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Kirtland AFB is submitting a copy of the Remediation and Site Investigation Report for the Bulk Fuels Facility as an electronic version as requested. The report documents our investigation and monitoring activities from October 2009 through March 2010.

If you have any questions with regard to this submittal, please contact Mark Holmes, 377MSG/CEANR at (505) 846-9005.

Sincerely

Barbara J. Jorgensen

BARBARA J. JORGENSEN, Colonel, USAF
Vice Commander

Attachment:
Electronic Version of the Remediation and Site Investigation, October 2009 through March 2010, Bulk Fuels Facility

Attachments for Distribution:
1. Remediation and Site Investigation Report, October 2009 through March 2010, Bulk Fuels Facility

2. Electronic Version of the Remediation and Site Investigation, October 2009 through March 2010, Bulk Fuels Facility

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KIRTLAND AIR FORCE BASE, NEW MEXICO

REMEDIATION AND SITE INVESTIGATION REPORT
OCTOBER 2009THROUGH MARCH 2010
BULK FUELS FACILITY

June 2010

377 MSG/CEANR
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ENVIRONMENTAL RESTORATION PROGRAM
KIRTLAND AIR FORCE BASE, NEW MEXICO

REMEDIATION AND SITE INVESTIGATION REPORT FOR THE BULK FUELS FACILITY OCTOBER 2009 THROUGH MARCH 2010

JUNE 2010

Prepared For
HQ AFCEE/ERD
Environmental Restoration Division
Lackland Air Force Base, Texas 78236-9853
USAF Contract No. FA8903-08-D-8769 Task Order No. 0096

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NOTICE

This Remidiation and Site Investigation 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.

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This Remediation and Site Investigation 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.

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20100622

LUDIE W. BITNER, JR., YF-02
Restoration Chief

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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 2009 through March 2010 at Kirtland Air Force Base, New Mexico. This report addresses the requirements of the U.S. Air Force (USAF) statement of work (SOW) for FA8903-08-D-8769 Task Order 0096 SOW dated 12 November 2008 and Task Order 0178 dated 15 September 2009, and USAF Contract FA8903-04-D-8670 Task Order 313 SOW dated 13 May 2008.

This report was prepared by CH2M HILL in June 2010. 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 0096. Mr. Michael Litman served as the Contracting Officer's Representative.

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ACRONYMS AND ABBREVIATIONS (Continued)

AEHD	Albuquerque Environmental Health Department
AFB	Air Force Base
AST	aboveground storage tank
atm	atmosphere pressure unit
bgs	below ground surface
Btu	British thermal unit(s)
Btu/hr	British thermal unit(s) per hour
BTEX	benzene, toluene, ethylbenzene, and xylene
C	vapor concentration
CO	carbon monoxide
CO_2	carbon dioxide
DO	dissolved oxygen
DQE	data quality evaluation
DRE	destructive removal efficiency
DRO	diesel range organics
EDB	ethylene dibromide; also known as 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
H_2O	water
HAP	hazardous air pollutant
HC	hydrocarbon concentration
ICE	internal combustion engine
J	estimated value/concentration; the analyte was positively identified but the associated numerical value is below the reporting limit.
K	Kelvin
KAFB	Kirtland Air Force Base
kg/m^3	kilogram per cubic meter
lb/hr	pound(s) per hour
lb/yr	pound(s) per year

ACRONYMS AND ABBREVIATIONS (Continued)

MCL	maximum contaminant level
MDL	method detection limit
MEK	methyl ethyl ketone; also known as 2-butanone
m^3/hr	cubic meters per hour
µg/L	microgram(s) per liter
µg/kg	microgram(s) per kilogram
mg/kg	milligram(s) per kilogram
mg/L	milligram(s) per liter
msl	mean sea level
MTBE	methyl tertiary butyl ether
NA	not applicable; not analyzed
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMED-GWQB	New Mexico Environment Department – Ground Water Quality Bureau
NMED HWB	New Mexico Environment Department – Hazardous Waste Bureau
NR	not recorded, possible instrument calibration error
O_2	oxygen
ORP	oxidation-reduction (redox) potential
PAH	polycyclic aromatic hydrocarbon
pH	hydrogen (ion) concentration
PID	photoionization detector
ppb	parts per billion
ppm	parts per million
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
rpm	revolutions per minute
RSI	Remediation Services International
scfm	standard cubic feet per minute
SNL	Sandia National Laboratories
SO_2	sulfur dioxide
SSL	Soil Screening Levels
SVE	soil vapor extraction
SVEW	soil vapor extraction well
SVMW	soil vapor monitoring well
SVOC	semi-volatile organic compound

ACRONYMS AND ABBREVIATIONS (Concluded)

TIC	top of inner casing
ton(s)/yr	ton(s) per year
TPH	total petroleum hydrocarbon
TSP	total suspended particulate
U	undetected value/concentration; the analyte was not detected. The numerical value is the reporting limit.
USAF	U.S. Air Force
USF-1	Upper Santa Fe Group-1 (geologic formation)
USF-2	Upper Santa Fe Group-2 (geologic formation)
VA	Veterans Affairs
VOC	volatile organic compound
WQCC	Water Quality Control Commission (New Mexico)

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EXECUTIVE SUMMARY

This report has been prepared to summarize ongoing remedial activities and ongoing site investigation activities at the Bulk Fuels Facility. As previously specified by the New Mexico Environment Department (NMED) – Ground Water Quality Bureau (GWQB) (NMED, 2007) the overall planning and reporting for the ST-106 and SS-111 sites has been integrated due to the interrelated nature of the sites and the applicability of different data sets to both investigation and remediation activities. Regularly scheduled semi-annual reports, which were originally initiated to report remediation progress in association with the ST-106 site, have been used as a vehicle to provide regular dissemination of ongoing remediation and site investigation activities and data. Semi-annual reports present data and information related to ongoing Stage 2 Abatement action remediation for the Former Fuel Offloading Rack (designated ST-106) site investigation activities for SS-111, Phase-Separated Hydrocarbon (PSH) Bulk Fuels Facility Remediation, and interim remedial actions being implemented for SS-111.

The semi-annual reports have presented data regarding the ongoing remediation of ST-106, the vadose zone contamination associated with the Former Fuel Offloading Rack. The activities and data that have been reported have been conducted as the Stage 2 Abatement action under a NMED-GWQB approved *Stage 2 Abatement Plan* (United States Air Force [USAF], 2002). The *Stage 2 Abatement Plan for the Bulk Fuels Facility (ST-106)* identified soil vapor extraction (SVE) as the preferred abatement option to be implemented at site ST-106 to attain abatement standards and requirements set forth in Section 4103 of Title 20 New Mexico Administrative Code (NMAC) Chapter 6 Part 2. The regular semi-annual reporting has detailed the operation and monitoring of the SVE system at the Former Fuel Offloading Rack area which had been ongoing as the approved Stage 2 abatement action for ST-106. The ST-106 remediation was initiated prior to the discovery of the PSH-impacts to groundwater.

The semi-annual reports have also presented data and information on the ongoing interim remediation that was instituted to begin recovery of PSH on the groundwater. Kirtland AFB has instituted PSH recovery directly from the aquifer surface at three well locations, utilizing the same SVE technology that was the approved Stage 2 Abatement action for site ST-106. These actions have been conducted as interim measures while site characterization activities continue. Similar data to that presented for the SVE operations for ST-106 are presented in the semi-annual reports for the interim remediation at SS-111, including operational and monitoring data for the SVE system installed in August 2008 and the two additional interim SVE remediation systems installed at the site in March 2009.

Finally, the semi-annual reports have also presented information and data from ongoing investigation activities related to site SS-111. Per a March 9, 2007 NMED-GWQB letter, reporting on the ongoing site investigation activities have been incorporated into the regularly issued reports that had originally reported only ST-106 Stage 2 Abatement activities. These reports have allowed information regarding successive investigation phases to be regularly disseminated to stakeholders, and presented in context with the other related site data, rather than having reporting held until all delineation activities were complete or having multiple reports that present limited facets of ongoing activities being issued at unscheduled intervals.

Four SVE and treatment systems operated at the Bulk Fuels Facility during the period from October 2009 through March 2010. One system, referred to as the Former Fuel Offloading Rack system, continued to operate as the approved Stage 2 Abatement action for the vadose zone contamination associated with ST-106. The other three SVE systems operated as interim remedial measures being applied directly to the PSH on groundwater aspect of the site that has been designated as SS-111.

The cumulative hydrocarbon recovery for the Former Fuel Offloading Rack SVE system through the end of March 2010 was approximately 186,648 gallons. The SVE system extracted and destroyed a total of 9,195 equivalent gallons of petroleum hydrocarbons during the reporting period. The cumulative hydrocarbon recovery for the KAFB-1065 SVE system was approximately 74,030 gallons through the end of March 2010. The KAFB-1065 SVE system extracted and destroyed a total of 12,094 equivalent gallons of petroleum hydrocarbons during the reporting period. The cumulative hydrocarbon recovery for the KAFB-1066 SVE system was approximately 30,407 gallons through the end of March 2010. The KAFB-1066 SVE system extracted and destroyed a total of 8,377 equivalent gallons of petroleum hydrocarbons during the reporting period. The cumulative hydrocarbon recovery for the KAFB-1068 SVE system was approximately 32,801 gallons through the end of March 2010. The KAFB-1068 SVE system extracted and destroyed a total of 7,615 equivalent gallons of petroleum hydrocarbons during the reporting period.

During the reporting period, high soil-vapor concentrations continued to persist near 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 and the core area associated with the vadose zone contamination identified as site ST-106. While some of the highest observed TPH vapor concentrations remain in the Former Fuel Offloading Rack area, the data continue to indicate a slow, yet consistent, decrease in petroleum hydrocarbon concentrations relative to conditions when the ST-106 Stage 2 Abatement remediation actions began. Continued quarterly collection and evaluation of soil vapor data will provide further information on this trend and the ongoing remediation of the ST-106 vadose zone impacts at the Former Fuel Offloading Rack area.

As previously observed, elevated soil-vapor concentrations also persist in some areas of the site away from the Former Fuel Offloading Rack. The presence of the SS-111 PSH on the groundwater table coupled with residual fuel product within the vadose zone are most likely the source of the persistent, elevated vapor concentrations that have 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 to the PSH on the water table and residual fuel that remains in the vadose zone on the eastern side of the site.

During the fourth quarter of 2009, one additional groundwater monitoring well was installed for investigation purposes across the site. Well installations proceeded according to the November 2009 NMED-GWQB-approved addendum to the *Stage 2 Abatement Plan Modification* (USAF, 2007a) and the *Stage 2 Abatement Plan Modification Addendum* (USAF, 2009). The new well is designated KAFB-10625. No PSH was detected in the new monitoring well but the well, KAFB-10625, did contain measurable concentrations of EDB at levels just above the EPA MCL (concentrations of 0.06 and 0.059 μg/L relative to the MCL of 0.05 μg/L).

In the vicinity of the Bulk Fuels Facility, the quarterly groundwater sampling data continue to illustrate that the eastern, western, and southern extents of the PSH and dissolved constituent impacts to the groundwater are largely delineated. Thicknesses of PSH are detected on the water table surface at 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 foot to roughly 3 feet.

Many detected dissolved compound concentrations in groundwater are relatively low-level, often laboratory J-flagged values that are below applicable groundwater standards. In the downgradient direction Wells KAFB-10617, KAFB-10619, KAFB-10621, KAFB-10622, and the new well, KAFB-10625, to the northeast have concentrations of EDB that exceed applicable EPA MCLs. These concentrations are delineated to the northeast by new wells KAFB-10623 and KAFB-10615. Further delineation of regulatory exceedances in the downgradient direction to the north is scheduled for April 2010. 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.

The measured groundwater elevations and the contours indicate that the overall groundwater flow direction across the main portion of the site is to the north-northeast as has been previously observed. The groundwater flow gradient is calculated to be roughly 0.001 to 0.002 foot per foot (ft/ft).

The preparation of future reports will include presentation of new data collected in conjunction with ongoing site investigation activities, as well as operations data and optimization activities to support the Stage 2 Abatement action and interim remediation activities.

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1. INTRODUCTION

The Bulk Fuels Facility site is located within the western part of Kirtland Air Force Base (AFB), New Mexico (Figure 1-1) and is comprised of two Air Force sites designated as ST-106 and SS-111. 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. In January 2008, the U.S. Air Force officially designated the phase-separated hydrocarbon (PSH)-impacted groundwater component of the Bulk Fuels Facility project as site SS-111, Bulk Fuels Facility PSH Remediation. These site designations are an internal Air Force site naming convention. Name usages in this document may utilize the more generic term of Bulk Fuels Facility in addition to the numeric site designations when information being discussed is specific to one site.

1.1. Report Purpose

As previously specified by the New Mexico Environment Department (NMED) – Ground Water Quality Bureau (GWQB) (NMED, 2007) the overall planning and reporting for the ST-106 and SS-111 sites has been integrated due to the interrelated nature of the sites and the applicability of different data sets to both investigation and remediation activities. Regularly scheduled semi-annual reports, which were originally initiated to report remediation progress in association with the ST-106 site, have been used as a vehicle to provide regular dissemination of ongoing remediation and site investigation activities and data. These semi-annual reports have presented data and information related to three parallel courses of action that have been ongoing at the Bulk Fuels Facility site, including the following:

- Ongoing remediation to address the vadose zone at the Former Fuel Offloading Rack (ST-106)
- Interim remedial actions to address the PSH on the groundwater (SS-111 interim remediation)
- Site investigation activities to delineate the nature, magnitude, and extent of PSH impacts to groundwater (SS-111 investigation)

The semi-annual reports have presented data regarding the ongoing remediation of ST-106, the vadose zone contamination associated with the Former Fuel Offloading Rack. The activities and data that have been reported have been conducted as the Stage 2 Abatement action under a NMED-GWQB approved *Stage 2 Abatement Plan* (United States Air Force [USAF], 2002). The *Stage 2 Abatement Plan for the Bulk Fuels Facility (ST-106)* identified soil vapor extraction (SVE) as the preferred abatement option to be implemented at site ST-106 to attain abatement standards and requirements set forth in Section 4103 of Title 20 New Mexico Administrative Code (NMAC) Chapter 6 Part 2. The regular semi-annual reporting has detailed the operation and monitoring of the SVE system at the Former Fuel Offloading Rack area which had been ongoing as the approved Stage 2 abatement action for ST-106. The ST-106 remediation was initiated prior to the discovery of the PSH-impacts to groundwater.

The semi-annual reports have also presented data and information on the ongoing interim remediation that was instituted to begin recovery of PSH on the groundwater. Kirtland AFB has instituted PSH recovery directly from the aquifer surface at three well locations, utilizing the same SVE technology that was the approved Stage 2 Abatement action for site ST-106. These actions have been conducted as interim measures while site characterization activities continue. Similar data to that presented for the SVE operations for ST-106 are presented in the semi-annual reports for the interim remediation at SS-111, including operational and monitoring data for the SVE system installed in August 2008 and the two additional interim SVE remediation systems installed at the site in March 2009.

Finally, the semi-annual reports have also presented information and data from ongoing investigation activities related to site SS-111. Per a March 9, 2007 NMED-GWQB letter, reporting on the ongoing site investigation activities have been incorporated into the regularly issued reports that had originally reported only ST-106 Stage 2 Abatement activities. These reports have allowed information regarding successive investigation phases to be regularly disseminated to stakeholders, and presented in context with the other related site data, rather than having reporting held until all delineation activities were complete or having multiple reports that present limited facets of ongoing activities being issued at unscheduled intervals. Information presented in the semi-annual report regarding the SS-111 site investigation activities has included:

- Well completion reports for those new groundwater monitoring wells installed during each reporting period,
- The ongoing groundwater monitoring program's data, and evaluation of those data, and
- Recommendations for future site investigation activities.

Kirtland AFB received two letters from the NMED-Hazardous Waste Bureau (HWB) and the NMED-GWQB on April 2, 2010. These letters transfer regulatory control of the Bulk Fuels Facility site from the NMED-GWQB to the NMED-HWB. The NMED-HWB April 2, 2010 letter has required a variety of additional actions at the site and submittal of a series of work plans that will be submitted separately in June and July 2010. Based on this regulatory change, Kirtland AFB received additional instruction regarding future reporting requirements from the NMED-HWB in a June 4, 2010 letter. The June 4, 2010 letter indicates that the site reporting schedules will be modified to a quarterly basis. The first quarterly report under the new schedule will be for the reporting period from April through June 2010 reporting period and will be due in August 2010. Therefore, this current report will be the final report under the prior NMED-GWQB reporting schedule, reporting the two quarters of activities and data from October 2009 through March 2010 which was completed under the prior NMED-GWQB jurisdiction. Future reports will be issued on a quarterly basis and the format and content of those reports will be as specified in the NMED-HWB June 4, 2010 letter.

1.2. Report Organization

This Semi-Annual Remedial Action and Site Investigation Report presents the activities conducted, and data collected, from the period from October 2009 through March 2010. Activities were conducted to meet remediation and investigation objectives as documented in *Stage 2 Abatement Plan Modification Addenda* and as approved by the NMED-GWQB.

This report is organized into four sections, with this Introduction as Section 1.

Section 2 discusses the operation and optimization of the SVE remedial system infrastructures, including the original ST-106 system as well as the three additional interim systems for SS-111 that focus on direct recovery of PSH from the groundwater table. Information presented in Section 2 includes operational hours, system performance monitoring data, and calculations of extracted petroleum hydrocarbon quantities.

Section 3 discusses the monitoring activities and data associated with quarterly soil vapor and groundwater monitoring. While vapor in the subsurface itself is not a regulated environmental media, soil vapor monitoring in the vadose zone has and continues to be an important data collection tool to assess real time vadose zone changes associated with the remediation in the ST-106 area.

The ongoing groundwater sampling program, which now includes routine quarterly monitoring of 32 monitoring, production, and private well locations, is the primary data collection tool for evaluating nature and extent of both PSH and dissolved-phase groundwater impacts. Section 3 also discusses additional groundwater monitoring well installation activities conducted during the period. The monitoring well installation is generally described in Section 3 and specific details are further presented in the corresponding appendix.

Section 4 summarizes overall site conclusions from the reporting period, evaluates those findings in the context of prior data, and presents general recommendations for continued investigation and monitoring, and optimization of ongoing remedial activities. Work planning submittals prepared in response to the NMED-HWB April 2, 2010 letter may present more specific or different recommendations that supersede those presented here.

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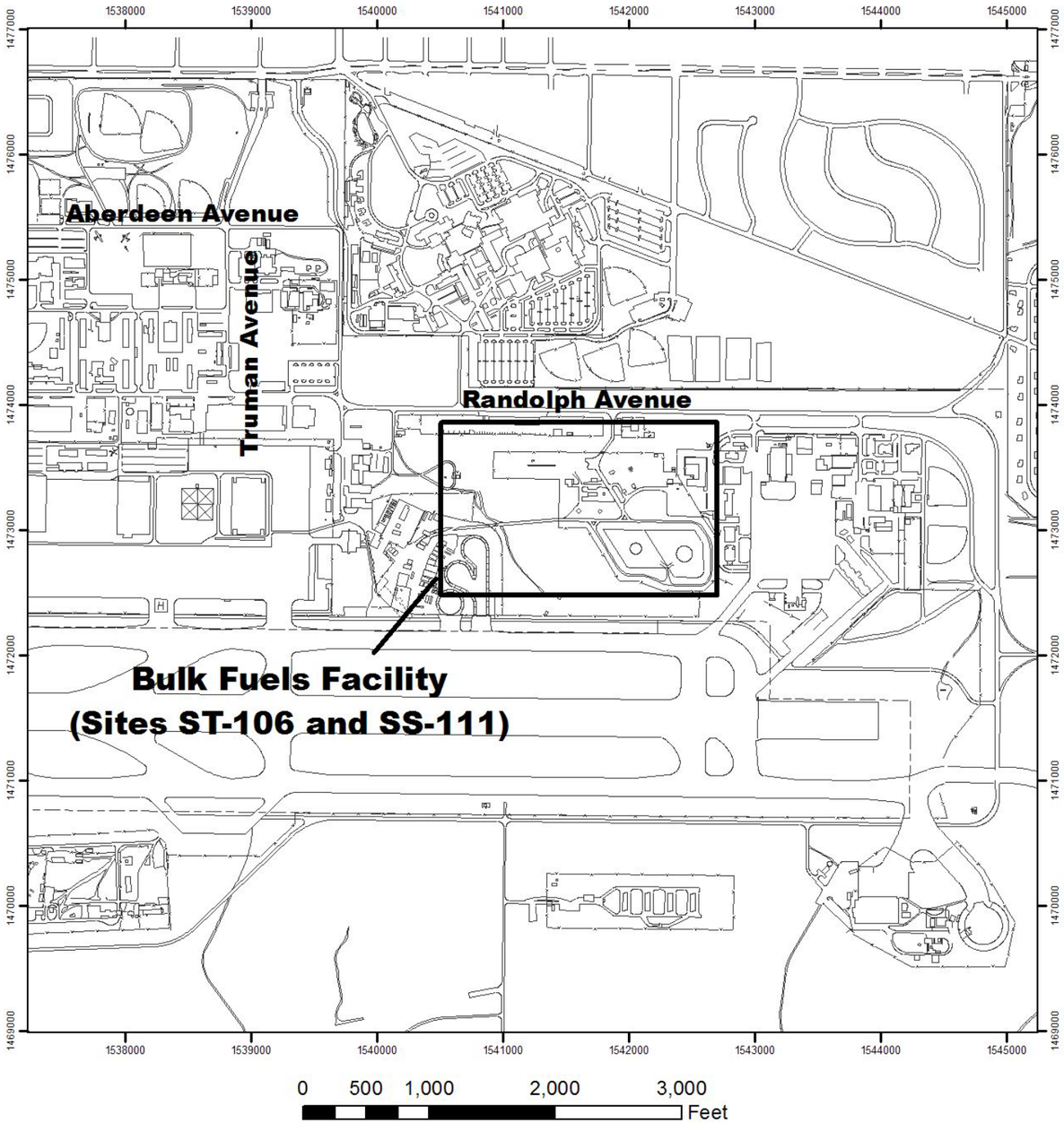

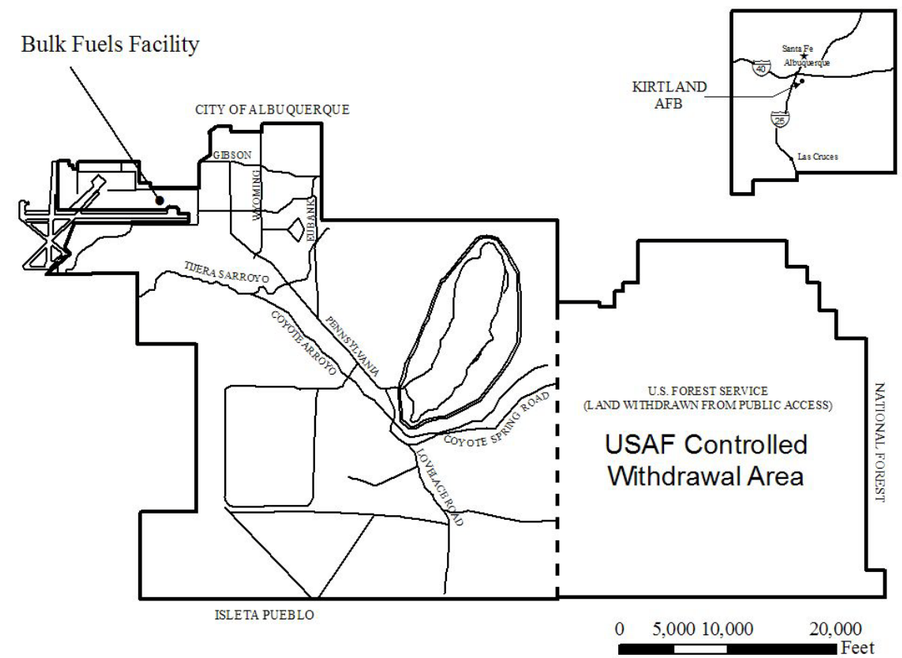

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Semi-Annual Summary and Performance Report

Bulk Fuels Facility

Figure 1-1

Site Location Map for the Bulk Fuels Facility

Revision Date: 14 May 2008

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2. REMEDIATION SYSTEMS OPERATION

This section provides an overview of the components of the SVE systems that are in use at the Bulk Fuels Facility and a summary of the operation, optimization and any infrastructure modifications for each system during the reporting period. Information provided in this report is for the reporting period from October 2009 through March 2010.

