene	30 [c]	1 U	1 U	1.1 U	0.076 J	1 U	1.1 U	0.095 J	0.13 J	1.1 U	1 U
	Phenanthrene	NA	0.3 U	0.31 U	0.32 U	0.3 U	0.31 U	0.33 U	0.33 U	0.33 U	0.32 U	0.32 U
	Pyrene	NA	0.2 U	0.21 U	0.22 U	0.2 U	0.2 U	0.22 U	0.22 U	0.22 U	0.22 U	0.21 U

Table 2. Groundwater Analytical Results Summary,
Bulk Fuels Facility Monitoring Wells,
Kirtland AFB, New Mexico.

Chemical Class & Analytical Method	Analyte	NMWQCC-HHSs [a]	KAFB-3411		KAFB-10611	KAFB-10612	KAFB-10613	KAFB-10615	KAFB-10616	KAFB-10617	KAFB-10619	KAFB-10620
			10/30/2008	1/20/2009	1/26/2009	2/2/2009	1/22/2009	1/26/2009	1/27/2009	1/23/2009	1/23/2009	1/22/2009
Anions (mg/L)	Nitrate	10 [e]	0.5 U	0.0327 J	10 U	0.0294 J	0.133 J	0.378 J	0.104 J	0.279 J	0.095 J	0.142 J
Method 300.0	Sulfate	600	NS	40.7	28	52.3	34.4	27.2	26.8	37	34.1	41.4
Metals (mg/L)	Iron, dissolved	1	0.047 J	0.1 U	0.1 U	0.0348 J	0.0185 J	0.1 U	0.1 U	0.1 U	0.00736 J	0.0067 J
Method 6010	Manganese, dissolved	0.2	**0.26**	**0.208**	0.0297	**0.343**	0.033 J	0.01 U	0.0256	0.01 U	0.0216	0.014 U

a. New Mexico Water Quality Control Commission (WQCC) Regulations. Concentrations exceeding standards shown in **BOLD**.

b. Samples analyzed for EDB and DBCP using Methods 8260 and 504.1 or 8011. Table includes only Method 504.1 or 8011 results because these methods have lower quantitation limits.

c. The WQCC regulation for PAHs of 30 µg/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

d. The WQCC regulation for total xylenes of 620 µg/L, includes m, p, and o-Xylenes.

e. Nitrate/Nitrate has an NMED HWB Approved Background Concentration, SNL/Kirtland AFB, Chemical Constituents in Ground Water of 4.0 mg/L. Concentrations exceeding background shown in *italics*.

Shading indicates the analyte was detected.

NA - not applicable U - not detected above Laboratory Reporting Limit
NS - not sampled

J - estimated value, concentration is less than Laboratory Reporting Limit but greater than Laboratory Method Detection Limit

APPENDIX D

Waste Manifests

Manifest # 002224790FLE
Manifest # 002576540FLE
Manifest # 002576581FLE
Non-Hazardous Waste Manifest # 52711
Manifest # 002576620FLE
Manifest # 002576626FLE
Manifest # 002576637FLE

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) DZ2185206 SCPPW 12/16/2008

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NM 9570024423
2. Page 1 of: 1
3. Emergency Response Phone: (800) 483-3718
4. Manifest Tracking Number: 002224790 FLE

5. Generator's Name and Mailing Address
Kirtland Airforce Base
Kirtland Airforce Base
Albuquerque, NM 87117
Generator's Phone: (505) 855-5248

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc
U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Deer Park LP
2027 Independence Parkway South
La Porte, TX 77571
Facility's Phone: (281) 930-2300
U.S. EPA ID Number: TXD055141378

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., 3, PG II, RQ, (D001), (Benzene)	002	DF	110	G	D001	D018	
	2. NONE. NON RCRA HAZARDOUS WASTE LIQUIDS. N/A. LUBE OILS	001	DF	30	G	NONE		
X	3. UN1993, waste flammable liquids, n.o.s., (benzene), 3, II, RQ, (D001)	002	DM	85	G	D001	D018	
	4.							