2.1 Remediation Systems

2.1.1 Soil Vapor Extraction and Treatment Systems

Each of the SVE and treatment systems in use at the Bulk Fuels Facility consist of trailer-mounted units that include specialized on-board computer controllers, sensors, and a pair of 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). Within each SVE system, the computer controller uses the engines as both the vacuum pump to provide the soil vapor extraction and as a means to destroy hydrocarbon vapors removed from the vadose zone. 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. Each unit 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 exhaust stream of each engine is fitted with a post-combustion catalytic converter to destroy unburned hydrocarbons remaining in the exhaust.

At ST-106, the Former Fuel Offloading Rack, the SVE and treatment system is 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 SVE and treatment systems installed at groundwater monitoring wells KAFB-1065, KAFB-1066, and KAFB-1068 are directly connected to PSH-containing wells with no need for a manifold system or mixing with other hydrocarbon vapor sources. The application of the vacuum at the wellheads induces volatilization of fuel from the PSH surface and the volatilized fuel stream is extracted via the well casing to the ground surface to directly operate the ICEs of the interim remedial system. The KAFB-1065 system was installed during August 2008 and the KAFB-1066 and KAFB-1068 systems were installed in March 2009. The SVE systems installed at monitoring wells KAFB-1065, KAFB-1066, and KAFB-1068 have some 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 SVE systems can operate at higher engine speeds (such as, 2,000 revolutions per minute [rpm]) to provide the vacuum necessary for higher extraction flow rates. However, the ability to operate the systems with the hydraulic loading modules engaged is dependent on the fuel content of the extracted well gas being high enough to support the increased fuel demands. If the extracted well gas is not of sufficiently high fuel content the additional energy is derived from increased supplemental fuel use and would not correlate to any greater mass

removal from the subsurface. Therefore, if sufficient fuel content is not present in the subsurface vapor stream to support hydraulic load operation the loading units are disengaged.

2.1.2 Soil Vapor Extraction and Treatment System Operational Issues

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.

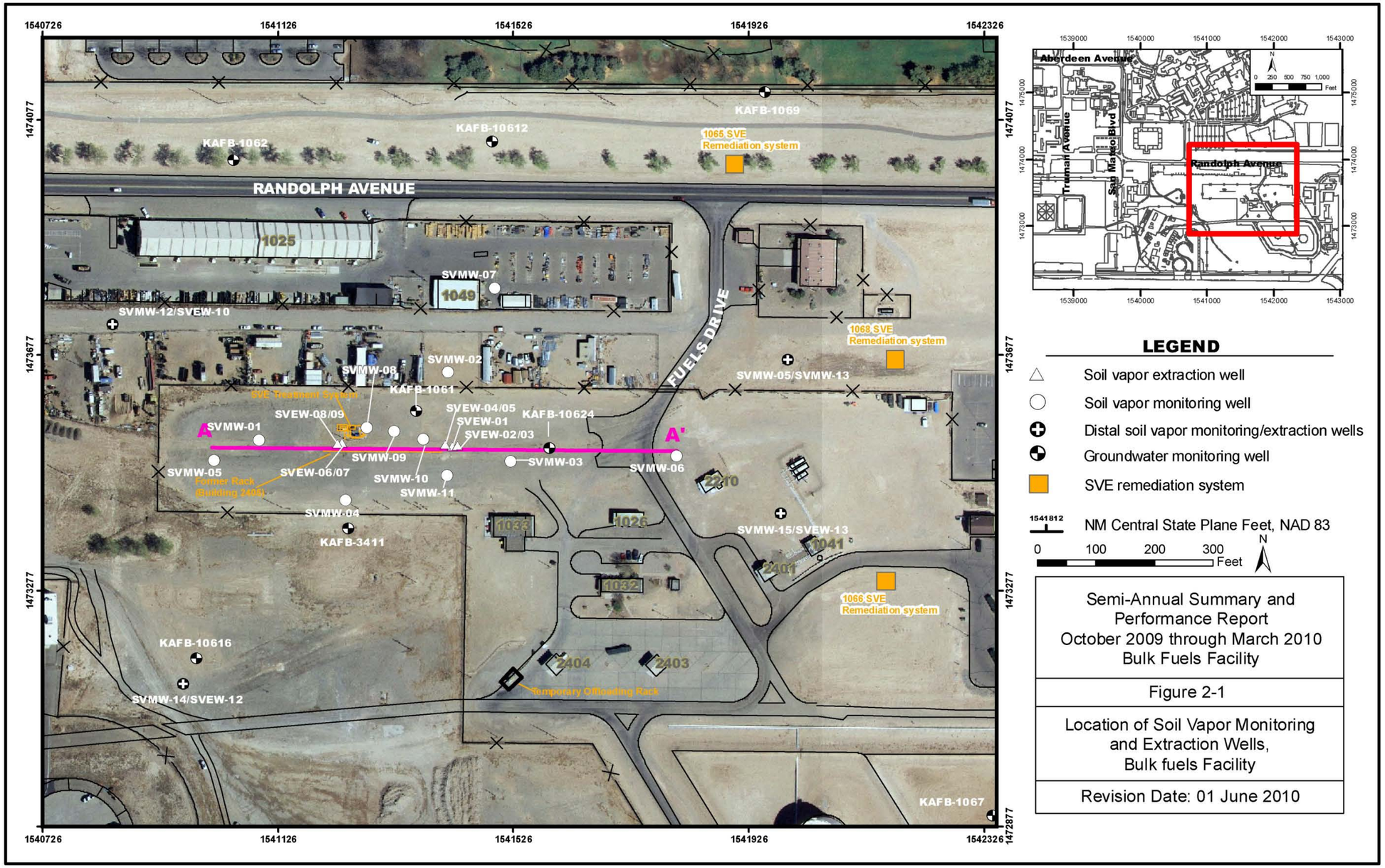
Throughout 2009, however, Kirtland AFB and the AEHD undertook additional discussion to evaluate whether initial performance testing and certification requirements stipulated by 40 CFR 60.4243(f) applied to the internal combustion engines within the SVE systems. There was uncertainty as to whether the SVE systems could or would meet the certification requirements and if they would be allowed to continue to operate. A variety of testing and evaluation of potential operational scenarios and conditions was undertaken throughout the reporting period to provide information on this subject. As a result of these uncertainties there were periods when the SVE systems were turned off to allow data collection to occur. Additionally some large effort routine maintenance tasks, such as replacing the engines on the ST-106 system, were deferred until a path forward for permitting and certification could be established with the AEHD. And finally, in the process of some of the fact finding preliminary emissions testing the engines at one system, KAFB-1066, actually incurred damage. As with the engine replacement tasks, repairs to the system engines were deferred until a permitting and certification option could be established. These circumstances all resulted in periods of downtime within the reporting period. Throughout the subsequent quarter, April through June 2010, Kirtland AFB has continued to work with AEHD to establish a basis for moving forward with an agreed upon certification testing protocol. Repair and large scale maintenance items for the SVE systems remained deferred as these issues continued to be addressed with the AEHD, the regulatory entity with regard to air emissions. A timeline for submittal of a testing protocol for AEHD's review has been established for June 2010 and repair and maintenance activities will proceed following that submittal. It should be noted that continued operation of the SVE systems will be contingent on the internal combustion engines meeting the 40 CFR 60.4243(f) certification requirements.

2.2 ST-106 Former Fuel Offloading Rack Stage 2 Abatement Plan Remedial Action

The following sections summarize the operation of the ST-106 SVE system at the Former Fuel Offloading Rack as the approved Stage 2 Abatement action for the vadose zone soil impacts at the site.

2.2.1 SVE System Operation

During the reporting period of October 2009 through March 2010, 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 2-1. Soil vapors from the active wells comprised the system's combined influent vapor (well locations are shown in Figure 2-1). 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.



Semi-Annual Summary and Performance Report
October 2009 through March 2010
Bulk Fuels Facility

Figure 2-1

Location of Soil Vapor Monitoring and Extraction Wells, Bulk fuels Facility

Revision Date: 01 June 2010

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Table 2-1. 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 2009 through March 2010
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		

During the combined two quarters of the reporting period from October 1, 2009 through March 30, 2010, at least one of the Former Fuel Offloading Rack SVE system engines was operational and actively removing and destroying contaminated subsurface soil vapor during 140 of the available 182 days of the reporting period, a 76.9-percent effective operation for the period. The ST-106 system was the system that was due for engine replacement work which was deferred pending resolution of the air permitting and certification issues. The operational run time percentages for the Former Fuel Offloading Rack SVE system for each month within the reporting period are provided in Appendix A. 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 site operations manual (USAF, 2009). A summary of the major maintenance activities, non-routine maintenance or repair activities, and system downtime during the reporting period are presented in Appendix A.

2.2.2 SVE System Hydrocarbon Recovery

The SVE system at the Former Fuel Offloading Rack began pilot test operation in April 2003 and full-scale operation as the approved Stage 2 Abatement action in July 2004. Hydrocarbon extraction quantities for both the reporting period and cumulatively for the ongoing Stage 2 Abatement actions are discussed in this section.

During the reporting period, 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.

Table 2-2 presents the calculated hydrocarbon recovery amounts for each month of the reporting period as well as the 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. 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. In addition to the hydrocarbon recovery volumes, the pressure monitoring data, Horiba field data, and other operational parameters for the Former Fuel Offloading Rack SVE system are also summarized in Table 2-2. The other field measured parameters and pressure measurements are used to support system operational modification decisions.

The Horiba-measured influent hydrocarbon vapor concentrations from Table 2-2 are 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 2-2 are 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 hydrocarbon recovery calculations are performed using the same basic equations and assumptions during each reporting period. A detailed explanation of the calculations has been provided within the text of prior reports. Since the calculations do not change, the specific equations, constants, and conversions that are used in the hydrocarbon recovery calculations are now presented in Appendix A for reference and not repeatedly presented in the body of the text.

The total hydrocarbon recovery for the Former Fuel Offloading Rack SVE system through the end of March 2010 was approximately 186,648 gallons. The SVE system extracted and destroyed approximately 6,858 equivalent gallons of petroleum hydrocarbons from October through December 2009, and approximately 2,337 equivalent gallons from January through March 2010. During the entire 6-month reporting period a total of 9,195 equivalent gallons of petroleum hydrocarbons were destroyed.

2.2.3 SVE System Vapor Sampling

Analytical samples of the combined influent soil vapor and the pre-catalytic converter and post-catalytic converter exhaust streams were collected on December 9, 2009 and February 26, 2010. 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 methyl ethyl ketone (MEK; also known as 2-butanone) by Method TO-15
- 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 2-3. The complete laboratory analytical data packages for vapor samples collected this reporting period are included with the other site analytical data in Appendix B. Prior quarters' influent and exhaust soil vapor results are presented in Appendix C.

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 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 VOCs. Low concentrations of some halogenated compounds were detected during this reporting period. Similar low, transient concentrations of these types of compounds have been historically observed and the presence of such compounds in the vapor streams will continue to be monitored.

Table 2-2. Cumulative Hydrocarbon Recovery, October 2009 through March 2010, ST-106, Former Fuel Offloading Rack

Field Parameter	Sample Date 10/1/2009		Sample Date 10/31/2009		Sample Date 11/30/2009		Sample Date 12/31/2009		Sample Date 1/31/2010	
Pressure (in H_2O)	NA		NA		-14.5		NA		NA	
HC (ppmv)	12,951		31,050		25,110		25,920		25,920	
O_2 (percent)	16.93		11.60		13.55		14.44		14.44	
CO (percent)	0.01		0.02		0.02		0.01		0.01	
CO_2 (percent)	2.22		5.44		5.12		5.06		5.06	
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)	45	56	44	33	33	33	31	0	31	0
Well Gas Inlet Flow Rate (m3/hr)	76.5	95.1	74.8	56.1	56.1	56.1	52.7	0.0	52.7	0.0
Hours of Operation	355	355	739.5	386.6	684.0	120.0	742.0	0.0	254.1	0.0
Hydrocarbon Recovery (gallons equivalent)	531	661	2,596	1,018	1,456	256	1,532	0	525	0
Cumulative Hydrocarbon Recovery (gallons equivalent)	177,453		181,067		182,779		184,311		184,836	
Field Parameter	**Sample Date** 2/28/2010		**Sample Date** 3/22/2010		**Sample Date** 3/30/2010					
Pressure (in H_2O)	NA		NA		NA					
HC (ppmv)	29,790		26,550		26,550					
O_2 (percent)	8.94		13.47		13.47					
CO (percent)	0.00		0.01		0.01					
CO_2 (percent)	7.38		5.72		5.72					
Active Wells	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**				
Well Gas Inlet Flow Rate (SCFM)	29	0	27	0	27	0				
Well Gas Inlet Flow Rate (m3/hr)	49.3	0.0	45.9	0.0	45.9	0.0				
Hours of Operation	253.7	0.0	514	0	164	0				
Hydrocarbon Recovery (gallons equivalent)	563	0	947	0	302	0				
Cumulative Hydrocarbon Recovery (gallons equivalent)	185,399		186,346		186,648					

Table 2-3. Summary of Vapor Inlet and Exhaust Detected Laboratory Sample Results, October 2009 through March 2010, ST-106, Former Fuel Offloading Rack (Continued, Page 1 of 2)

SVE System Inlet and Post Catalytic Converter Samples	ST-106 Former Fuel Offloading Rack SVE System			
	SVE Inlet	Post Cat E1	SVE Inlet	Post Cat E1
	12/9/2009	12/9/2009	2/26/2010	2/26/2010
VOC (ppbv) - EPA Method TO-15				
1,1,1-Trichloroethane	< 927	< .82	< 2530	< 21.3
1,1,2,2-Tetrachloroethane	< 1030	< .91	< 2810	< 23.7
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1330	< 1.18	< 3620	< 30.5
1,1,2-Trichloroethane	< 1120	< 1	< 3070	< 25.8
1,1-Dichloroethane	< 1270	< 1.13	< 3480	< 29.3
1,1-Dichloroethene	< 665	< .59	< 1820	< 15.3
1,2,4-Trichlorobenzene	< 1040	< .93	< 2850	< 24
1,2,4-Trimethylbenzene	**33,900**	**3.27 J**	**151,000**	**388**
1,2-Dibromoethane (EDB)	**1,550 J**	< .78	**5,160 J**	**24.5 J**
1,2-Dichloro-1,1,2,2-tetrafluoroethane	< 1290	< 1.14	< 3510	< 29.5
1,2-Dichlorobenzene	< 967	< .86	< 2640	< 22.2
1,2-Dichloroethane (EDC)	< 1170	< 1.04	< 3200	< 26.9
1,2-Dichloropropane	< 1130	< 1	< 3080	< 25.9
1,3,5-Trimethylbenzene	**12,600**	**1.3 J**	**52,400**	**149 J**
1,3-Dichlorobenzene	< 941	< .83	< 2570	< 21.6
1,4-Dichlorobenzene	< 940	< .83	< 2570	< 21.6
2-Butanone (MEK)	**166,000**	**33.6 J**	**599,000**	**1,660**
Acetone	**1,610,000**	**406**	**4,100,000**	**17,700**
Benzene	**300,000**	**202**	**805,000**	**1,730**
Bromomethane	< 798	**26.7**	< 2180	**76.7 J**
Carbon tetrachloride	< 519	**1.65 J**	< 1420	< 11.9
Chlorobenzene	< 1140	< 1.01	< 3100	< 26.1
Chloroethane	< 1520	< 1.35	< 4160	< 35
Chloroform	< 1290	< 1.14	< 3510	< 29.6
Chloromethane	< 771	**1.7 J**	< 2100	< 17.7
cis-1,2-Dichloroethene	< 1400	**3.15 J**	< 3830	< 32.2
cis-1,3-Dichloropropene	< 762	< .68	< 2080	< 17.5
Dichlorodifluoromethane	< 1410	< 1.25	< 3860	< 32.5
Ethylbenzene	**81,600**	**10.8**	**251,000**	**936**
Hexachlorobutadiene	< 785	< .7	< 2140	< 18
m,p-Xylene (Sum of Isomers)	**238,000**	**27.5**	**748,000**	**2,740**
Methyl tert-butyl ether (MTBE)	< 1600	< 1.42	< 4370	< 36.8
Methylene chloride	< 46250	< 41	< 126250	< 1062.5
Styrene	< 998	< .89	< 2720	< 22.9
Tetrachloroethene	< 1270	< 1.12	< 3460	**57.5 J**
Toluene	**891,000**	**149**	**2,340,000**	**7,810**
trans-1,3-Dichloropropene	< 793	< .7	< 2160	< 18.2
Trichloroethene	< 9250	**37.3**	< 3710	**186 J**
Trichlorofluoromethane	< 1420	< 1.25	< 3860	< 32.5
Vinyl chloride	< 1640	< 1.45	< 4460	< 37.6
Xylene, o-	**69,500**	**7.92 J**	**227,000**	**859**
TPH-mass (ug/L) - Method SW8015				
Gasoline Range Organics (GRO)	**41,100**	**66.8**	**73,200**	**410**

Table 2-3. Summary of Vapor Inlet and Exhaust Detected Laboratory Sample Results, October 2009 through March 2010, ST-106, Former Fuel Offloading Rack (Concluded, Page 2 of 2)

SVE System Inlet and Post Catalytic Converter Samples	ST-106 Former Fuel Offloading Rack SVE System			
	SVE Inlet	Post Cat E1	SVE Inlet	Post Cat E1
	12/9/2009	12/9/2009	2/26/2010	2/26/2010
Fixed Gas (percent) - Method SM2720C				
Carbon Dioxide	**2.59**	**5.6**	**4.42**	**7.77**
Carbon Monoxide	< .06	< .06	< .04	< .04
Methane	< .06	< .06	< .04	< .04
Nitrogen	**74.4**	**77.5**	**81.3**	**81.1**
Oxygen	**16.1**	**13.7**	**14.3**	**11.1**
Notes: Bold indicates analyte was detected				

The analytical data from the SVE system influent and exhaust streams provide information on the nature of subsurface vapor compounds and are an indicator of system performance as it relates to destruction efficiency. The destructive removal efficiency (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 December 2009 laboratory reported exhaust TPH concentrations for engine E1 was 66.8 micrograms per liter (μg/L). The DRE calculation using the laboratory-measured combined vapor inlet and average exhaust TPH concentrations (Table 2-3) for the period of October through December 2009 is as follows.

$$Destruction\ Efficiency = \left(\frac{41{,}100 - 66.8}{41{,}100} \times 100 \right) = 99.8\%$$

When using the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream the DREs for October, November, and December 2009 were 100, 99.9, and 99.9 percent, respectively. The Horiba data are provided in Appendix A.

The February 2010 laboratory reported exhaust TPH concentrations for engine E1 was 410 μg/L. The actual DRE calculation using the laboratory-measured combined vapor inlet and average exhaust TPH concentrations (Table 2-4) for the period of January through March 2009 is as follows:

$$Destruction\ Efficiency = \left(\frac{73{,}200 - 410}{73{,}200} \times 100 \right) = 99.4\%$$

When using the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream, the calculated DRE for February and March 2010 were 99.5, and 99.9 percent, respectively. The Horiba data are provided in Appendix A.

2.3 SS-111 PSH-Impacted Groundwater Interim Remedial Action

2.3.1 SS-111 SVE Systems Operation

During the reporting period the individual SVE systems located at wells KAFB-1065, KAFB-1066, and KAFB-1068 each extracted vapors only from the associated well as summarized in Table 2-4. Well locations are shown in Figure 2-1.

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

Extraction Well	Depth of Screened Interval (ft bgs)	Active Extraction Well During October 2009 through March 2010
KAFB-1065	484 – top of water table	Yes
KAFB-1066	483.5 – top of water table	Yes
KAFB-1068	486 – top of water table	Yes
ft bgs = feet below ground surface.		

During the combined two quarters of the reporting period, the KAFB-1066 SVE system had at least one engine operational and actively removing and destroying contaminated subsurface soil vapor during 157 of the available 182 days of the reporting period, an 86.3 percent effective operation for the period. During the combined two quarters of the reporting period, the KAFB-1066 SVE system had at least one engine operational and actively removing and destroying contaminated subsurface soil vapor during 65 of the available 182 days of the reporting period, a 35.7 percent effective operation for the period. The KAFB-1066 system is the unit that experienced mechanical damage to the engines as a result of the preliminary emissions testing and for which repairs were then deferred pending resolution of the engine certification issues. During the combined two quarters of the reporting period, the KAFB-1068 SVE system had at least one engine operational and actively removing and destroying contaminated subsurface soil vapor during 91 of the available 182 days of the reporting period, a 50.0 percent effective operation for the period.

The operational run time percentages for each system for each month within the reporting period are provided in Appendix A. 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 site operations manual (USAF, 2009). A summary of the major maintenance activities, non-routine maintenance or repair activities, and system downtime during the reporting period are presented in Appendix A.

2.3.2 KAFB-1065, KAFB-1066, and KAFB-1068 SVE Systems Hydrocarbon Recovery

The SVE remediation systems installed in 2008 and 2009 at wells KAFB-1065, KAFB-1066, and KAFB-1068 are equipped with remote telemetry that allows routine data 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. As previously discussed, a description of the basic calculations used in the hydrocarbon recovery calculations are provided in Appendix A for reference. The KAFB-1065 SVE system extracted and destroyed approximately 6,364 equivalent gallons of petroleum hydrocarbons from October through December 2009, and approximately 5,730 equivalent gallons from January through March 2010. During the entire 6-month reporting period a total of 12,094 equivalent gallons of petroleum hydrocarbons were destroyed. The cumulative hydrocarbon recovery for the KAFB-1065 SVE system was approximately 74,030 gallons through the end of March 2010. Hydrocarbon recovery volumes are shown in Table 2-5.

Table 2-5. Cumulative Hydrocarbon Recovery, October 2009 through March 2010, KAFB-1065 SVE and Treatment System

Field Parameter	Sample Date 10/1/2009 [a]	Sample Date 10/31/2009		Sample Date 11/30/2009		Sample Date 12/31/2009	
Engine		E1	E2	E1	E2	E1	E2
Pounds Removed		6,243.52	5,387.47	5,309.33	8,749.83	4,281	9,489
Hydrocarbon Recovery (gallons equivalent)		1,007.0	868.9	856.3	1,411.2	690.4	1,530.5
Cumulative Hydrocarbon Recovery (gallons equivalent)	61,936	63,812		66,079		68,300	

Field Parameter	Sample Date 1/31/2010		Sample Date 2/28/2010		Sample Date 3/31/2010	
Engine	E1	E2	E1	E2	E1	E2
Pounds Removed	4,707	6,808	6,761	7,247	4,637	5,365
Hydrocarbon Recovery (gallons equivalent)	759.1	1,098.0	1,090.4	1,168.9	747.9	865.3
Cumulative Hydrocarbon Recovery (gallons equivalent)	70,157		72,417		74,030	

a. Represents starting cumulative recovery at end of prior period.

The KAFB-1066 SVE system extracted and destroyed approximately 7,411 equivalent gallons of petroleum hydrocarbons from October through December 2009, and approximately 967 equivalent gallons from January through March 2010. During the entire 6-month reporting period a total of 8,377 equivalent gallons of petroleum hydrocarbons were destroyed. The cumulative hydrocarbon recovery for the KAFB-1066 SVE system was approximately 30,407 gallons through the end of March 2010. Hydrocarbon recovery volumes are shown in Table 2-6.

Table 2-6. Cumulative Hydrocarbon Recovery, October 2009 through March 2010, KAFB-1066 SVE and Treatment System

Field Parameter	Sample Date 10/1/2009 [a]	Sample Date 10/31/2009		Sample Date 11/30/2009		Sample Date 12/31/2009	
Engine		E1	E2	E1	E2	E1	E2
Pounds Removed		15,039	13,041	8,366	7,353	1,144	1,002
Hydrocarbon Recovery (gallons equivalent)		2,425.7	2,103.3	1,349.4	1,186.0	184.5	161.6
Cumulative Hydrocarbon Recovery (gallons equivalent)	22,030	26,559		29,094		29,441	

Field Parameter	Sample Date 1/31/2010		Sample Date 3/31/2010	
Engine	E1	E2	E1	E2
Pounds Removed	2,898	2,532	346	219
Hydrocarbon Recovery (gallons equivalent)	467.5	408.3	55.7	35.3
Cumulative Hydrocarbon Recovery (gallons equivalent)	30,316		30,407	

a. Represents starting cumulative recovery at end of prior period.

The KAFB-1068 SVE system extracted and destroyed approximately 5,012 equivalent gallons of petroleum hydrocarbons from October through December 2009, and approximately 2,049 equivalent gallons from January through March 2010. During the entire 6-month reporting period a total of 7,615 equivalent gallons of petroleum hydrocarbons were destroyed. The cumulative hydrocarbon recovery for the KAFB-1068 SVE system was approximately 32,801 gallons through the end of March 2010. Hydrocarbon recovery volumes are shown in Table 2-7.

Table 2-7. Cumulative Hydrocarbon Recovery, October 2009 through March 2010, KAFB-1068 SVE and Treatment System

Field Parameter	Sample Date		Sample Date		Sample Date		Sample Date	
	10/1/2009 [a]		10/31/2009		11/30/2009		12/31/2009	
Engine			E1	E2	E1	E2	E1	E2
Pounds Removed			8,371.4	2,832.9	5,192.6	6,878.8	3,995.3	3,803.4
Hydrocarbon Recovery (gallons equivalent)			1,350.2	456.9	837.5	1,109.5	644.4	613.4
Cumulative Hydrocarbon Recovery (gallons equivalent)	25,186		26,993		28,940		30,198	
Field Parameter	Sample Date		Sample Date		Sample Date			
	1/31/2010		2/28/2010		3/31/2010			
Engine	E1	E2	E1	E2	E1	E2		
Pounds Removed	5,843.3	4,635.6	3.0	2,221.6	2,401.9	1,034.2		
Hydrocarbon Recovery (gallons equivalent)	942.4	747.6	0.5	358.3	387.4	166.8		
Cumulative Hydrocarbon Recovery (gallons equivalent)	31,888		32,247		32,801			

a. Represents starting cumulative recovery at end of prior period.

In total, the three SS-111 SVE treatment systems extracted and destroyed 28,086 equivalent gallons during the reporting period. The cumulative hydrocarbon recovery for the three SS-111 SVE systems through the end of March 2010 was approximately 137,000 gallons. The primary variables that impact recovery amounts for individual months was downtime due to mechanical and air emissions testing issues and the need to adjust operational settings on the systems to reduced recovery amounts due to decreasing well gas fuel concentrations as a result of interference between the systems. In order to achieve a sustainable operational mode that does not require the use of substantial supplemental propane the three SS-111 SVE systems' operating set points have been changed which in turn reduces overall fuel recovery rates. However, without adjusting the operational settings the increased operation rates would not extract any more mass from the subsurface but rather would just obtain the needed fuel inputs from supplemental fuel.

2.3.3 SVE System Vapor Sampling

Monthly onsite vapor sampling using the Horiba analyzer was conducted throughout the reporting period. Samples of the combined influent soil vapor and the pre-catalytic converter and post-catalytic converter exhaust streams for laboratory analysis were collected on December 30, 2009 from the KAFB-1065 and KAFB-1068 SVE systems and on February 26, 2010 from the KAFB-1065 SVE system. The KAFB-1066 SVE system was not operational at the time of either sampling events, and the KAFB-1068 SVE system was not operational at the time of the February sampling event.

The 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, MTBE, and MEK by Method TO-15;
- Fixed gases (oxygen, nitrogen, carbon monoxide, carbon dioxide, and methane) by Method SM 2720C; and
- TPH GRO by Method SW8015.

The laboratory analytical results are summarized in Table 2-8. The complete laboratory analytical data packages for vapor samples collected this reporting period are included with all other site analytical data in Appendix B. Prior quarters' influent and exhaust soil vapor results are presented in Appendix C.

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 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 VOCs. Low concentrations of some halogenated compounds were detected during this reporting period in vapor samples. Similar low, transient concentrations of halogenated compounds have been historically observed and the presence of such compounds will continue to be monitored.

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Table 2-8. Summary of Vapor Inlet and Exhaust Detected Laboratory Sample Results, October 2009 through March 2010, KAFB-1065 and KAFB-1068 SVE Systems (Continued, Page 1 of 2)

SVE System Inlet and Post Catalytic Converter Samples	1065 SVE System		1068 SVE System			1065 SVE System		
	SVE Inlet	Post Cat E2	SVE Inlet	Post Cat E1	Post Cat E2	SVE Inlet	Post Cat E1	Post Cat E2
	12/30/2009	12/30/2009	12/30/2009	12/30/2009	12/30/2009	2/26/2010	2/26/2010	2/26/2010
VOC (ppbv) - EPA Method TO-15								
1,1,1-Trichloroethane	< 626	< 31.2	< 510	< 1.15	< 10.5	< 511	< 17.9	**32.4 J**
1,1,2,2-Tetrachloroethane	< 696	< 34.7	< 567	< 1.28	< 11.7	< 568	< 19.9	< 5.8
1,1,2-Trichloro-1,2,2-trifluoroethane	< 895	< 44.6	< 729	< 1.64	< 15	< 731	< 25.6	< 7.45
1,1,2-Trichloroethane	< 758	< 37.8	< 617	< 1.39	< 12.7	< 619	< 21.7	< 6.31
1,1-Dichloroethane	< 860	< 42.8	< 701	< 1.58	< 14.5	< 703	< 24.6	< 7.16
1,1-Dichloroethene	< 449	< 22.4	< 366	< .82	< 7.55	< 367	< 12.8	< 3.74
1,2,4-Trichlorobenzene	< 705	< 35.1	< 574	< 1.29	< 11.9	< 576	< 20.2	**6.85 J**
1,2,4-Trimethylbenzene	**27,700**	**61.2 J**	**20,500**	**3.11 J**	< 11.2	**24,500**	**630**	**131**
1,2-Dibromoethane (EDB)	< 597	< 29.7	**1,430 J**	< 1.1	< 10	**623 J**	< 17.1	**7.92 J**
1,2-Dichloro-1,1,2,2-tetrafluoroethane	< 868	< 43.2	< 707	< 1.59	< 14.6	< 709	< 24.8	< 7.23
1,2-Dichlorobenzene	< 653	< 32.5	< 532	< 1.2	< 11	< 533	< 18.7	< 5.44
1,2-Dichloroethane (EDC)	**948 J**	< 39.4	**821 J**	< 1.45	< 13.3	< 646	< 22.6	< 6.58
1,2-Dichloropropane	< 762	< 37.9	< 620	< 1.4	< 12.8	< 622	< 21.8	< 6.35
1,3,5-Trimethylbenzene	**13,700**	**38.6 J**	**9,700**	< 1.32	< 12.1	**10,000**	**345**	**52.2**
1,3-Dichlorobenzene	< 635	< 31.6	< 517	< 1.17	< 10.7	< 519	< 18.2	< 5.29
1,4-Dichlorobenzene	< 635	< 31.6	< 517	< 1.16	< 10.7	< 518	< 18.1	**6.2 J**
2-Butanone (MEK)	< 248	< 12.4	**7,370 J**	< .46	< 4.18	< 203	**324 J**	**228**
Acetone	< 12490	< 622	**35,600**	< 22.9	< 607	< 10200	**4,210**	**2,790**
Benzene	**330,000**	**27,900**	**336,000**	**63**	**19,100**	**178,000**	**19,000**	**5,640**
Bromomethane	< 539	< 26.8	< 439	**1.12 J**	**42.6 J**	< 440	**150 J**	**74.1**
Carbon tetrachloride	< 350	< 17.5	< 285	< .64	< 5.89	< 286	< 10	**5.62 J**
Chlorobenzene	< 768	< 38.2	< 625	< 1.41	< 12.9	< 627	< 21.9	< 6.39
Chloroethane	< 1030	< 51.2	< 838	< 1.89	< 17.3	< 840	< 29.4	< 8.57
Chloroform	< 869	< 43.3	< 707	< 1.59	< 14.6	< 709	< 24.8	< 7.23
Chloromethane	< 520	< 25.9	< 424	< .95	< 8.75	< 425	< 14.9	**5.81 J**
cis-1,2-Dichloroethene	< 947	< 47.2	< 771	< 1.74	< 15.9	< 774	< 27.1	< 7.89
cis-1,3-Dichloropropene	< 514	< 25.6	< 419	< .94	< 8.65	< 420	< 14.7	< 4.28
Dichlorodifluoromethane	< 955	< 47.6	< 778	< 1.75	< 16.1	< 780	< 27.3	< 7.95
Ethylbenzene	**56,600**	**310 J**	**70,400**	**3.83 J**	**16 J**	**32,700**	**2,590**	**543**
Hexachlorobutadiene	< 530	< 26.4	< 432	< .97	< 8.91	< 433	< 15.2	< 4.41
m,p-Xylene (Sum of Isomers)	**218,000**	**974**	**200,000**	**11.3 J**	**35.9 J**	**115,000**	**6,550**	**926**
Methyl tert-butyl ether (MTBE)	< 1080	< 53.8	< 880	< 1.98	< 18.2	< 882	< 30.9	< 8.99
Methylene chloride	< 930	< 46.3	< 757	< 57.3	< 15.6	< 25500	< 892.5	< 260
Styrene	< 674	< 33.6	< 549	< 1.24	< 11.3	< 550	**414**	**204**
Tetrachloroethene	< 856	< 42.6	< 697	< 1.57	< 14.4	< 699	< 24.5	**22.9 J**

Table 2-8. Summary of Vapor Inlet and Exhaust Detected Laboratory Sample Results, October 2009 through March 2010, KAFB-1065 and KAFB-1068 SVE Systems (Concluded, Page 2 of 2)

SVE System Inlet and Post Catalytic Converter Samples	1065 SVE System		1068 SVE System			1065 SVE System		
	SVE Inlet	Post Cat E2	SVE Inlet	Post Cat E1	Post Cat E2	SVE Inlet	Post Cat E1	Post Cat E2
	12/30/2009	12/30/2009	12/30/2009	12/30/2009	12/30/2009	2/26/2010	2/26/2010	2/26/2010
VOC (ppbv) - EPA Method TO-15								
Toluene	**736,000**	**7,130**	**788,000**	**44.3**	**166**	**395,000**	**23,100**	**4,610**
trans-1,3-Dichloropropene	< 535	< 26.6	< 436	< .98	< 9	< 437	< 15.3	< 4.46
Trichloroethene	< 918	< 45.7	< 747	< 1.68	< 105	< 749	< 26.2	< 7.64
Trichlorofluoromethane	< 956	< 47.6	< 778	< 1.75	< 16.1	< 780	< 27.3	< 7.96
Vinyl chloride	< 1100	< 55	< 899	< 2.02	< 18.6	< 902	< 31.6	< 9.19
Xylene, o-	**62,300**	**324**	**55,500**	**3.48 J**	< 14.8	**34,300**	**2,050**	**281**
TPH-mass (ug/L) - Method SW8015								
Gasoline Range Organics (GRO)	**68,000**	**2,070**	**36,400**	**110**	**1,350**	**41,700**	**2,110**	**551**
Fixed Gas (percent) - Method SM2720C								
Carbon Dioxide	**3.94**	**3.95**	**1.25**	< .05	**7.09**	**1.68**	**9.56**	**9.12**
Carbon Monoxide	< .08	< .07	< .07	< .07	< .07	< .04	< .04	< .04
Methane	< .08	< .07	< .07	< .07	< .07	< .04	< .04	< .04
Nitrogen	**92.4**	**78.3**	**76.4**	**73.3**	**84.6**	**82.9**	**83.1**	**82.6**
Oxygen	**16.7**	**15.5**	**14.4**	**20.9**	**10.8**	**15.4**	**7.34**	**8.29**

Notes:

Bold indicates analyte was detected

The analytical data from the SVE system influent and exhaust streams provide information on the nature of subsurface vapor compounds and are an indicator of system performance as it relates to destruction efficiency. Because the method of calculating the system specific destruction efficiency is the same for the SS-111 SVE systems as the ST-106 system, and was discussed in Section 2.2.3 above, the actual calculations will not be shown here, only the results of the DRE calculations are presented.

- When using the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream (data presented in Appendix A) the DREs for the KAFB-1065 SVE system for October, November, and December 2009 were 98.0, 98.0, and 92.4 percent, respectively. The December 2009 laboratory results reported the KAFB-1065 system combined inlet TPH concentration was 68,000 μg/L and the exhaust TPH concentrations for engine E2 was 2,070 μg/L. The calculated DRE for the KAFB-1065 SVE system for the period of October through December 2009 is 97.0 percent.

- When using the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream (data presented in Appendix A) the DREs for the KAFB-1066 SVE system for October and November 2009 were 100.0, and 98.3 percent, respectively. The KAFB-1066 SVE system was not operating when the analytical samples were collected from the inlet and exhausts in December. As such DREs from both analytical and Horiba measurements for December 2009 were not calculated.

- The DREs for the KAFB-1068 SVE system for October, November, and December 2009 were 97.1, 94.7, and 98.7 percent, respectively. The December 2009 laboratory results reported the KAFB-1068 system combined inlet TPH concentration was 36,400 μg/L and the exhaust TPH concentrations for engines E1 and E2 were 110 μg/L and 1,350 μg/L, respectively (averaging 730 μg/L). The calculated DRE for the KAFB-1068 SVE system for the period of October through December 2009 is 98.0 percent.

- When using the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream (data presented in Appendix A) the DREs for the KAFB-1065 SVE system for January and February 2010 were 95.2, and 97.5 percent, respectively. The February 2009 laboratory results reported the KAFB-1065 system combined inlet TPH concentration was 41,700 μg/L and the exhaust TPH concentrations for engines E1 and E2 were 2,110 μg/L and 551 μg/L, respectively (averaging 1,330.5 μg/L). The calculated DRE for the KAFB-1065 SVE system for the period of January through March 2010 is 96.8 percent.

- When using the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream (data presented in Appendix A) the DRE for the KAFB-1066 SVE system for January was 97.7 percent. The KAFB-1066 SVE system was not operating when the analytical samples were collected from the inlet and exhausts in February 2010. As such DREs from analytical data from February 2010 were not calculated.

- When using the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream (data presented in Appendix A) the DREs for the KAFB-1068 SVE system for January and February 2010 were 98.4, and 95.0 percent, respectively. The KAFB-1068 SVE system was not operating when the analytical samples were collected from the inlet and exhausts in February 2010. As such DREs from analytical data from February 2010 were not calculated

2.4 Waste Generation

The maintenance activities for the SVE and treatment systems 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 55-gallon drums of used motor oil totaling 661 pounds, one 30-gallon drum and one 55-gallon drum of used antifreeze totaling 420 pounds, and one 55-gallon drum of used oil filters totaling 180 pounds. The used oil and used antifreeze were disposed of by fuels blending and recycling. The used oil filters were disposed of by metal recycling. Waste disposal documentation is provided in Appendix D.

Liquid condensate is another waste stream associated with SVE operation. The liquid condensate is primarily generated during cooler-season months (typically October through April) 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 SVE systems causes the moisture in the influent vapor stream to condense. Currently the process vapor and condensed-liquid streams at each SVE system are directed through 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. Twenty 55-gallon drums of condensate, totaling 8,116 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.

2.5 SVE and Treatment Systems Operational Summary

Four SVE and treatment systems operated at the Bulk Fuels Facility during the period from October 2009 through March 2010. One system, referred to as the Former Fuel Offloading Rack system, continued to operate as the approved Stage 2 Abatement action for the vadose zone contamination associated with ST-106. The other three SVE systems operated as interim remedial measures being applied directly to the PSH on groundwater aspect of the site that has been designated as SS-111. During the reporting period the SVE and treatment systems recovered the following amounts:

- The cumulative hydrocarbon recovery for the Former Fuel Offloading Rack SVE system through the end of March 2010 was approximately 186,648 gallons. The SVE system extracted and destroyed a total of 9,195 equivalent gallons of petroleum hydrocarbons during the reporting period.

- The cumulative hydrocarbon recovery for the KAFB-1065 SVE system was approximately 74,030 gallons through the end of March 2010. The KAFB-1065 SVE system extracted and destroyed a total of 12,094 equivalent gallons of petroleum hydrocarbons during the reporting period.

- The cumulative hydrocarbon recovery for the KAFB-1066 SVE system was approximately 30,407 gallons through the end of March 2010. The KAFB-1066 SVE system extracted and destroyed a total of 8,377 equivalent gallons of petroleum hydrocarbons during the reporting period.