14. Special Handling Instructions and Additional Information
1. CH347222 ERG#128 2 x 55
2. CH347212 1 x 30
3. CH347222 ERG#128 1 x 30, 1 x 55

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARK D. HOLMES
Signature: Mark D Holmes
Month 01 Day 07 Year 09

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter signature (for exports only):
Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Mitch Pollam
Signature: Mitch Pollam
Month 01 Day 07 Year 09

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR

TRANSPORTER(S) INT'L

Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Land Disposal Restriction Notification Form

Printed Date :Jan 02, 2009

MANIFEST INFORMATION

Generator :	Kirtland Airforce Base	Manifest Tracking Info.	
Address:	Kirtland Airforce Base Albuquerque,NM 87117	002224790FLE	
EPA ID #:	NM9570024423	Sales Order No:	DZ2185208

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	CH347222	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001 D018	High TOC Ignitable Liquids NONE

Certification	Applies to Manifest Line Items
Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.	1.
This waste is not restricted as specified in 40 CFR 268 Subpart D.	2.

Waste analysis data, where available, is attached.

Signature : [signature] Print Name MARK D. HOLMES

Title : PROJECT MANAGER Date : 01/07/09

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NM9570024423
2. Page 1 of 1
3. Emergency Response Phone: 505-846-2803
4. Manifest Tracking Number: 002576540 FLE

5. Generator's Name and Mailing Address
Kirtland Airforce Base
2050 Wyoming Blvd SE
Albuquerque, NM 87117
Generator's Phone: 505 846-2803

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: RINCHEM CO INC
U.S. EPA ID Number: NMD002208627

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Rinchem Company, Inc.
6133 Edith Blvd NE
Albuquerque, NM 87107
Facility's Phone: (505)345-3655
U.S. EPA ID Number: NMD002208627

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993,RQ WASTE FLAMMABLE LIQUIDS, N.O.S. (benzene, water),3,PG III (D001)	2	DM	800	P	D001 D018
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) ERG# 128

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARK D. HOLMES
Signature: [signature]
Month 01 Day 13 Year 09

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kenny Sanchez
Signature: [signature]
Month 01 Day 13 Year 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INTL — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

LAND DISPOSAL RESTRICTION NOTIFICATION FORM
For Wastes Subject ot the Treatment Standards Found In 40 CFR 268

RINCHEM

Generator Name: Kirtland Airforce Base Manifest #: 002576540 FLE

Stream #	WW	NWW	Waste Codes, Subcategories and Hazardous Constituents	Conditions	Special
RC8578	☐	☒	D001, D018		

Special Conditions: A. Waste Requiring No Further Treatment
B. Lab Pack Waste Qualifying for Alternative Treatment under 40 CFR 268.42(c)
C. Hazardous Waste Debris subject to Standard treatment requirements, 40 CFR 268.40
D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268.45 (List Contaminants)
E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
F. Waste already treated to remove a hazardous characteristic which requires additional treatment for underlying hazardous constituents (List Constituents)
G. Waste already treated to remove a hazardous characteristic and all the underlying hazardous constituents have been treated to levels in 268.48

Waste analysis is attached where available, otherwise, the information contained herein is based upon my thorough knowledge of the waste(s)

I hereby certify that I believe that the information I submitted is true, accurate and complete.

Signature _____ Title PROJECT MANAGER Date 1-13-09

Waste Streams Identified by Special Condition A:	I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or throrough knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition B:	I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes which have not been excluded under appendix IV to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition C:	I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition D:	I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NM9570024423
2. Page 1 of 1
3. Emergency Response Phone: 505-846-2803
4. Manifest Tracking Number: 002576581 FLE

5. Generator's Name and Mailing Address: Kirtland Airforce Base, 2050 Wyoming Blvd SE, Albuquerque, NM 87117
Generator's Site Address (if different than mailing address):
Generator's Phone: 505 846-2803

6. Transporter 1 Company Name: RINCHEM CO INC
U.S. EPA ID Number: NMD002208627

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Rinchem Company, Inc., 6133 Edith Blvd NE, Albuquerque, NM 87107
Facility's Phone: (505)345-3855
U.S. EPA ID Number: NMD002208627

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993,RQ WASTE FLAMMABLE LIQUIDS, N.O.S. (benzene, water),3,PG III (D001)	2	DM	900	P	D001 D018
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: 1) ERG# 128

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARK D. HOLMES
Signature: Mark D Holmes
Month Day Year: 02 04 09

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Terry Sandoz
Signature:
Month Day Year: 02 04 09
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name:
Signature:
Month Day Year:

GENERATOR — INTL — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

LAND DISPOSAL RESTRICTION NOTIFICATION FORM
For Wastes Subject ot the Treatment Standards Found in 40 CFR 268

RINCHEM

Generator Name: Kirtland Airforce Base | Manifest #: 002576581 | FLE |

Stream #	WW	NWW	Waste Codes, Subcategories and Hazardous Constituents	Conditions	Special
RC8578	☐	☑	D001, D018		

Special Conditions:
A. Waste Requiring No Further Treatment
B. Lab Pack Waste Qualifying for Alternative Treatment under 40 CFR 268.42(c)
C. Hazardous Waste Debris subject to Standard treatment requirements, 40 CFR 268.40
D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268.45 (List Contaminants)
E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
F. Waste already treated to remove a hazardous characteristic which requires additional treatment for underlying hazardous constituents (List Constituents)
G. Waste already treated to remove a hazardous characteristic and all the underlying hazardous constituents have been treated to levels in 268.48

Waste analysis is attached where available, otherwise, the information contained herein is based upon my thorough knowledge of the waste(s)

I hereby certify that I believe that the information I submitted is true, accurate and complete.

Signature Mark Offelmo Title PROJECT MANAGER Date 02/04/09

Waste Streams Identified by Special Condition A:	I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or throrough knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition B:	I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes which have not been excluded under appendix IV to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition C:	I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition D:	I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NM9570024423

Manifest Document No.: 52711

2. Page 1 of 1

3. Generator's Name and Mailing Address: Kirtland Airforce Base, 2050 Wyoming Blvd SE, Albuquerque, NM 87117

4. Generator's Phone: (505) 846-2803

5. Transporter 1 Company Name: RINCHEM CO INC

6. US EPA ID Number: NMD002208627

A. State Transporter's ID

B. Transporter 1 Phone: (505)345-3655

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Rinchem Company, Inc., 6133 Edith Blvd NE, Albuquerque, NM 87107

10. US EPA ID Number: NMD002208627

E. State Facility's ID

F. Facility's Phone: (505)345-3655

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non DOT Non RCRA Regulated Material, Liquid (Used Motor Oil)	1	DM	250	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above: 1) RC8601

H. Handling Codes for Wastes Listed Above: 1) ERG# N/A

15. Special handling instructions and additional information: 24 hour emergency contact: 505-846-2803

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: MARK D. HOLMES — Signature: [signature] — Date: Month 02 Day 04 Year 09

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tony Sanchez — Signature: [signature] — Date: Month 02 Day 04 Year 09

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name — Signature — Date: Month Day Year

NON-HAZARDOUS WASTE

CF14 © 2002 LABELMASTER® (800) 621-5808 www.labelmaster.com

PRINTED ON RECYCLED PAPER USING SOYBEAN INK

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NM9570024423
2. Page 1 of 1
3. Emergency Response Phone: 505-846-2803
4. Manifest Tracking Number: 002576620 FLE

GENERATOR

5. Generator's Name and Mailing Address: Kirtland Airforce Base, 2050 Wyoming Blvd SE, Albuquerque, NM 87117
Generator's Site Address (if different than mailing address):
Generator's Phone: 505 846-2803