- The cumulative hydrocarbon recovery for the KAFB-1068 SVE system was approximately 32,801 gallons through the end of March 2010. The KAFB-1068 SVE system extracted and destroyed a total of 7,615 equivalent gallons of petroleum hydrocarbons during the reporting period.

The ongoing operation of the KAFB-1065 SVE system and the further addition of the KAFB-1066 and KAFB-1068 SVE systems in March 2009 have substantially changed the subsurface vapor extraction regime at the water table interface across the Bulk Fuels Facility site. With the ongoing operation of these three SVE systems decreases in the gross hydrocarbon concentrations of the vapor inlets have been observed.

Operational changes and additional infrastructure modifications continue to be evaluated to optimize the operation of the SS-111 interim SVE and treatment systems. The goal of the optimization efforts will be to extract 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.

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3. SITE INVESTIGATION

3.1 Site Investigation Objectives

This section summarizes the ongoing site investigation activities that occurred at the Kirtland AFB Bulk Fuels Facility site between October 2009 and March 2010. The site investigation activities and the objective of these activities are described below:

- **Ongoing soil vapor monitoring.** Soil vapor monitoring provides the primary data set for assessing vadose zone impacts and evaluating progress related to the ongoing Stage 2 Abatement action to address soil contamination in the ST-106 Former Fuel Offloading Rack area.

- **Ongoing groundwater monitoring well installation site investigation activities.** These activities, that have been conducted in accordance with approved NMED-GWQB Stage 2 Abatement Plan addenda, are systematically addressing data gaps related to the source area, to the release mechanisms, and to the delineation of PSH and dissolved-phase groundwater impacts in order to support selection of a full-scale remediation approach.

- **Ongoing groundwater monitoring.** Quarterly groundwater monitoring provides the primary data set used to evaluate the nature and extent of both PSH and dissolved-phase groundwater impacts. These data are integral in assessing impacts to potential receptors as well as identifying a full-scale remedial approach for the groundwater impacts at the site.

3.2 Site Investigation Activities

3.2.1 Groundwater Monitoring Well Installation

During the fourth quarter of 2009, field work was conducted to install one additional groundwater monitoring well at the site. Well installation proceeded according to the *Stage 2 Abatement Plan Modification* (USAF, 2007a) and the November 2009 *Stage 2 Abatement Plan Modification Addendum* (USAF, 2009a, b) approved by the NMED-GWQB. The new well, KAFB-10625, was completed on December, 9 2009 and supplements the other 24 groundwater monitoring wells that had been installed previously. The location of the new well that was completed is shown on Figure 3-1, along with the locations of the existing site wells. During March 2010 the wellhead of the new well was damaged during roadway construction being conducted by the Albuquerque Bernalillo Country Water Utility Authority. Further assessment and repair of the well condition was scheduled for April 2010. A full discussion of the entire monitoring well installation field effort is presented in the Well Construction Report provided as Appendix E.

The installation of well KAFB-10625 supports the continuing investigation to delineate the nature and extent of dissolved-phase groundwater impacts that extend out from the PSH body. Groundwater sample results for the new well, both the post-development sample and the first quarterly sample were collected during this reporting period and are discussed with all other groundwater monitoring data in Section 3.3.

Well KAFB-10625 had no detected PSH on the groundwater surface. The only dissolved phase fuel constituents detected at KAFB-10625 was ethylene dibromide (EDB) detected just above the EPA MCL. Figure 3-1 depicts the inferred extent of the PSH and the dissolved-phase plume on the groundwater surface as understood at the conclusion of the reporting period.

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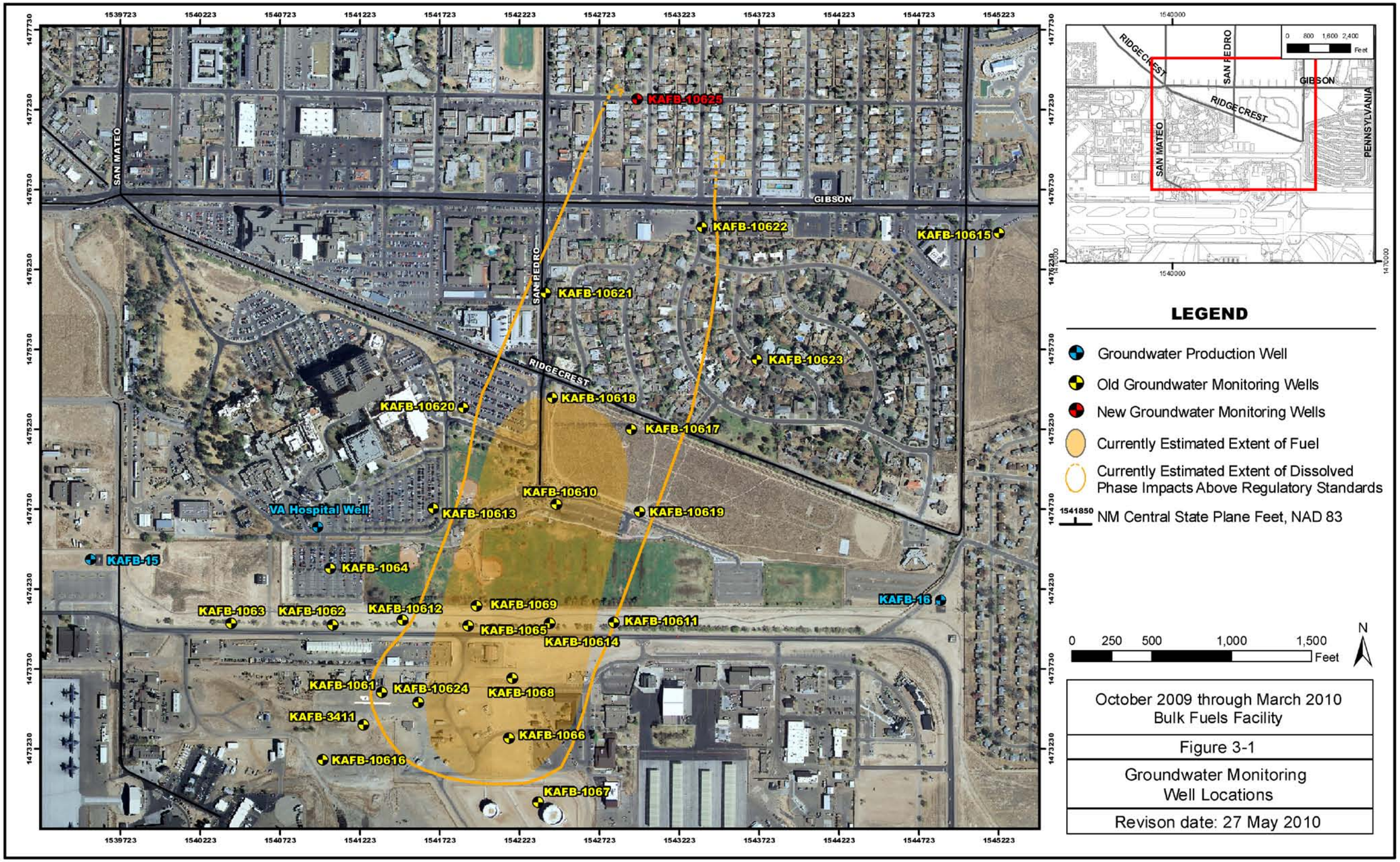
KAFB-10625
KAFB-10622
KAFB-10615
KAFB-10621
KAFB-10623
KAFB-10618
KAFB-10620
KAFB-10617
KAFB-10610
KAFB-10613
KAFB-10619
VA Hospital Well
KAFB-15
KAFB-1064
KAFB-1063
KAFB-1062
KAFB-10612
KAFB-1069
KAFB-1065
KAFB-10611
KAFB-10614
KAFB-16
KAFB-1061
KAFB-10624
KAFB-1068
KAFB-3411
KAFB-1066
KAFB-10616
KAFB-1067
SAN MATEO
SAN PEDRO
GIBSON
RIDGECREST
PENNSYLVANIA
LEGEND
Groundwater Production Well
Old Groundwater Monitoring Wells
New Groundwater Monitoring Wells
Currently Estimated Extent of Fuel
Currently Estimated Extent of Dissolved Phase Impacts Above Regulatory Standards
NM Central State Plane Feet, NAD 83
0 250 500 1,000 1,500 Feet
N
October 2009 through March 2010
Bulk Fuels Facility
Figure 3-1
Groundwater Monitoring Well Locations
Revison date: 27 May 2010

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3.3 Soil Vapor Monitoring

The Former Fuel Offloading Rack SVE remediation system at the Bulk Fuels Facility includes 13 SVEWs and 15 individual SVMW locations, each completed with three to four nested wells at different depths, for a total of 58 individual SVMW well screen intervals. Soil vapor samples and subsurface pressure measurements were collected for the fourth quarter of 2009 and for the first quarter of 2010 from SVMWs, SVEWs, and groundwater monitoring wells on October 30, November 9 through 12, December 30, January 15, January 29, February 15 through 19, and March 22. Data are presented in Table 3-1. The 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). During monitoring of the SVMWs (SVMW-01 through SVMW-11) and the distal wells (SVMW-12 through SVMW-15), samples and measurements are collected through the sample ports installed at the top of each individual well casing. For the manifold SVEWs, samples and measurements are collected through the sample ports installed immediately below each well's shutoff ball valve at the base of the well-control manifold. Vapor samples and measurements are also collected from the unsaturated screen intervals in the groundwater monitoring wells through sample ports installed in the Bennett pump wellhead fittings.

During both quarterly sampling events, the soil vapor samples were analyzed onsite using the Horiba meter for hydrocarbon concentration (ppmv) and for percent oxygen (O_2), carbon monoxide (CO), and carbon dioxide (CO_2). Collection and field measurements of soil vapor follow the procedures presented in detail in Section 4.6 of the *Operations and Maintenance Manual* (USAF, 2009). 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* (USAF, 2009).

The site-wide quarterly pressure monitoring and Horiba field analytical results are also summarized in Table 3-1. During sampling, measurements that indicate the vadose zone is subject to vacuum are reported on 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).

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

Well	Screen	Sample	Pressure	CO	CO_2	O_2	HC
SVMW-01	50 - 52.5	11/11/09	-0.13	0.00	9.44	8.93	36
SVMW-01	50 - 52.5	2/18/10	0.22	0.00	9.76	8.15	442
SVMW-01	100 - 102.5	11/11/09	-0.18	0.01	12.98	4.40	6,730
SVMW-01	100 - 102.5	2/18/10	0.24	0.00	13.26	4.06	6,320
SVMW-01	250.7 - 253.2	11/11/09	-2.3	0.00	1.76	19.10	332
SVMW-01	250.7 - 253.2	2/18/10	0.88	0.00	1.80	18.58	630
SVMW-01	308.5 - 311	11/11/09	-2.9	0.00	0.92	19.29	1,235
SVMW-01	308.5 - 311	2/18/10	0.86	0.00	1.04	18.58	1,473
SVMW-02	50 - 52.5	11/10/09	0.04	0.00	8.72	10.53	311
SVMW-02	50 - 52.5	2/16/10	0.18	0.00	8.90	10.05	973
SVMW-02	97 - 99.5	11/10/09	0.06	0.01	12.26	6.63	16,515
SVMW-02	97 - 99.5	2/16/10	0.20	0.00	11.12	7.55	9,740
SVMW-02	150 - 152.5	11/10/09	-2.3	0.00	1.30	16.81	2,240
SVMW-02	150 - 152.5	2/16/10	-0.68	0.00	1.80	15.62	2,230
SVMW-03	50 - 52.5	11/11/09	-0.04	0.00	9.00	11.20	316
SVMW-03	50 - 52.5	2/16/10	0.18	0.00	8.96	9.25	552
SVMW-03	100 - 102.5	11/11/09	-0.04	0.02	10.96	7.61	23,040
SVMW-03	100 - 102.5	2/16/10	0.26	0.00	14.26	2.16	27,900
SVMW-03	250 - 252.5	11/11/09	-2.5	0.00	3.50	13.98	3,910
SVMW-03	250 - 252.5	2/16/10	-0.58	0.00	4.36	10.70	7,610
SVMW-03	300 - 302.5	11/11/09	-3.0	0.03	3.44	17.37	21,420
SVMW-03	300 - 302.5	2/16/10	-0.76	0.00	2.68	16.07	18,450
SVMW-04	50 - 52.5	11/11/09	-0.13	0.00	10.66	6.61	1,121
SVMW-04	50 - 52.5	2/18/10	ATM	0.00	10.94	5.63	1,544
SVMW-04	98 - 100.5	11/11/09	-0.16	0.02	13.30	3.84	21,420
SVMW-04	98 - 100.5	2/18/10	ATM	0.00	13.04	3.47	19,890
SVMW-04	250 - 252.5	11/11/09	-2.2	0.00	2.34	19.01	2,470
SVMW-04	250 - 252.5	2/18/10	0.89	0.00	2.68	16.80	5,160
SVMW-04	297.5 - 300	11/11/09	-2.8	0.00	0.94	20.30	558
SVMW-04	297.5 - 300	2/18/10	0.91	0.00	0.92	18.43	1,101
SVMW-05	50 - 52.5	11/11/09	-0.10	0.00	5.78	15.09	27
SVMW-05	50 - 52.5	2/18/10	0.15	0.00	4.82	14.90	808
SVMW-05	100 - 102.5	11/11/09	-0.15	0.00	8.24	11.21	437
SVMW-05	100 - 102.5	2/18/10	0.18	0.00	8.60	9.70	705
SVMW-05	229.5 - 231	11/11/09	-2.4	0.00	1.10	21.05	26
SVMW-05	229.5 - 231	2/18/10	0.79	0.00	1.28	19.00	500
SVMW-05	287.5 - 290	11/11/09	-2.6	0.00	0.66	21.69	115
SVMW-05	287.5 - 290	2/18/10	0.74	0.00	1.14	18.89	730
SVMW-06	50 - 52.5	11/10/09	0.08	0.00	3.72	15.51	203
SVMW-06	50 - 52.5	2/18/10	0.10	0.00	4.08	15.35	885
SVMW-06	99.5 - 102	11/10/09	0.08	0.00	6.66	11.31	337
SVMW-06	99.5 - 102	2/18/10	0.06	0.00	6.94	11.34	652
SVMW-06	252 - 254.5	11/10/09	-2.1	0.00	1.84	12.00	7,401
SVMW-06	252 - 254.5	2/18/10	0.52	0.00	1.98	11.96	7,550
SVMW-06	302.5 - 305	11/10/09	-2.8	0.00	1.78	13.41	14,238

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 2 of 6)

Well	Screen	Sample	Pressure	CO	CO_2	O_2	HC
SVMW-06	302.5 - 305	2/18/10	0.06	0.00	1.98	11.64	29,250
SVMW-07	49.5 - 52	11/9/09	-1.0	0.00	0.90	15.83	433
SVMW-07	49.5 - 52	2/18/10	0.62	0.00	1.08	15.89	1,692
SVMW-07	95.5 - 98	11/9/09	-0.12	0.00	7.32	11.74	2,210
SVMW-07	95.5 - 98	2/18/10	0.04	0.00	7.28	11.93	2,670
SVMW-07	147.5 - 150	11/9/09	-0.04	0.00	6.36	13.37	93
SVMW-07	147.5 - 150	2/18/10	0.04	0.00	6.48	13.02	1,059
SVMW-08	50 - 52.5	11/11/09	0.22	0.00	10.76	6.68	950
SVMW-08	50 - 52.5	2/18/10	0.57	0.01	12.44	3.90	8,600
SVMW-08	100 - 102.5	11/11/09	--	--	--	--	--
SVMW-08	100 - 102.5	2/18/10	--	--	--	--	--
SVMW-08	250 - 252.5	11/11/09	-2.4	0.00	6.00	13.22	1,748
SVMW-08	250 - 252.5	2/18/10	1.30	0.00	2.24	17.18	2,550
SVMW-08	266 - 268.5	11/11/09	--	--	--	--	--
SVMW-08	266 - 268.5	2/18/10	--	--	--	--	--
SVMW-09	50 - 52.5	11/11/09	0.12	0.00	11.52	6.58	2,950
SVMW-09	50 - 52.5	2/18/10	0.38	0.00	10.64	7.13	4,240
SVMW-09	100 - 102.5	11/11/09	0.16	0.04	15.42	2.86	21,330
SVMW-09	100 - 102.5	2/18/10	0.44	0.00	13.06	3.95	4,450
SVMW-09	250 - 252.5	11/11/09	-2.1	0.00	2.70	16.87	4,830
SVMW-09	250 - 252.5	2/18/10	1.02	0.00	2.98	15.65	7,740
SVMW-09	266 - 268.5	11/11/09	-2.0	0.01	3.62	15.91	14,688
SVMW-09	266 - 268.5	2/18/10	1.02	0.00	3.36	15.30	22,770
SVMW-10	50 - 52.5	11/11/09	-0.01	0.04	15.00	4.91	42,840
SVMW-10	50 - 52.5	2/18/10	0.29	0.00	11.34	6.14	38,160
SVMW-10	100 - 102.5	11/11/09	-0.06	0.04	17.12	2.18	54,090
SVMW-10	100 - 102.5	2/18/10	0.32	0.00	15.80	1.45	44,010
SVMW-10	150 - 152.5	11/11/09	-2.0	0.06	8.64	7.80	37,440
SVMW-10	150 - 152.5	2/18/10	0.91	0.01	8.64	6.87	33,210
SVMW-10	250 - 252.5	11/11/09	-2.0	0.03	4.48	15.41	27,270
SVMW-10	250 - 252.5	2/18/10	0.70	0.02	3.92	12.78	24,030
SVMW-11	50 - 52.5	11/11/09	-0.04	0.02	16.54	0.66	9,930
SVMW-11	50 - 52.5	2/16/10	0.20	0.00	15.98	0.68	29,250
SVMW-11	100 - 102.5	11/11/09	-0.24	0.04	17.76	0.57	58,770
SVMW-11	100 - 102.5	2/16/10	0.22	0.00	15.86	0.53	53,640
SVMW-11	250 - 252.5	11/11/09	-2.5	0.04	7.36	13.86	46,530
SVMW-11	250 - 252.5	2/16/10	-0.80	0.00	10.90	5.29	40,230
SVMW-11	260 - 262.5	11/11/09	-2.5	0.00	0.50	22.16	9,549
SVMW-11	260 - 262.5	2/16/10	-0.46	0.00	6.16	11.94	18,360
SVMW-12	150 - 152.5	11/10/09	-2.3	0.00	0.16	19.76	43
SVMW-12	150 - 152.5	2/16/10	-0.58	0.00	0.22	19.78	585
SVMW-12	250 - 252.5	11/10/09	-2.5	0.00	0.34	19.47	897
SVMW-12	250 - 252.5	2/16/10	-0.70	0.00	0.34	19.50	1,048
SVMW-12	350 - 352.5	11/10/09	-2.3	0.00	12.12	10.36	669
SVMW-12	350 - 352.5	2/16/10	-0.78	0.00	2.28	10.95	598

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

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
SVMW-12	450 - 452.5	11/10/09	-2.2	0.00	0.34	19.52	1,042
SVMW-12	450 - 452.5	2/16/10	-0.74	0.00	0.34	19.46	1,187
SVMW-13	150 - 152.5	11/10/09	-3.1	0.01	1.78	14.57	16,533
SVMW-13	150 - 152.5	2/16/10	-1.30	0.00	1.34	14.40	22,500
SVMW-13	250 - 252.5	11/10/09	-2.5	0.00	0.68	18.18	2,140
SVMW-13	250 - 252.5	2/16/10	-1.20	0.00	1.04	14.18	6,280
SVMW-13	350 - 352.5	11/10/09	-2.7	0.00	2.50	14.89	467
SVMW-13	350 - 352.5	2/16/10	-0.72	0.00	2.32	14.74	730
SVMW-13	450 - 452.5	11/10/09	-3.0	0.00	0.80	16.98	35
SVMW-13	450 - 452.5	2/16/10	-0.60	0.00	0.96	15.66	506
SVMW-14	150 - 152.5	11/9/09	-2.0	0.00	0.26	19.58	60
SVMW-14	150 - 152.5	2/16/10	-0.71	0.00	0.24	19.86	464
SVMW-14	250 - 252.5	11/9/09	-1.2	0.00	0.30	19.53	50
SVMW-14	250 - 252.5	2/16/10	-0.75	0.00	0.30	19.69	686
SVMW-14	350 - 352.5	11/9/09	-1.7	0.00	0.14	19.83	193
SVMW-14	350 - 352.5	2/16/10	-0.93	0.00	0.18	19.81	652
SVMW-14	450 - 452.5	11/9/09	-1.9	0.01	2.86	6.58	13,617
SVMW-14	450 - 452.5	2/16/10	-1.30	0.00	3.42	4.55	25,110
SVMW-15	150 - 152.5	11/10/09	-2.2	0.00	0.36	17.75	284
SVMW-15	150 - 152.5	2/16/10	-0.69	0.00	0.60	16.42	2,360
SVMW-15	250 - 252.5	11/10/09	-2.5	0.00	0.84	16.06	592
SVMW-15	250 - 252.5	2/16/10	-0.82	0.00	0.84	15.92	1,025
SVMW-15	350 - 352.5	11/10/09	-2.5	0.01	1.30	14.78	16,767
SVMW-15	350 - 352.5	2/16/10	-1.30	0.00	1.06	14.25	18,180
SVMW-15	450 - 452.5	11/10/09	-3.0	0.01	0.64	20.73	6,330
SVMW-15	450 - 452.5	2/16/10	-1.30	0.00	2.22	14.44	28,080
SVEW-01	245 - 260	10/30/09	-4.30	0.03	6.40	12.83	34,380
SVEW-01	245 - 260	11/11/09	-4.0	0.04	6.70	12.07	30,330
SVEW-01	245 - 260	12/9/09	-3.00	0.02	6.42	13.03	31,050
SVEW-01	245 - 260	1/29/10	-1.0	0.00	3.16	17.10	10,332
SVEW-01	245 - 260	2/18/10	-0.18	0.01	8.88	6.62	31,230
SVEW-01	245 - 260	3/15/10	--	0.00	5.64	13.54	28,080
SVEW-02	45 - 60	10/30/09	-0.34	0.00	0.06	21.90	88
SVEW-02	45 - 60	11/11/09	0.30	0.01	6.84	10.48	6,500
SVEW-02	45 - 60	12/9/09	ATM	0.00	2.36	19.00	4,260
SVEW-02	45 - 60	1/29/10	0.02	0.00	4.54	14.71	3,570
SVEW-02	45 - 60	2/18/10	0.48	0.00	8.88	6.86	6,170
SVEW-02	45 - 60	3/15/10	--	0.01	8.40	8.45	6,150
SVEW-03	145 - 160	10/30/09	-1.10	0.00	0.70	20.96	2,120
SVEW-03	145 - 160	11/11/09	-1.2	0.00	0.68	19.92	654
SVEW-03	145 - 160	12/9/09	-0.08	0.01	6.98	11.04	6,910
SVEW-03	145 - 160	1/29/10	-0.80	0.00	0.98	19.65	306
SVEW-03	145 - 160	2/18/10	0.90	0.00	2.96	15.67	2,470
SVEW-03	145 - 160	3/15/10	--	0.00	1.40	20.81	241

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 4 of 6)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
SVEW-04	298 - 313	10/30/09	-1.20	0.01	1.06	19.01	8,230
SVEW-04	298 - 313	11/11/09	-2.8	0.00	0.92	18.25	6,250
SVEW-04	298 - 313	12/9/09	0.04	0.00	1.04	19.67	8,310
SVEW-04	298 - 313	1/29/10	-0.16	0.00	1.58	17.69	4,760
SVEW-04	298 - 313	2/18/10	2.5	0.00	1.14	17.57	5,700
SVEW-04	298 - 313	3/15/10	--	0.00	2.76	18.22	4,780
SVEW-05	445 - 460	10/30/09	-1.20	0.03	3.62	18.05	27,270
SVEW-05	445 - 460	11/11/09	-1.3	0.02	4.16	16.40	33,750
SVEW-05	445 - 460	12/9/09	0.46	0.02	2.06	19.18	30,330
SVEW-05	445 - 460	1/29/10	-1.2	0.00	5.86	9.69	14,931
SVEW-05	445 - 460	2/18/10	1.8	0.00	3.14	16.89	33,120
SVEW-05	445 - 460	3/15/10	--	0.00	5.50	16.41	24,930
SVEW-06	45 - 60	10/30/09	-0.20	0.00	0.02	22.35	218
SVEW-06	45 - 60	11/11/09	0.32	0.00	4.78	13.27	845
SVEW-06	45 - 60	12/9/09	ATM	0.00	1.60	20.36	706
SVEW-06	45 - 60	1/29/10	0.20	0.00	3.08	16.48	819
SVEW-06	45 - 60	2/18/10	0.45	0.01	7.90	8.40	1,353
SVEW-06	45 - 60	3/15/10	--	0.01	5.76	10.29	1,460
SVEW-07	145 - 160	10/30/09	-1.00	0.00	0.12	22.16	865
SVEW-07	145 - 160	11/11/09	-0.60	0.00	0.10	19.19	174
SVEW-07	145 - 160	12/9/09	-0.04	0.02	3.14	15.02	4,340
SVEW-07	145 - 160	1/29/10	-0.81	0.00	0.06	21.73	319
SVEW-07	145 - 160	2/18/10	2	0.00	1.86	16.59	1,466
SVEW-07	145 - 160	3/15/10	--	0.00	0.84	21.01	571
SVEW-08	245 - 260	10/30/09	0.02	0.00	2.88	11.84	9,610
SVEW-08	245 - 260	11/11/09	-1.7	0.00	2.46	13.89	5,900
SVEW-08	245 - 260	12/9/09	0.25	0.00	4.10	9.12	6,400
SVEW-08	245 - 260	1/29/10	-1.1	0.00	5.30	10.12	2,000
SVEW-08	245 - 260	2/18/10	1.7	0.00	4.10	15.47	1,339
SVEW-08	245 - 260	3/15/10	--	0.00	7.70	11.53	1,391
SVEW-09	435 - 450	10/30/09	-1.60	0.00	1.08	18.29	3,830
SVEW-09	435 - 450	11/11/09	-1.6	0.00	2.66	12.72	6,850
SVEW-09	435 - 450	12/9/09	0.20	0.00	4.04	9.25	6,380
SVEW-09	435 - 450	1/29/10	-1.1	0.00	5.16	9.52	2,636
SVEW-09	435 - 450	2/18/10	1.7	0.00	3.54	15.96	1,234
SVEW-09	435 - 450	3/15/10	--	0.00	4.18	16.44	1,245
SVEW-10	400 - 410	11/10/09	-2.2	0.00	0.02	21.35	43
SVEW-10	400 - 410	2/16/10	-0.73	0.00	0.04	20.82	338
SVEW-11	400 - 410	11/10/09	-3.0	0.00	0.38	18.60	3,450
SVEW-11	400 - 410	2/16/10	-1.20	0.00	0.88	15.50	7,080
SVEW-12	400 - 410	11/9/09	-1.2	0.00	0.00	21.11	58
SVEW-12	400 - 410	2/16/10	-0.88	0.00	0.16	19.91	914
SVEW-13	400 - 410	11/10/09	-3.0	0.00	0.24	21.83	2,790
SVEW-13	400 - 410	2/16/10	-1.50	0.00	1.50	15.21	21,600

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 5 of 6)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
KAFB-1061		11/12/09	0.04	0.00	0.14	21.05	279
KAFB-1061		2/15/10	-0.04	0.00	0.18	20.69	460
KAFB-1062		11/9/09	-1.1	0.00	0.00	20.88	85
KAFB-1062		2/18/10	1.1	0.00	0.10	20.91	896
KAFB-1063		11/12/09	0.06	0.00	0.02	21.39	136
KAFB-1063		2/16/10	-0.12	0.00	0.02	20.91	682
KAFB-1064		11/9/09	-1.1	0.00	0.06	20.86	98
KAFB-1064		2/15/10	-0.58	0.00	0.00	20.99	216
KAFB-1066		2/18/10	2.0	0.00	1.08	18.23	19,080
KAFB-1067		11/12/09	0.55	0.00	2.44	11.95	5,410
KAFB-1067		2/16/10	-0.77	0.00	1.58	15.55	1,871
KAFB-1069		11/12/09	0.18	0.02	3.30	17.27	42,570
KAFB-1069		2/15/10	-1.10	0.00	2.82	17.20	43,650
KAFB-10610		11/12/09	-1.8	0.02	1.24	19.24	26,370
KAFB-10610		2/15/10	-1.20	0.00	0.79	19.83	20,070
KAFB-10611		11/12/09	0.04	0.00	0.02	20.98	200
KAFB-10611		2/16/10	-0.04	0.00	0.16	20.56	857
KAFB-10612		11/9/09	-1.5	0.00	1.20	10.28	103
KAFB-10612		2/16/10	-0.86	0.00	0.74	18.05	525
KAFB-10613		11/12/09	1.8	0.01	0.08	20.83	427
KAFB-10613		2/15/10	-0.69	0.00	0.02	22.21	168
KAFB-10614		11/12/09	0.52	0.00	4.78	13.34	19,080
KAFB-10614		2/16/10	-1.50	0.00	3.50	13.14	7,210
KAFB-10615		11/12/09	0.41	0.00	0.04	21.06	126
KAFB-10615		2/16/10	-0.18	0.00	0.12	21.05	585
KAFB-10616		11/9/09	-1.0	0.00	3.42	4.40	13,428
KAFB-10616		2/16/10	-1.40	0.00	0.04	21.26	845
KAFB-10617		11/12/09	2.2	0.00	0.08	20.49	362
KAFB-10617		2/15/10	-0.63	0.00	0.02	20.91	287
KAFB-10618		11/12/09	2.5	0.00	0.22	20.36	110
KAFB-10618		2/15/10	-0.84	0.00	0.06	20.86	759
KAFB-10619		11/12/09	2.2	0.00	0.18	20.15	198
KAFB-10619		2/15/10	-0.79	0.00	0.04	21.09	376
KAFB-10620		11/12/09	1.8	0.00	0.00	20.89	226
KAFB-10624		11/12/09	1.2	0.01	4.02	1.52	24,930
KAFB-10624		2/18/10	0.74	0.00	0.10	21.02	623
KAFB-3411		11/9/09	-0.84	0.00	0.02	21.86	64
KAFB-3411		2/16/10	-0.32	0.00	0.08	21.99	915
ST106 Vapor Treatment Influent		10/30/09	-18.00	0.02	5.22	13.83	29,700
ST106 Vapor Treatment Influent		11/11/09	-14.5	0.02	5.12	13.55	25,110
ST106 Vapor Treatment Influent		12/9/09	-14.5	0.02	5.66	13.09	28,260

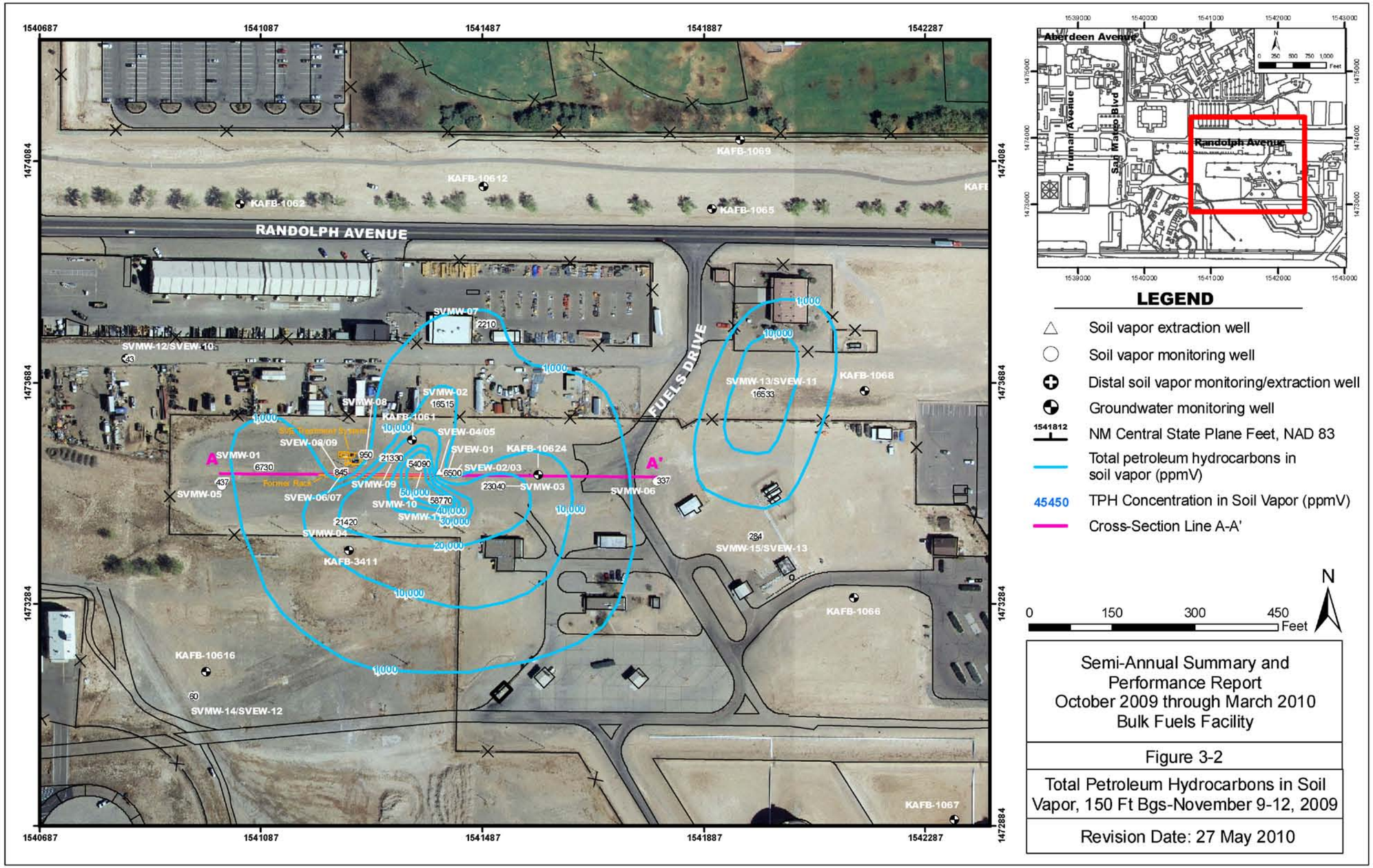
Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Continued, Page 6 of 6)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
ST106 Vapor Treatment Influent		1/15/10	System not operating				
ST106 Vapor Treatment Influent		2/18/10	-9	0.00	7.38	8.94	29,790
ST106 Vapor Treatment Influent		3/15/10	--	0.01	5.72	13.47	26,550
KAFB-1065 Vapor Treatment Influent		10/30/09	> -30	0.02	5.44	11.60	31,050
KAFB-1065 Vapor Treatment Influent		11/11/09	<-30	0.02	3.98	13.86	20,970
KAFB-1065 Vapor Treatment Influent		12/30/09		0.00	3.98	13.98	18,720
KAFB-1065 Vapor Treatment Influent		1/15/10	>-30	0.00	2.84	15.66	13,878
KAFB-1065 Vapor Treatment Influent		2/18/10	> - 30	0.00	2.98	15.91	16,272
KAFB-1065 Vapor Treatment Influent		3/15/10	System not operating				
SVE-1068 Vapor Treatment Influent		10/30/09	-18.00	0.01	2.28	14.16	27,450
SVE-1068 Vapor Treatment Influent		11/11/09	-19.1	0.02	2.42	13.54	22,050
SVE-1068 Vapor Treatment Influent		12/30/09		0.00	2.30	14.06	19,530
SVE-1068 Vapor Treatment Influent		1/15/10	-7.0	0.00	0.56	19.63	3,970
SVE-1068 Vapor Treatment Influent		2/19/10	-9.0	0.00	2.10	14.37	21,060
SVE-1068 Vapor Treatment Influent		3/15/10	System not operating				
SVE-1066 Vapor Treatment Influent		10/30/09	-13.30	0.01	4.90	11.00	60,840
SVE-1066 Vapor Treatment Influent		11/11/09	-12.5	0.00	4.84	10.92	53,190
SVE-1066 Vapor Treatment Influent		12/30/09	System not operating				
SVE-1066 Vapor Treatment Influent		1/15/10	-16.0	0.01	4.90	10.74	54,360
SVE-1066 Vapor Treatment Influent		2/18/10	System not operating				
SVE-1066 Vapor Treatment Influent		3/15/10	System not operating				

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 November 2009 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 November 2009.

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 2010 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 2010.

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. For reference, figures of the approximate soil vapor distribution measured beneath the site in the prior 2009 quarters are presented in Appendix C.


RANDOLPH AVENUE
FUELS DRIVE
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
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'
0 150 300 450 Feet
N
Semi-Annual Summary and Performance Report October 2009 through March 2010 Bulk Fuels Facility
Figure 3-2
Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-November 9-12, 2009
Revision Date: 27 May 2010

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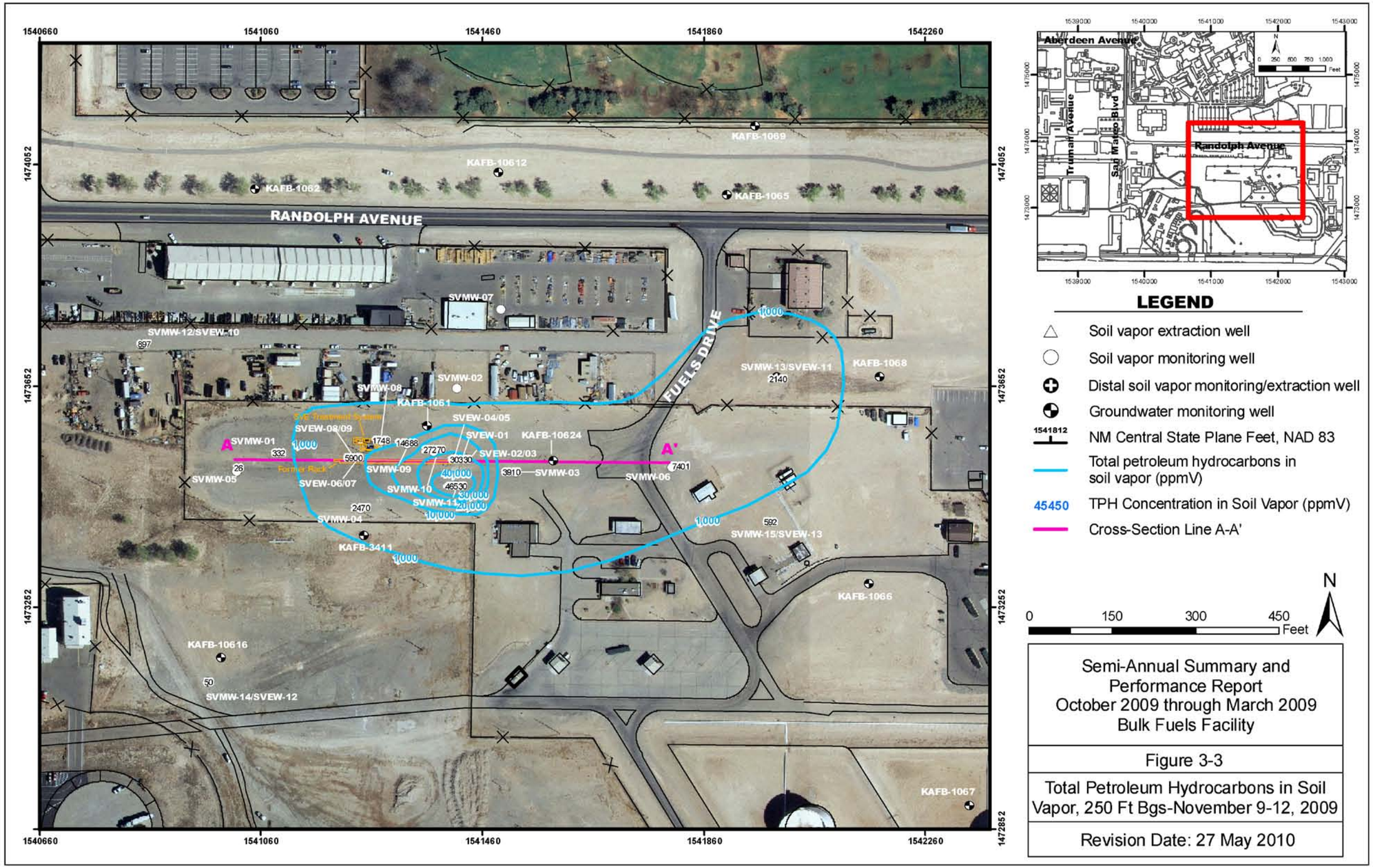
RANDOLPH AVENUE
FUELS DRIVE
Aberdeen Avenue
Randolph Avenue
Truman Avenue
San Mateo Blvd
LEGEND
Soil vapor extraction well
Soil vapor monitoring well
Distal soil vapor monitoring/extraction well
Groundwater monitoring well
NM Central State Plane Feet, NAD 83
Total petroleum hydrocarbons in soil vapor (ppmV)
TPH Concentration in Soil Vapor (ppmV)
Cross-Section Line A-A'
0 150 300 450 Feet
N
Semi-Annual Summary and Performance Report
October 2009 through March 2009
Bulk Fuels Facility
Figure 3-3
Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-November 9-12, 2009
Revision Date: 27 May 2010

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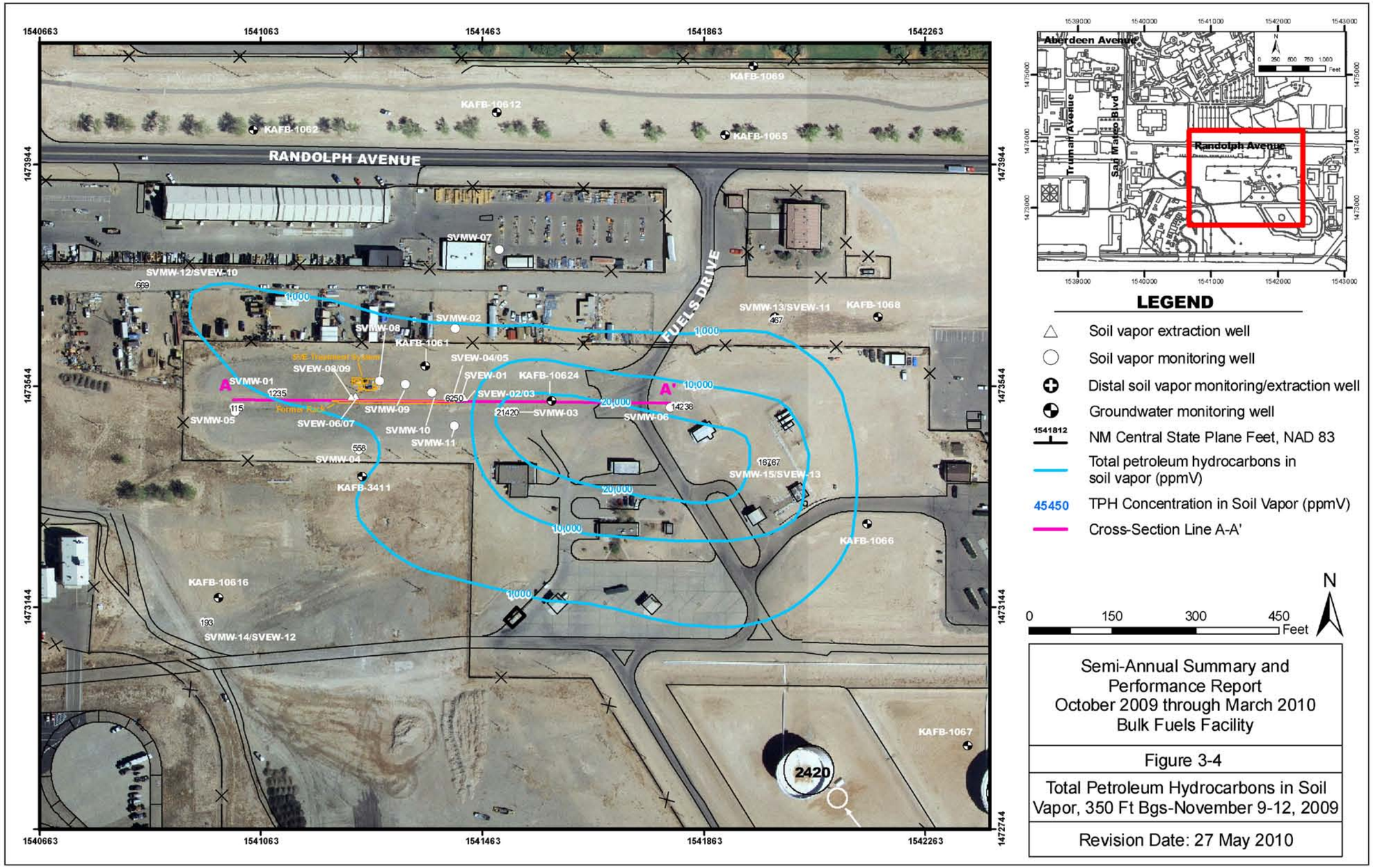
RANDOLPH AVENUE
FUELS DRIVE
KAFB-1062
KAFB-10612
KAFB-1069
KAFB-1065
SVMW-07
SVMW-12/SVEW-10
SVMW-13/SVEW-11
KAFB-1068
SVMW-08
SVMW-02
KAFB-1061
SVEW-04/05
SVEW-08/09
SVEW-01
KAFB-10624
SVEW-02/03
SVMW-01
SVMW-05
SVEW-06/07
SVMW-09
SVMW-10
SVMW-11
SVMW-03
SVMW-06
SVMW-04
KAFB-3411
SVMW-15/SVEW-13
KAFB-1066
KAFB-10616
SVMW-14/SVEW-12
KAFB-1067
2420
A
A'
1,000
10,000
20,000
1540663
1541063
1541463
1541863
1542263
1473944
1473544
1473144
1472744
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
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
150
300
450
Feet
N
Semi-Annual Summary and Performance Report
October 2009 through March 2010
Bulk Fuels Facility
Figure 3-4
Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-November 9-12, 2009
Revision Date: 27 May 2010

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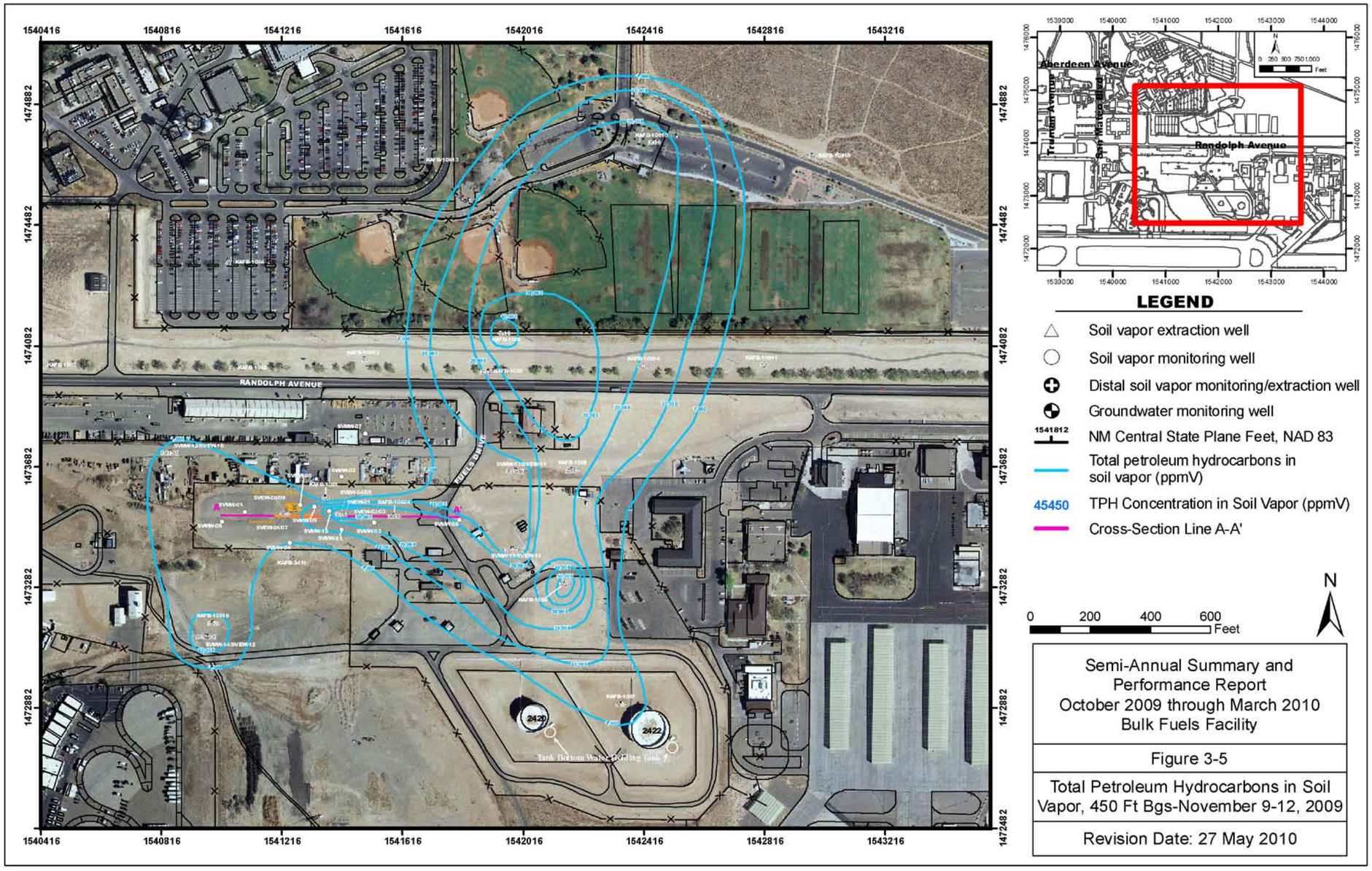
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1541216
1541616
1542016
1542416
1542816
1543216
1474882
1474482
1474082
1473682
1473282
1472882
1472482
RANDOLPH AVENUE
2420
2422
Tank Bottom Water Building Tank 7
Aberdeen Avenue
Truman Avenue
San Mateo Blvd
Randolph Avenue
LEGEND
Soil vapor extraction 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 2009 through March 2010
Bulk Fuels Facility
Figure 3-5
Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-November 9-12, 2009
Revision Date: 27 May 2010

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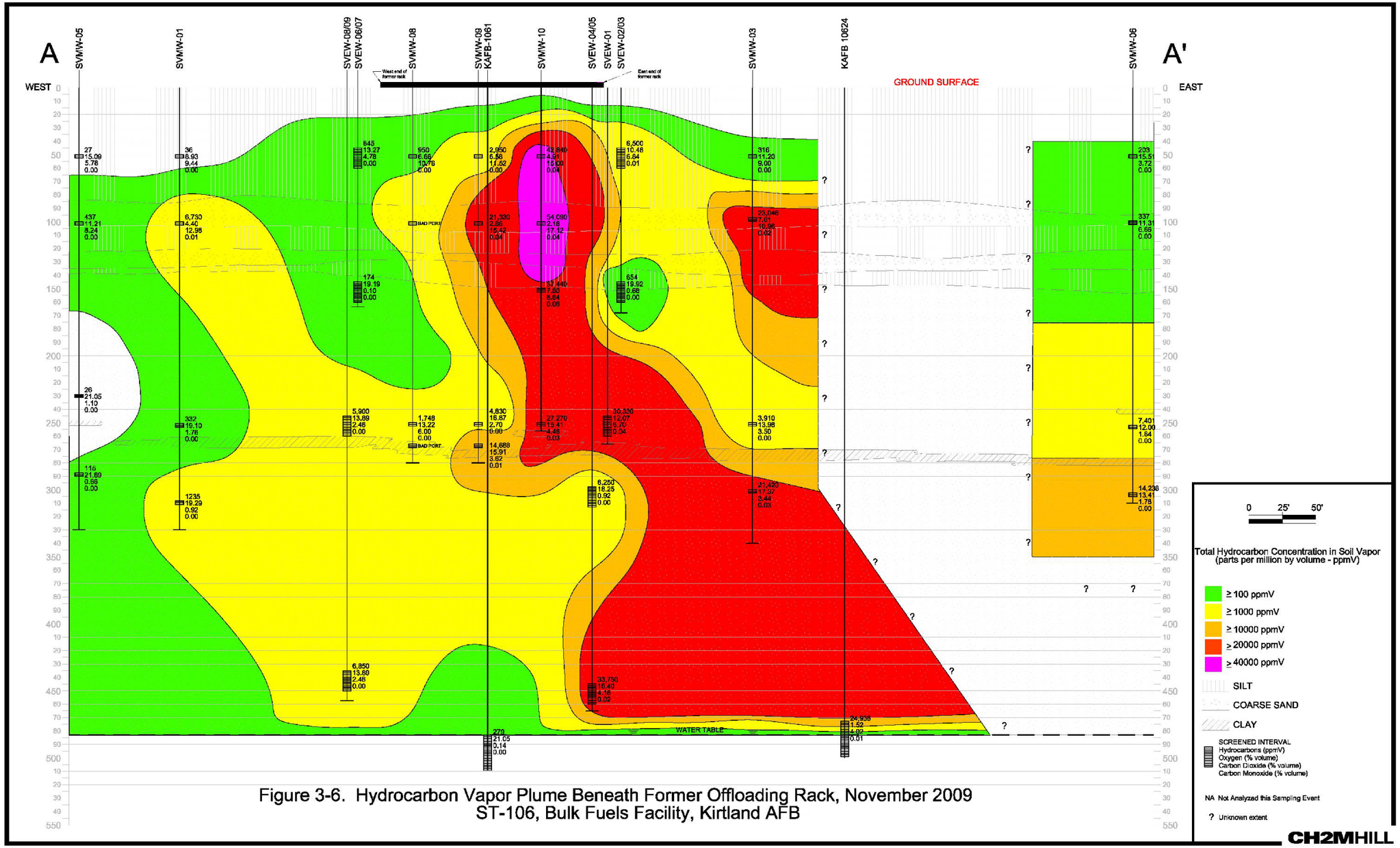

Figure 3-6. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, November 2009
ST-106, Bulk Fuels Facility, Kirtland AFB

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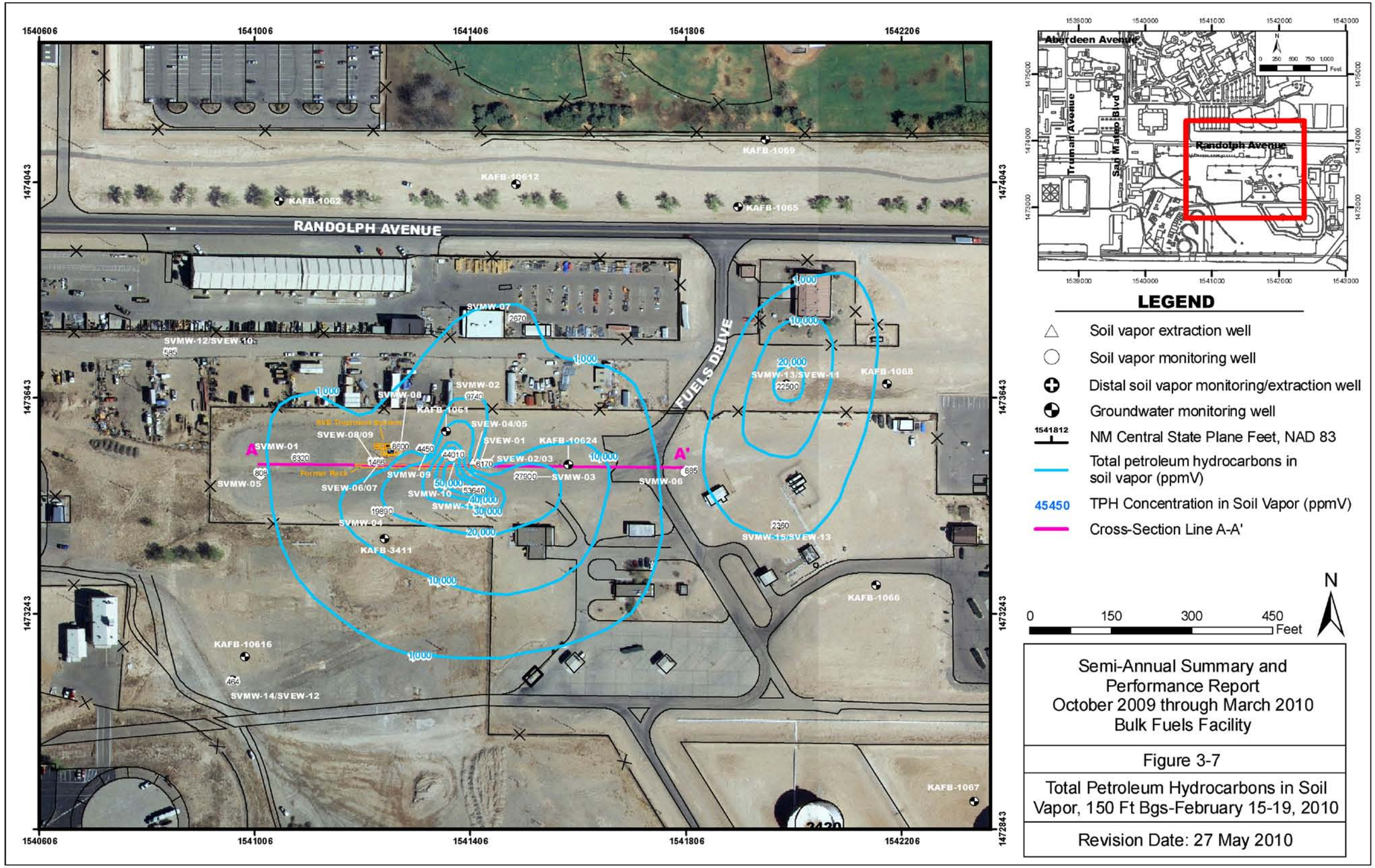

Semi-Annual Summary and Performance Report
October 2009 through March 2010
Bulk Fuels Facility

Figure 3-7

Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-February 15-19, 2010

Revision Date: 27 May 2010

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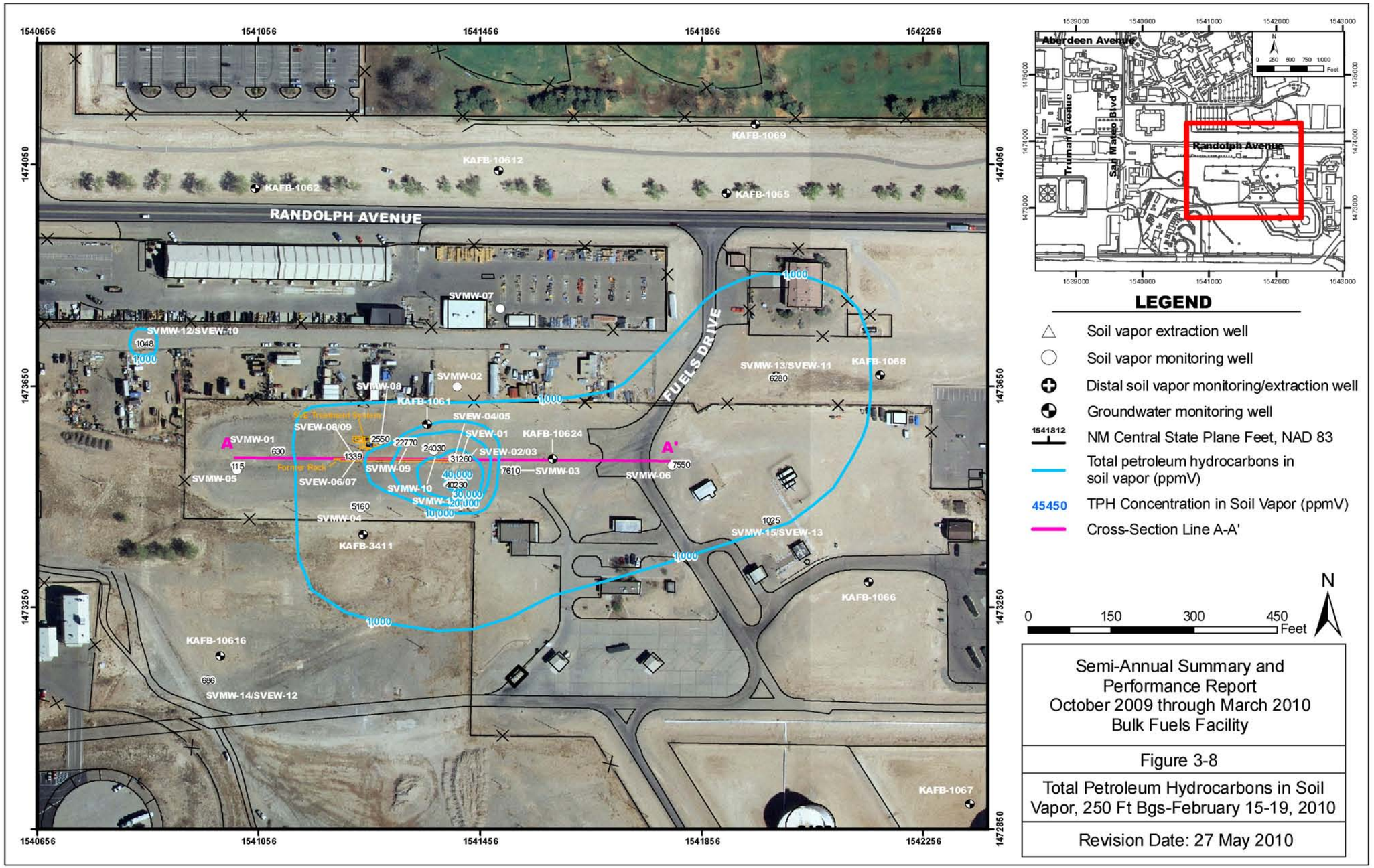
RANDOLPH AVENUE
FUELS DRIVE
KAFB-1069
KAFB-10612
KAFB-1062
KAFB-1065
SVMW-07
SVMW-12/SVEW-10
SVMW-13/SVEW-11
KAFB-1068
SVMW-02
SVMW-08
KAFB-1061
SVEW-04/05
SVEW-08/09
SVEW-01
KAFB-10624
SVEW-02/03
SVMW-01
SVMW-09
SVEW-06/07
SVMW-10
SVMW-03
SVMW-06
SVMW-05
SVMW-04
KAFB-3411
SVMW-15/SVEW-13
KAFB-1066
KAFB-10616
SVMW-14/SVEW-12
KAFB-1067
A
A'
1000
40,000
30,000
20,000
10,000
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1541456
1541856
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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
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'
0 150 300 450 Feet
N
Semi-Annual Summary and Performance Report
October 2009 through March 2010
Bulk Fuels Facility
Figure 3-8
Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-February 15-19, 2010
Revision Date: 27 May 2010

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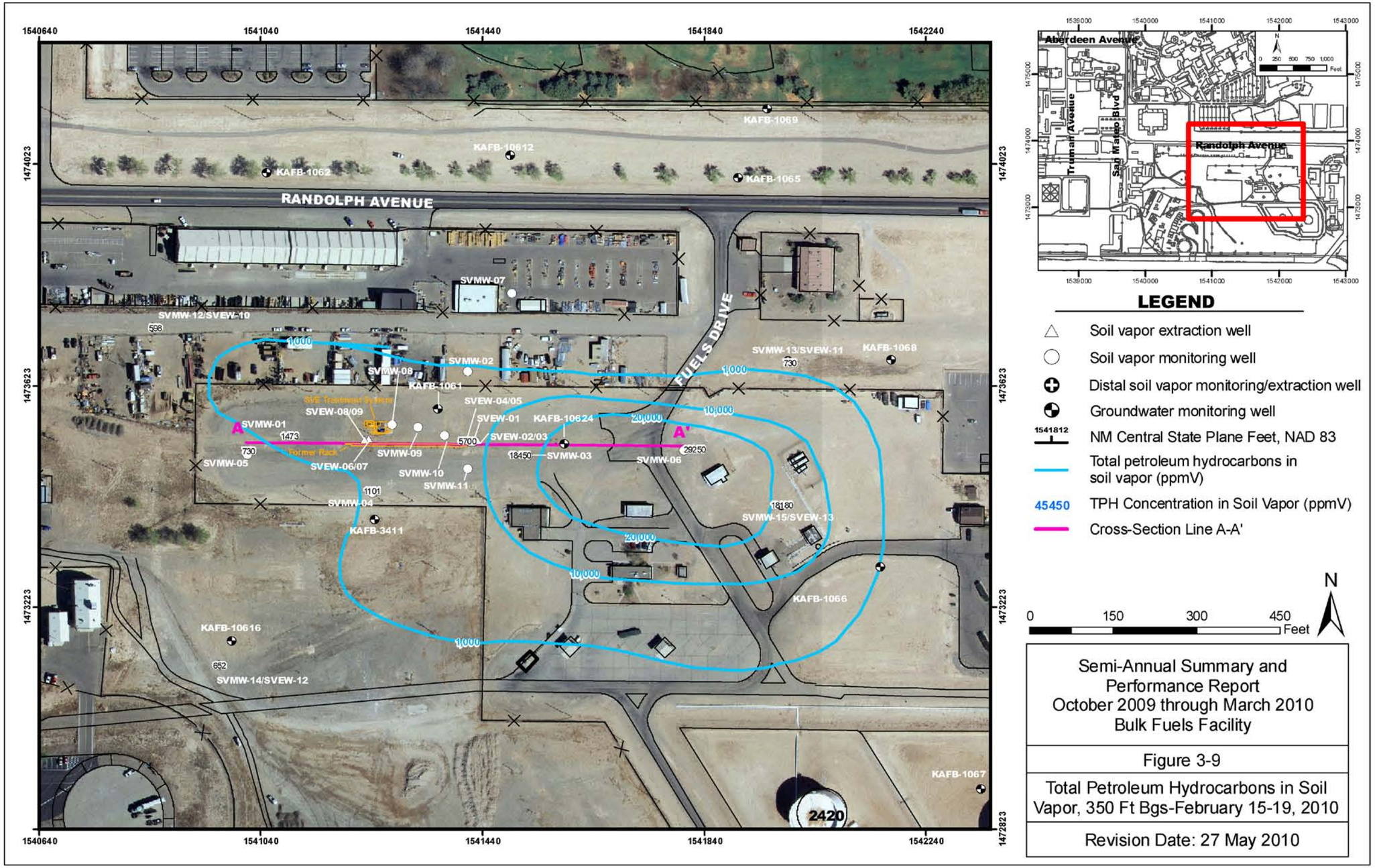

Semi-Annual Summary and Performance Report
October 2009 through March 2010
Bulk Fuels Facility

Figure 3-9

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-February 15-19, 2010

Revision Date: 27 May 2010

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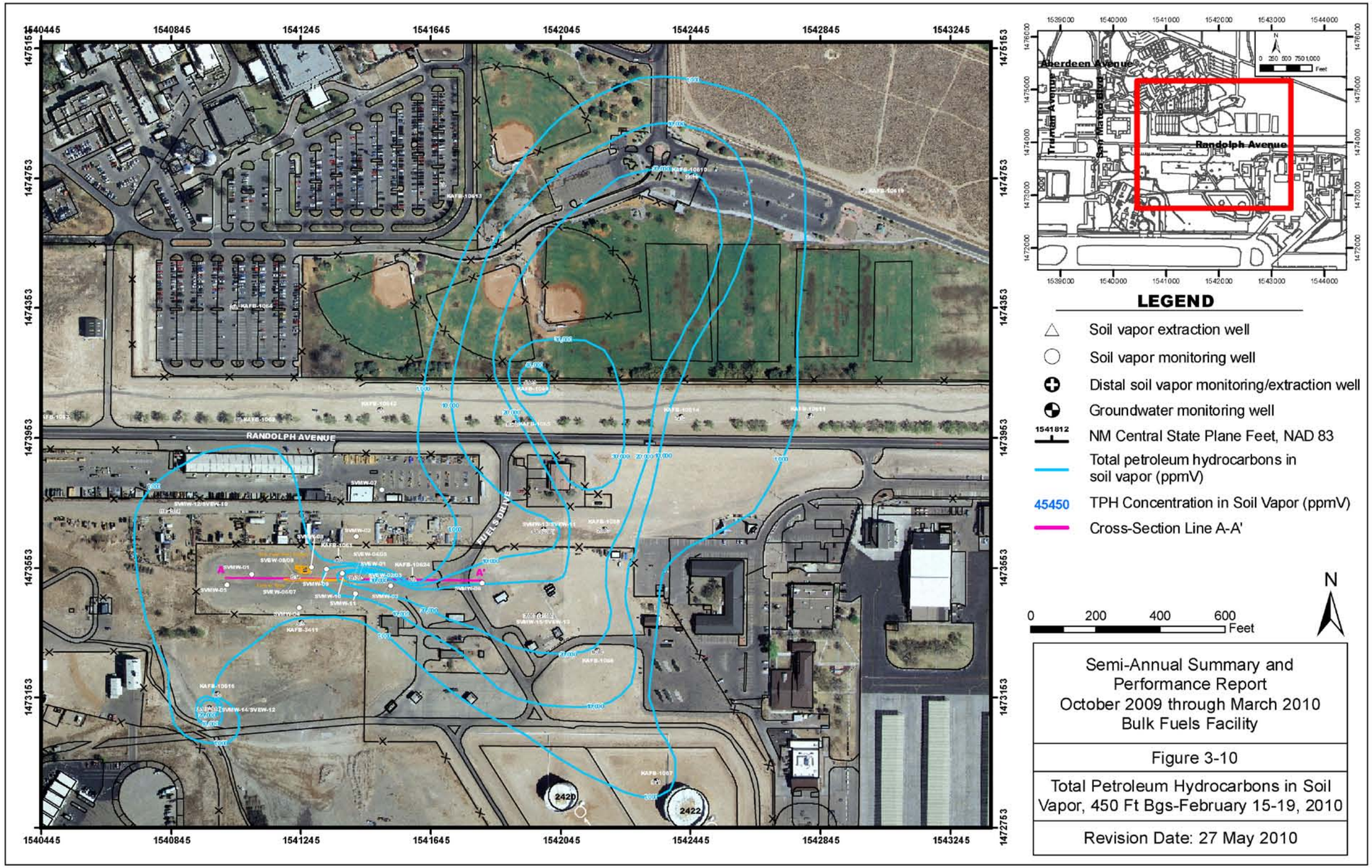
RANDOLPH AVENUE
FUELS DRIVE
Aberdeen Avenue
Truman Avenue
Randolph Avenue
LEGEND
Soil vapor extraction well
Soil vapor monitoring well
Distal soil vapor monitoring/extraction well
Groundwater monitoring well
1541812
NM Central State Plane Feet, NAD 83
Total petroleum hydrocarbons in soil vapor (ppmV)
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 2009 through March 2010
Bulk Fuels Facility
Figure 3-10
Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-February 15-19, 2010
Revision Date: 27 May 2010

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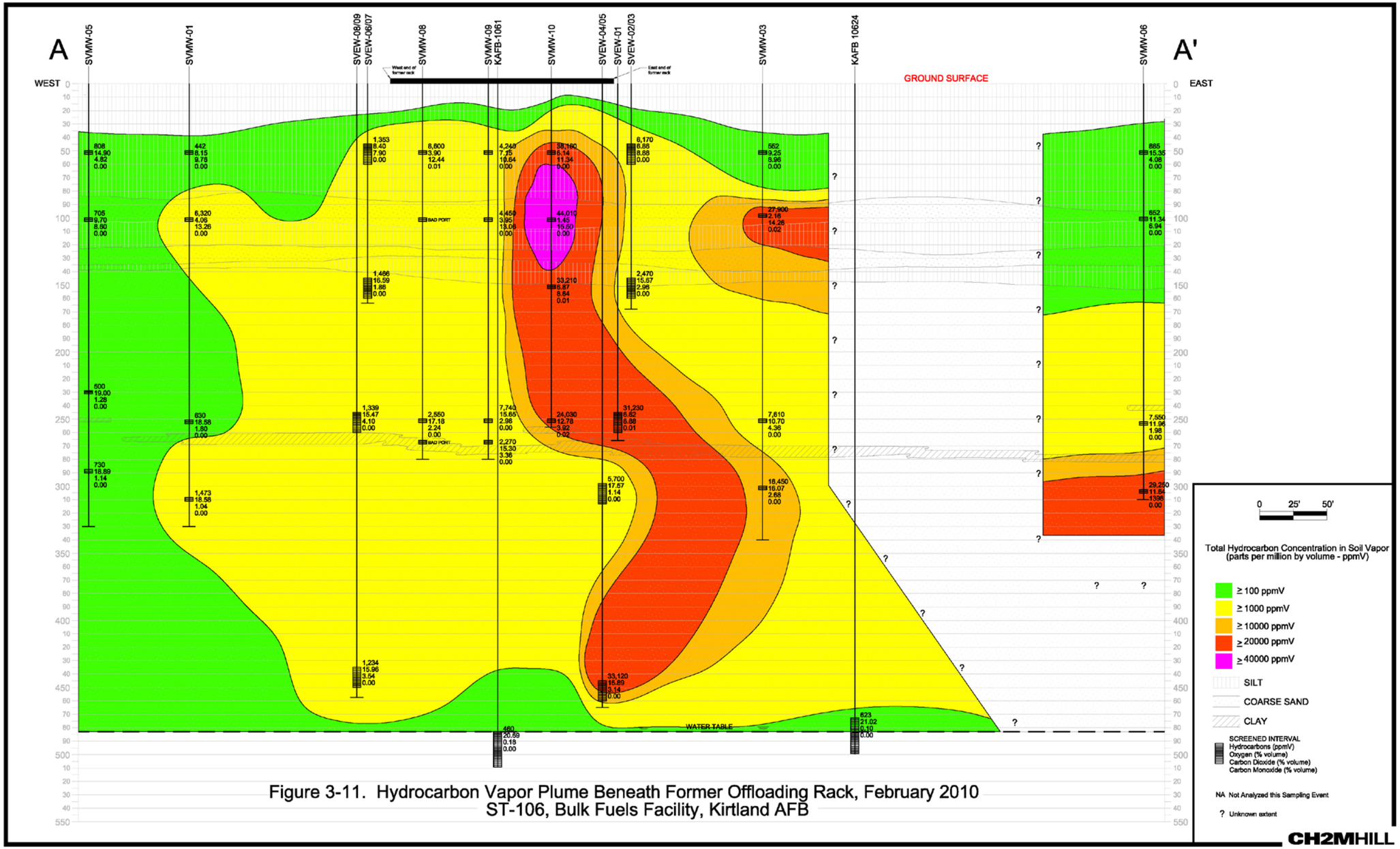

Figure 3-11. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, February 2010
ST-106, Bulk Fuels Facility, Kirtland AFB

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3.3.1 Soil Vapor Data

A bulleted series of observations based on the soil vapor for each monitored depth interval is provided below. All soil vapor data discussed are results for total hydrocarbon concentrations as measured using the Horiba meter, unless otherwise noted.

3.3.1.1 Surface to 150-feet bgs Interval

- The highest vapor concentrations in the shallow depth interval persist in the central to eastern area of the Former Fuel Offloading Rack (Figures 3-2 and 3-7). Soil vapor concentrations in excess of 1,000 ppmv are present in a larger area extending outward from the Former Fuel Offloading Rack, extending south and east.

- An area on the east side of the Bulk Fuels Facility, at SVMW-13, continues to have elevated vapor concentrations in this interval. However, the gross magnitudes of vapor concentrations in this area generally are now lower than those at the Former Fuel Offloading Rack. The elevated soil vapor concentrations at SVMW-13 at the 150-feet bgs interval continue to be separated from those at the Former Fuel Offloading Rack area by low vapor concentrations at the SVMW-06 location.

- The vapor data for the 150-feet bgs interval for this reporting period is similar to the second and third quarter of 2009 across the site. The gross vapor concentration in the highest concentration portions of the plume at this depth also remained similar to those from the prior reporting period.

3.3.1.2 250-feet bgs Interval

- At a depth of 250 feet bgs, the highest soil vapor concentrations remain localized around the east end of the Former Fuel Offloading Rack (Figure 3-3 and 3-8). The highest concentrations are present in SVMW-11.

- Soil vapor concentrations in excess of 1,000 ppmv persist in a larger area extending outward from the Former Fuel Offloading Rack, extending slightly south and further in the eastern direction.

- The vapor data for the 250-feet bgs interval for this reporting period is very similar to the second and third quarter of 2009 across the site. The gross vapor concentration in the highest concentration portions of the plume at this depth also remained similar to those from the prior reporting period.

3.3.1.3 350-feet bgs Interval

- At a depth of 350 feet 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, shape, and magnitude of the isopleths at this depth during the reporting period remained consistent with that observed during the previous reporting period.

- Within the cross-sections presented in Figures 3-6 and 3-11the effects of the transient nature of the soil vapor plume at these depths can be seen in the differences from the fourth quarter 2009 and the first quarter 2010 data. Higher and lower concentrations from quarter to quarter may be the result of variations in the dynamic subsurface vapor regime as the competing SVE systems across the site induce flow towards the extraction points. The addition of groundwater monitoring well KAFB-10624 also provides an additional data point at the water table interface to better allow vapor isopleths extrapolation in that direction.

3.3.1.4 450-feet bgs Interval and Water Table Interface

Vapor data from the 450-feet bgs and water table interface intervals are jointly considered and contoured. These data are presented in plan view in Figures 3-5 and 3-10, as well as in cross-sectional view in Figures 3-6 and 3-11. The following discussions consider the vapor data from roughly the 400-feet bgs interval to the water table interface. All vapor concentration data are summarized in Table 3-2.

- The elevated soil vapor concentrations at the 450-feet bgs interval in the area under the Former Fuel Offloading Rack (Figures 3-5, 3-6, 3-10, and 3-11) persist as observed in previous reporting periods. Elevated vapor concentrations continued to be observed at distal well location SVEW-15 to the southeast. The presence of PSH on the water table in this area likely influences the 450-feet bgs interval and accounts for the elevated vapor concentrations that have historically been observed on the eastern side of the site.

- Groundwater monitoring well KAFB-10616 continues to show elevated vapor concentrations as does the SVMW-14 area to the southwest. In this reporting period, there was a continued increase in concentrations in this area relative to the previous reporting period.

- As in the prior reporting periods, a significantly larger plume of elevated vapor concentrations at the water table interface was detected based on the groundwater monitoring wells data points 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. As was discussed for the 350-ft interval, the cross-sections presented in Figures 3-6 and 3-11 show the effects of the transient nature of the soil vapor plume at these depths f. Higher and lower concentrations from quarter to quarter may be the result of variations in the dynamic subsurface vapor regime as the competing SVE systems across the site induce flow towards the extraction points. The addition of groundwater monitoring well KAFB-10624 also provides an additional data point at the water table interface to better allow vapor isopleths extrapolation in that direction.

3.3.2 Soil Vapor Summary

3.3.2.1 Magnitude, Extent, and Nature of Soil Vapor Plume

During the reporting period, high soil-vapor concentrations continued to persist near 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 and the core area associated with the vadose zone contamination identified as site ST-106. While some of the highest observed TPH vapor concentrations remain in the Former Fuel Offloading Rack area, the data continue to indicate a slow, yet consistent, decrease in petroleum hydrocarbon concentrations relative to conditions when the ST-106 Stage 2 Abatement remediation actions began. Continued quarterly collection and

evaluation of soil vapor data will provide further information on this trend and the ongoing remediation of the ST-106 vadose zone impacts at the Former Fuel Offloading Rack area.

As previously observed, elevated soil-vapor concentrations persist in some areas of the site away from the Former Fuel Offloading Rack. The presence of the SS-111 PSH on the groundwater table coupled with residual fuel product within the vadose zone are most likely the source of the persistent, elevated vapor concentrations that have 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 to the PSH on the water table and residual fuel that remains in the vadose zone on the eastern side of the site.

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 ST-106 SVE system and the KAFB-1065, KAFB-1066, and KAFB-1068 SVE system influent streams (Tables 2-4 and 2-10) indicate that the highest concentration compounds of concern in the vapor phase at these locations continue to be petroleum hydrocarbons and fuel-related VOCs. This is to be expected based on the fuel release history at the site. At the Former Fuel Offloading Rack, the volatile compounds acetone and MEK also continue to be detected in the SVE system influent at significant concentrations. The presence of these compounds is recognized to be 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.

3.4 Groundwater Monitoring

The groundwater investigation and monitoring program includes groundwater elevation monitoring and groundwater sampling on a quarterly basis from associated site monitoring wells and nearby production wells. The entire set of groundwater monitoring wells associated with the Bulk Fuels Facility investigation and actively sampled during this reporting period included the following:

- During the fourth quarter of 2009, sampling included groundwater monitoring wells KAFB-1061 through KAFB-10624 and KAFB-3411; three Kirtland AFB drinking water production wells (KAFB-3, KAFB-15, and KAFB-16); the VA Medical Center drinking water production well (VA-2); and a private residential irrigation well.

- During the first quarter of 2010, wells sampled included groundwater monitoring wells KAFB-1061 through KAFB-10625 (KAFB-10625 is a new well that was installed during December of 2009) and KAFB-3411; three Kirtland AFB drinking water production wells (KAFB-3, KAFB-15, and KAFB-16); the VA Medical Center drinking water production well (VA-2); and a private residential irrigation well.

- In addition to the standard groundwater samples collected during the first quarter of 2010, passive diffusion bag (PDB) samplers were installed in wells KAFB-10613, KAFB-10617, KAFB-10618, KAFB-10619, KAFB-10620, KAFB-10621, KAFB-10622, KAFB-10623, and KAFB-10625. Additionally, low flow discrete depth samples were also collected at wells KAFB-10613 and KAFB-10617 to compare with the PDB samples collected at those wells. The PDB and low flow samples were collected to begin developing a set of comparative data that provide resolution of the vertical profile of contaminants in the well screen.

Well KAFB-3411 was installed for investigation of another site but provides a monitoring location upgradient of the Former Fuel Offloading Rack at the Bulk Fuels Facility.

Well KAFB-10625 was the well installed in December 2009 and therefore was only sampled as part of the first quarter 2010 sampling event. The data from the private irrigation well are not presented in this report for privacy purposes but are made available to the property owners and are available for regulatory review in the project files.

Also, in addition to the sampling that is being conducted by Kirtland AFB as part of the ongoing site investigation, it should be noted that the Albuquerque Bernalillo County Water Utility Authority (ABCWUA) is independently conducting sampling of the ABCWUA's water production wells in the distal downgradient Ridgecrest and Burton wellfields. The Air Force is providing funding to the ABCWUA to finance this additional sampling although all sampling activities and data evaluation is being conducted by the ABCWUA. To date the ABCWUA has not made Kirtland AFB aware of any positive detections of fuel-related compounds in the production well sampling.

During sampling, the groundwater elevation and, if present, PSH thickness in all groundwater monitoring wells is measured. Groundwater elevation monitoring for the fourth quarter of 2009 was conducted on October 7, 2009 and groundwater sample collection was conducted on October 8 through October 19, 2009. Groundwater elevation monitoring for the first quarter of 2010 was conducted on January 11, 2010 and groundwater sample collection was conducted on January 11 through January 28, 2010. The static water level elevations in those wells that contain PSH were corrected to account for the PSH on the water table. Survey data for all wells is included in Attachment 1 of Appendix E along with the survey data for the new well installed during this reporting period, KAFB-10625.

Measured groundwater elevations are presented in Table 3-2. The interpreted groundwater flow directions beneath the Bulk Fuels Facility site in October 2009 and January 2010 are presented in Figures 3-12 and 3-13. The location of the new well KAFB-10625 is shown on Figure 3-12 for reference although the well had not actually been installed during the October 2009 sampling event. On Figure 3-12 that well location is designated with an "NA". Additionally, water level data from one well during October 2009 and two wells during January 2010 are not available because an accurate measurement was not able to be obtained due to obstructions in the wells (dedicated pump and PDB deployment tether). These locations are identified with an "NV" designation within Table 3-2 and on Figures 3-12 and 3-13.

The groundwater elevations from the fourth quarter of 2009 and the first quarter of 2010 are consistent with those previously observed at the site. The site groundwater elevations and the contours indicate that the overall groundwater flow direction across the main portion of the site is to the north-northeast as has been observed previously. In the northeast portion of the site, the local groundwater gradient shifts to a slightly more northeastern flow direction. The physical distribution of the available water level data points for the October 2009 sampling event gives the impression of groundwater flow direction being skewed even more so to the northeast. The gradient is actually to the north-northeast, similar to prior and the subsequent quarter, but the limited ability to extrapolate the western portions of the northernmost contour intervals gives the visual impression of a stronger northeasterly flow direction. During the first quarter of 2010, with the addition of the KAFB-10625 data point, the northernmost contours were able to be interpolated further to the west to better balance the visual impression of the data. The groundwater gradient in the distal portions of the plume in the downgradient direction will continue to be evaluated in future reporting quarters and as additional monitoring points north of the main site are installed. The groundwater flow gradient is calculated to be roughly 0.001 to 0.002 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 vary in individual wells over time, and from well to well. Generally, the PSH-containing wells located just north and south of Randolph Avenue tend to have thicknesses of 1.5 to 3 feet. The SVE and treatment systems operating at wells KAFB-1065, KAFB-1066 and KAFB-1068 result in increased PSH thicknesses at those wells during active extraction and are lower when the systems are not operational. Well KAFB-1066 to the south and well KAFB-10610 to the north have thicknesses of less than 1 foot to 1.5 feet, although accurate measurements at KAFB-10610 have not been possible due to an emulsified fuel layer that formed in the well during well development. The emulsified mixture does not produce a PSH detection with the oil-water interface probe, although physical recovery of material from the well confirms the continued presence of PSH. The estimated location of PSH on the groundwater table and measured thicknesses, as observed during the reporting period, is shown in Figure 3-1.

With the installation of the additional groundwater monitoring wells in 2009, the full extent of PSH is delineated in all directions including the most northern edge. At the well KAFB-10618 location, no measurable PSH has been detected since a sheen of fuel was observed after initial well completion. No PSH was detected in any of the new wells installed north of KAFB-10618 in 2009 including KAFB-10625.

Groundwater samples were collected during this reporting period for laboratory analysis on a quarterly basis from non PSH-containing groundwater monitoring wells. Additionally, post-development samples were collected from well KAFB-10625 immediately following development. Regularly sampled monitoring wells that are on base (KAFB-1061 through KAFB-1063, KAFB-1067, 10611, 10612, 10615, and 10616) as well as KAFB-1064 off base contain dedicated Bennett pumps, which allows for sampling through the pump since the groundwater is isolated from the pump internal mechanisms. The other groundwater monitoring wells have not had dedicated pumps installed. 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). For the low flow purge samples at 10617 at the 493 and 498 ft bgs depths the Bennett pump from well 10616 was lowered to the desired depth and used to collect the sample. The sampling was conducted in the same way as in the other wells but the purge rate for these samples was at a rate of approximately 0.3 to 0.5 (gpm). Other low flow samples collected at KAFB-10613 and 10617 were collected using a submersible pump at a rate of approximately 0.3 to 0.5 gpm.

Quarterly groundwater samples for laboratory analysis are also collected from the Kirtland AFB production wells (KAFB-03, KAFB-15, KAFB-16) and the VA Medical Center production well (VA-2). 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, for the following analytes:

- Ethylene dibromide (EDB; also known as 1,2-dibromethane) 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

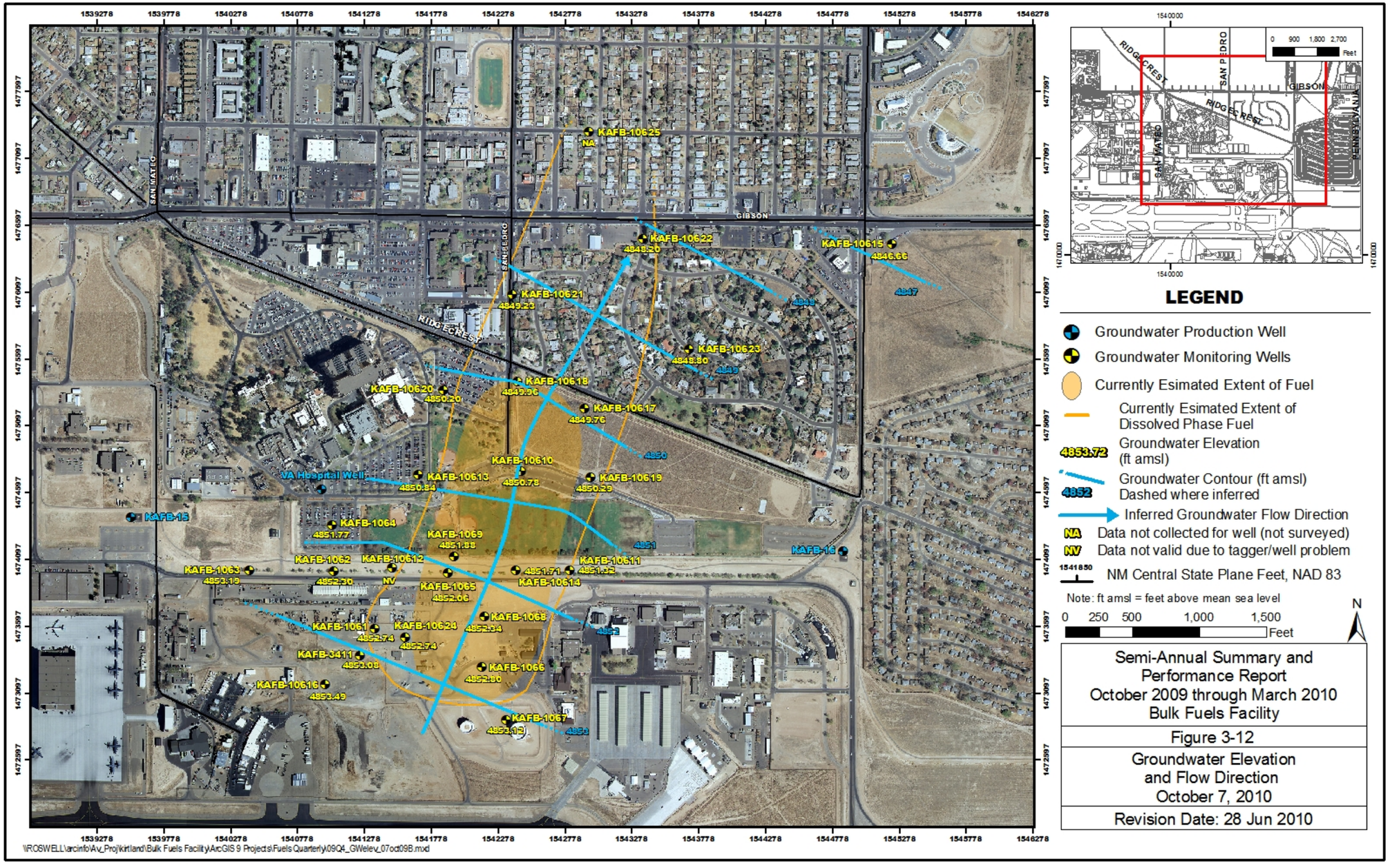
Groundwater samples were collected during January 2010 from the PDBs installed in wells KAFB-10613, 10617 through 10623 and 10625. These PDBs were installed at the depth intervals shown in Table 3-3. The PDBs were allowed to equilibrate for three or more weeks before the sampling was conducted.

Groundwater samples from the PDBs were analyzed by PEL Laboratories of Tampa, Florida, for the following analytes:

- Ethylene dibromide (EDB; also known as 1,2-dibromethane) by Method 504.1
- VOCs by Method 8260B

Trip blanks accompanied the VOC sample bottles and were analyzed for VOCs and TPH-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 reporting 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 3-4. Laboratory analytical data and field parameter data for PDB and low flow groundwater samples collected during the reporting period are summarized in Table 3-5. The complete laboratory analytical data packages for groundwater samples collected during the reporting period are provided in Appendix B. After groundwater sampling, purge water from monitoring wells was contained in polyethylene storage tanks at the site. Upon receipt of analytical data for the collected purge water, the purge water is then discharged to the ground surface as stipulated in the standing protocol orated as standard operating procedure at the site. The purge water disposal paperwork is included in Appendix D.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KAFB-10615
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KAFB-10621
4849.23
KAFB-10623
4848.80
KAFB-10618
4849.96
KAFB-10620
4850.20
KAFB-10617
4849.76
KAFB-10610
4850.78
VA Hospital Well
KAFB-10613
4850.84
KAFB-10619
4850.29
KAFB-15
KAFB-1064
4851.77
KAFB-1069
4851.88
KAFB-1062
KAFB-10612
KAFB-10611
KAFB-1063
4853.19
4852.30
NV
KAFB-1065
4852.06
4851.71
4851.32
KAFB-10614
KAFB-16
KAFB-1068
4852.24
KAFB-1061
4852.74
KAFB-10624
4852.74
KAFB-3411
4853.08
KAFB-1066
4852.80
KAFB-10616
4853.49
KAFB-1067
4853.12
SAN MATEO
SAN PEDRO
GIBSON
RIDGECREST
PENNSYLVANIA
LEGEND
Groundwater Production Well
Groundwater Monitoring Wells
Currently Esimated Extent of Fuel
Currently Esimated Extent of Dissolved Phase Fuel
4853.72 Groundwater Elevation (ft amsl)
4852 Groundwater Contour (ft amsl) Dashed where inferred
Inferred Groundwater Flow Direction
NA Data not collected for well (not surveyed)
NV Data not valid due to tagger/well problem
1541850 NM Central State Plane Feet, NAD 83
Note: ft amsl = feet above mean sea level
0 250 500 1,000 1,500 Feet
N
Semi-Annual Summary and Performance Report
October 2009 through March 2010
Bulk Fuels Facility
Figure 3-12
Groundwater Elevation and Flow Direction
October 7, 2010
Revision Date: 28 Jun 2010
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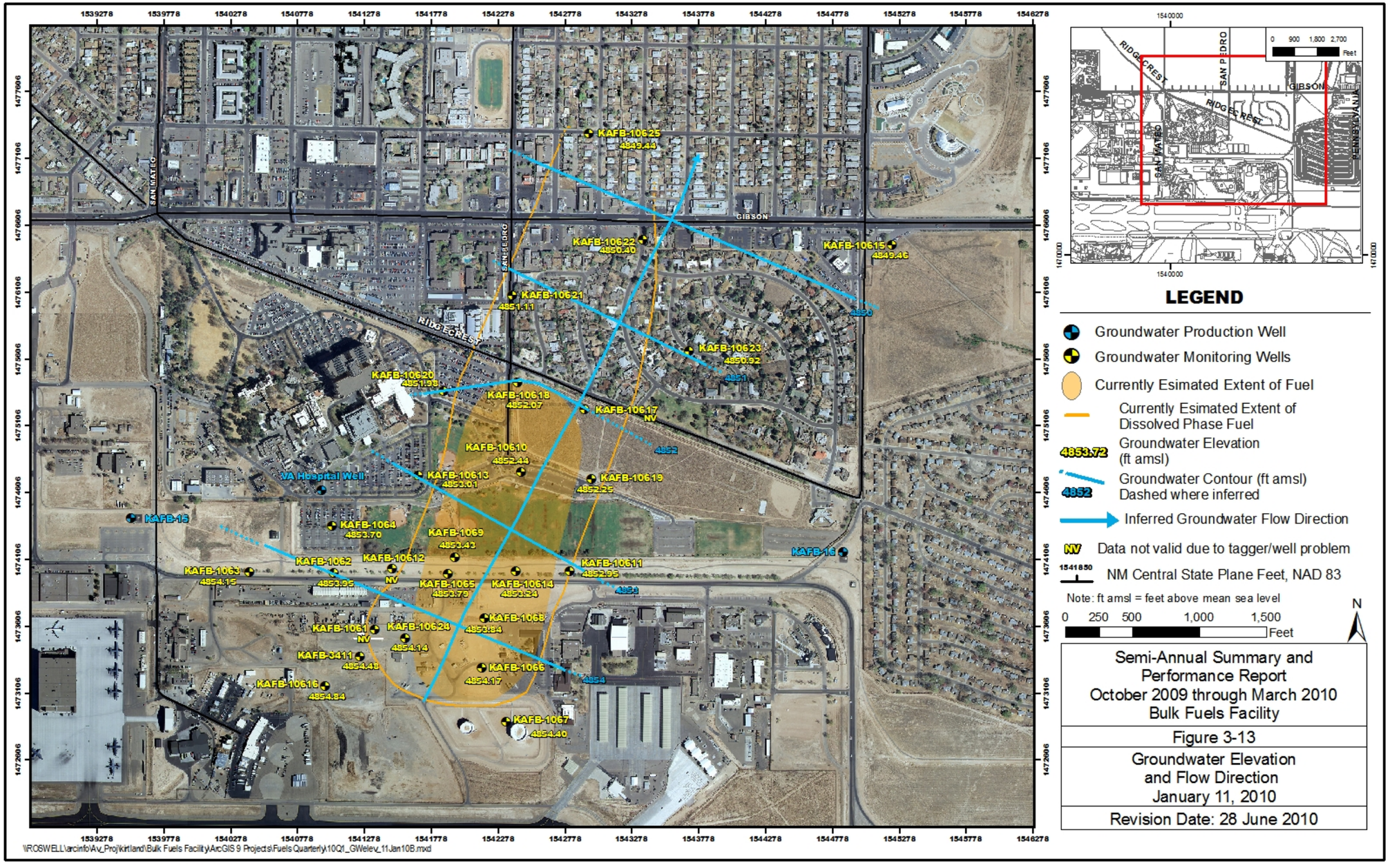
KAFB-10625
4849.44
KAFB-10622
4850.40
KAFB-10615
4849.46
KAFB-10621
4851.11
KAFB-10623
4850.92
KAFB-10620
4851.98
KAFB-10618
4852.07
KAFB-10617
NV
KAFB-10610
4852.44
KAFB-10613
4853.01
KAFB-10619
4852.25
VA Hospital Well
KAFB-15
KAFB-1064
4853.70
KAFB-1069
4853.43
KAFB-16
KAFB-1062
4853.95
KAFB-10612
NV
KAFB-10611
4852.95
KAFB-1063
4854.15
KAFB-1065
4853.79
KAFB-10614
4853.34
KAFB-1068
4853.84
KAFB-1061
NV
KAFB-10624
4854.14
KAFB-3411
4854.48
KAFB-1066
4854.17
KAFB-10616
4854.84
KAFB-1067
4854.40
GIBSON
SAN MATEO
SAN PEDRO
RIDGECREST
LEGEND
Groundwater Production Well
Groundwater Monitoring Wells
Currently Esimated Extent of Fuel
Currently Esimated Extent of Dissolved Phase Fuel
4853.72 Groundwater Elevation (ft amsl)
4852 Groundwater Contour (ft amsl) Dashed where inferred
Inferred Groundwater Flow Direction
NV Data not valid due to tagger/well problem
1541850 NM Central State Plane Feet, NAD 83
Note: ft amsl = feet above mean sea level
0 250 500 1,000 1,500 Feet
N
Semi-Annual Summary and Performance Report October 2009 through March 2010 Bulk Fuels Facility
Figure 3-13
Groundwater Elevation and Flow Direction January 11, 2010
Revision Date: 28 June 2010
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Table 3-2. Monitoring Well Construction Details and Groundwater Elevations, Bulk Fuels Facility (Continued, Page 1 of 4)

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 [b] (feet msl)	PSH Thickness (feet)
KAFB-1061	Along north fenceline in NW portion of facility. South of Contractor's storage yards.	7/7/2008	508.5	483-508	5344.19	489.81	4854.38	N/A
		10/27/2008				491.07	4853.12	
		1/20/2009				490.40	4853.79	
		4/27/2009			5344.41	490.40	4854.01	
		7/20/2009				491.08	4853.33	
		10/7/2009				491.67	4852.74	
		1/11/2010				NV	NV	
KAFB-1062	North side of Randolph Ave. North of DRMO office.	7/7/2008	505	479-504	5341.82	487.78	4854.04	N/A
		10/27/2008				488.94	4852.88	
		1/19/2009				488.16	4853.66	
		4/27/2009			5342.00	487.93	4854.07	
		7/20/2009				489.06	4852.94	
		10/7/2009				489.70	4852.30	
		1/11/2010				488.05	4853.95	
KAFB-1063	North side of Randolph Ave. North of DRMO's western yard.	7/7/2008	503	476-501	5339.55	484.94	4854.61	N/A
		10/27/2008				486.15	4853.40	
		1/19/2009				485.50	4854.05	
		4/27/2009			5339.71	485.28	4854.43	
		7/20/2009				487.27	4852.44	
		10/7/2009				486.52	4853.19	
		1/11/2010				485.56	4854.15	
KAFB-1064	Parking lot south of VA Hospital	7/7/2008	510	484-509	5345.47	493.09	4852.38	N/A
		10/27/2008				493.09	4852.38	
		1/19/2009				492.36	4853.11	
		4/27/2009			5345.68	492.06	4853.62	
		7/20/2009				493.21	4852.47	
		10/7/2009				493.91	4851.77	
		1/11/2010				491.98	4853.70	
KAFB-1065	North of Fuels Dr. and Randolph Ave. intersection	7/20/2009	507	479-506	5346.59	497.35	4851.56	3.01
		10/7/2009				498.59	4850.68	3.48
		1/11/2010				494.37	4852.41	0.25
KAFB-1066	1951 Offloading Rack	7/7/2008	511	483.5-508.5	5351.38	497.00	4854.60	0.28
		10/27/2008				498.92	4853.09	0.82
		1/19/2009			5353.14	498.14	4855.56	0.73
		7/20/2009				500.80	4853.47	1.47
		10/7/2009				501.77	4852.80	1.86
		1/11/2010				499.12	4854.17	0.20

Table 3-2. Monitoring Well Construction Details and Groundwater Elevations, through First Quarter 2010, Bulk Fuels Facility (Continued, Page 2 of 4)

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 [b] (feet msl)	PSH Thickness (feet)
KAFB-1067	Inside Tank Berm	7/7/2008	511	484-509	5349.41	494.31	4855.10	N/A
		10/27/2008				495.84	4853.57	
		1/20/2009				495.13	4854.28	
		4/27/2009			5349.54	494.72	4854.82	
		7/20/2009				495.70	4853.84	
		10/7/2009				496.42	4853.12	
		1/11/2010				495.14	4854.40	
KAFB-1068	South of 90-Day Storage	7/7/2008	513.5	486-511	5351.67	498.92	4854.19	1.87
		10/27/2008				500.31	4852.63	1.65
		1/19/2009				499.18	4853.46	1.26
		4/27/2009			5353.45	500.17	4854.10	1.07
		7/20/2009				502.39	4853.15	2.71
		10/7/2009				502.77	4852.34	2.16
		1/11/2010				501.44	4853.84	2.38
KAFB-1069	Base Fence Line	7/7/2008	507.5	480-505	5344.34	492.08	4853.63	1.78
		10/27/2008				493.64	4852.18	1.92
		1/19/2009				492.41	4853.02	1.42
		4/27/2009				491.72	4853.65	1.34
		7/20/2009				493.12	4852.58	1.77
		10/7/2009				493.72	4851.88	1.63
		1/11/2010				491.75	4853.43	1.09
KAFB-10610	Bullhead Park	7/7/2008	510.5	483-508	5343.20	491.03	4852.86	0.89
		10/27/2008				492.93	4850.96	0.89
		1/19/2009				--	--	--
		7/20/2009				491.41	4851.79	N/A
		10/7/2009				492.53	4850.78	0.14
		1/11/2010				490.80	4852.44	0.05
KAFB-10611		10/27/2008	516	511-486	5350.03	501.17	4848.86	N/A
		1/19/2009				500.24	4849.79	
		4/27/2009			5353.03	499.65	4853.38	
		7/20/2009				500.72	4852.31	
		10/7/2009			5353.01	501.69	4851.32	
		1/11/2010				500.06	4852.95	
KAFB-10612		10/27/2008	510.5	505.5-480.5	5342.27	493.31	4848.96	N/A
		1/19/2009				492.40	4849.87	
		4/27/2009			5345.27	492.08	4853.19	
		7/20/2009				493.12	4852.15	
		10/7/2009			5345.31	NV	NV	
		1/11/2010				NV	NV	

Table 3-2. Monitoring Well Construction Details and Groundwater Elevations, through First Quarter 2010, Bulk Fuels Facility (Continued, Page 3 of 4)

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 [b] (feet msl)	PSH Thickness (feet)
KAFB-10613			516.5	511.5-486.5	5350.45			N/A
		10/27/2008				498.80	4851.65	
		1/19/2009				498.97	4851.48	
		4/27/2009			5350.45	497.69	4852.76	
		7/20/2009				498.81	4851.64	
		10/7/2009				499.61	4850.84	
		1/11/2010				497.44	4853.01	
KAFB-10616			505	500-475	5342.30			N/A
		10/27/2008				490.37	4851.93	
		1/19/2009				487.29	4855.01	
		4/27/2009				487.12	4855.18	
		7/20/2009				488.03	4854.27	
		10/7/2009			5342.34	488.85	4853.49	
		1/11/2010				487.50	4854.84	
KAFB-10617			512	507-482	5342.51			N/A
		1/19/2009				491.32	4851.19	
		4/27/2009				490.75	4851.76	
		7/20/2009				491.77	4850.74	
		10/7/2009				492.75	4849.76	
		1/11/2010				NV	NV	
KAFB-10618			506	501-476	5335.97			N/A
		1/19/2009				484.59	4851.38	
		4/27/2009				484.04	4851.93	
		7/20/2009				484.99	4850.98	
		10/7/2009				486.01	4849.96	
		1/11/2010				483.90	4852.07	
KAFB-10619			523	518-493	5354.67			N/A
		1/19/2009				502.96	4851.71	
		4/27/2009				502.33	4852.34	
		7/20/2009				503.44	4851.23	
		10/7/2009				504.38	4850.29	
		1/11/2010				502.42	4852.25	
KAFB-10620			512	507-482	5340.75			N/A
		1/19/2009				489.54	4851.21	
		4/27/2009				488.62	4852.13	
		7/20/2009				489.63	4851.12	
		10/7/2009				490.55	4850.20	
		1/11/2010				488.77	4851.98	
KAFB-10621			488	458-483	5314.31			N/A
		7/20/2009				464.01	4850.30	
		10/7/2009				465.08	4849.23	
		1/11/2010				463.20	4851.11	
KAFB-10622			492	462-487	5318.02			N/A
		7/20/2009				468.57	4849.45	
		10/7/2009				469.82	4848.20	
		1/11/2010				467.62	4850.40	
KAFB-10623			503	473-498	5328.43			N/A
		7/20/2009				478.53	4849.90	
		10/7/2009				479.63	4848.80	
		1/11/2010				477.51	4850.92	

Table 3-2. Monitoring Well Construction Details and Groundwater Elevations, through First Quarter 2010, Bulk Fuels Facility (Concluded, Page 4 of 4)

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 [b] (feet msl)	PSH Thickness (feet)
KAFB-10624			511	481-506	5343.35			N/A
		10/7/2009				490.61	4852.74	
		1/11/2010				489.21	4854.14	
KAFB-10625			495	465-490	5317.05			
		1/11/2010				467.61	4849.44	
KAFB-3411	South of southern fenceline around western portion of the facility.							N/A
		7/7/2008	503	477-502	5343.29	488.46	4854.83	
		10/27/2008				489.81	4853.48	
		1/19/2009				489.01	4854.28	
		4/27/2009			5343.49	488.78	4854.71	
		7/20/2009				489.69	4853.80	
		10/7/2009				490.41	4853.08	
		1/11/2010				489.01	4854.48	

a. Various monitoring well elevations have been surveyed during May 2008, April 2009, November 2009, and May 2010. Wellhead modifications have been made to some wells over the course of the investigation which is why some locations have been surveyed more than