6. Transporter 1 Company Name: RINCHEM CO INC
U.S. EPA ID Number: NMD002208627

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Rinchem Company, Inc., 6133 Edith Blvd NE, Albuquerque, NM 87107
U.S. EPA ID Number: NMD002208627
Facility's Phone: (505)345-3655

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993,RQ WASTE FLAMMABLE LIQUIDS, N.O.S. (benzene, water),3,PG III (D001)	2	DM	900	P	D001 D018
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) RC5578
1) ERG# 128

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARK D. HOLMES
Signature: Mark D. Holmes
Month Day Year: 02 23 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Terry Prosek
Signature:
Month Day Year: 0 23 09
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name:
Signature:
Month Day Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

LAND DISPOSAL RESTRICTION NOTIFICATION FORM
For Wastes Subject ot the Treatment Standards Found in 40 CFR 268

RINCHEM

Generator Name: Kirtland Airforce Base Manifest #: 002576620 FLE

Stream #	WW	NWW	Waste Codes, Subcategories and Hazardous Constituents	Conditions	Special
RC8578	☐	☑	**D001, D018**		

Special Conditions: A. Waste Requiring No Further Treatment
B. Lab Pack Waste Qualifying for Alternative Treatment under 40 CFR 268.42(c)
C. Hazardous Waste Debris subject to Standard treatment requirements, 40 CFR 268.40
D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268.45 (List Contaminants)
E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
F. Waste already treated to remove a hazardous characteristic which requires additional treatment for underlying hazardous constituents (List Constituents)
G. Waste already treated to remove a hazardous characteristic and all the underlying hazardous constituents have been treated to levels in 268.48

Waste analysis is attached where available, otherwise, the information contained herein is based upon my thorough knowledge of the waste(s)

I hereby certify that I believe that the information I submitted is true, accurate and complete.

Signature Mark D. [illegible] Title PROJECT MANAGER Date 2-23-09

Waste Streams Identified by Special Condition A:	I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or throrough knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition B:	I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes which have not been excluded under appendix IV to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition C:	I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition D:	I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NM9570024423
2. Page 1 of: 1 of 1
3. Emergency Response Phone: 505-846-2803
4. Manifest Tracking Number: 002576626 FLE

5. Generator's Name and Mailing Address: Kirtland Airforce Base, 2050 Wyoming Blvd SE, Albuquerque, NM 87117
Generator's Site Address (if different than mailing address):
Generator's Phone: 505 846-2803

6. Transporter 1 Company Name: RINCHEM CO INC — U.S. EPA ID Number: NMD002208627
7. Transporter 2 Company Name — U.S. EPA ID Number:
8. Designated Facility Name and Site Address: Rinchem Company, Inc., 6133 Edith Blvd NE, Albuquerque, NM 87107 — U.S. EPA ID Number: NMD002208627
Facility's Phone: (505)345-3655

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993,RQ WASTE FLAMMABLE LIQUIDS, N.O.S. (benzene, water),3,PG III (D001)	1	DF	700	P	D001	D018	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: 1) ERG# 128

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARK D. HOLMES — Signature: [signature] — Month/Day/Year: 02 27 09

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit:
Transporter signature (for exports only): — Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Leon Sanchez — Signature: [signature] — Month/Day/Year: 02 27 09
Transporter 2 Printed/Typed Name — Signature — Month/Day/Year:

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month/Day/Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month/Day/Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

LAND DISPOSAL RESTRICTION NOTIFICATION FORM
For Wastes Subject ot the Treatment Standards Found in 40 CFR 268

RINCHEM

Generator Name: Kirtland Airforce Base Manifest #: 002576626 FLE

Stream #	WW	NWW	Waste Codes, Subcategories and Hazardous Constituents	Conditions	Special
RC8578	☐	☑	**D001, D018**		

Special Conditions: A. Waste Requiring No Further Treatment
B. Lab Pack Waste Qualifying for Alternative Treatment under 40 CFR 268.42(c)
C. Hazardous Waste Debris subject to Standard treatment requirements, 40 CFR 268.40
D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268.45 (List Contaminants)
E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
F. Waste already treated to remove a hazardous characteristic which requires additional treatment for underlying hazardous constituents (List Constituents)
G. Waste already treated to remove a hazardous characteristic and all the underlying hazardous constituents have been treated to levels in 268.48

Waste analysis is attached where available, otherwise, the information contained herein is based upon my thorough knowledge of the waste(s)

I hereby certify that I believe that the information I submitted is true, accurate and complete.

Signature [signature] Title PROJECT MANAGER Date 2-27-09

Waste Streams Identified by Special Condition A:	I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or throrough knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition B:	I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes which have not been excluded under appendix IV to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition C:	I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition D:	I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NM9570024423
2. Page 1 of 1
3. Emergency Response Phone: 505-846-2803
4. Manifest Tracking Number: 002576637 FLE

5. Generator's Name and Mailing Address
Kirtland Airforce Base
2050 Wyoming Blvd SE
Albuquerque, NM 87117
Generator's Phone: 505 846-2803
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: RINCHEM CO INC
U.S. EPA ID Number: NMD002208627

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Rinchem Company, Inc.
6133 Edith Blvd NE
Albuquerque, NM 87107
Facility's Phone: (505)345-3655
U.S. EPA ID Number: NMD002208627

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993,RQ WASTE FLAMMABLE LIQUIDS, N.O.S. (benzene, water),3,PG III (D001)	1	DM DF	350	P	D001 D018
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) RC8578
1) ERG# 128

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARK D. HOLMES
Signature: Mark D Holmes
Month 03 Day 10 Year 09

GENERATOR

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

INT'L

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Henry Sanchez
Signature
Month 03 Day 10 Year 09
Transporter 2 Printed/Typed Name
Signature
Month Day Year

TRANSPORTER

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

DESIGNATED FACILITY

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

LAND DISPOSAL RESTRICTION NOTIFICATION FORM
For Wastes Subject ot the Treatment Standards Found in 40 CFR 268

RINCHEM

Generator Name: Kirtland Airforce Base Manifest #: 002576637 FLE

Stream #	WW	NWW	Waste Codes, Subcategories and Hazardous Constituents	Conditions	Special
RC8578	☐	☑	D001, D018		

Special Conditions: A. Waste Requiring No Further Treatment
B. Lab Pack Waste Qualifying for Alternative Treatment under 40 CFR 268.42(c)
C. Hazardous Waste Debris subject to Standard treatment requirements, 40 CFR 268.40
D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268.45 (List Contaminants)
E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
F. Waste already treated to remove a hazardous characteristic which requires additional treatment for underlying hazardous constituents (List Constituents)
G. Waste already treated to remove a hazardous characteristic and all the underlying hazardous constituents have been treated to levels in 268.48

Waste analysis is attached where available, otherwise, the information contained herein is based upon my thorough knowledge of the waste(s)

I hereby certify that I believe that the information I submitted is true, accurate and complete.

Signature _____ Title PROJECT MANAGER Date 10 MAR 09

Waste Streams Identified by Special Condition A:	I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or throrough knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition B:	I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes which have not been excluded under appendix IV to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition C:	I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Waste Streams Identified by Special Condition D:	I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NM0570024423

2. Page 1 of: 1 of 1

3. Emergency Response Phone: 505-846-2803

4. Manifest Tracking Number: 002576637 FLE

5. Generator's Name and Mailing Address
Kirtland Airforce Base
2050 Wyoming Blvd SE
Albuquerque, NM 87117
Generator's Phone: 505 846 2803

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: RINCHEM CO INC
U.S. EPA ID Number: NMD002208627

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Rinchem Company, Inc
6133 Edith Blvd NE
Albuquerque, NM 87107
Facility's Phone: (505) 345-8505
U.S. EPA ID Number: NMD002208627

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UNIFORM HAZ WASTE FLAMMABLE LIQUIDS, NOS (benzene, xylene), PG III (D001)	1	DM	[illegible]	P	D001 D018
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name | Signature | Month | Day | Year
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY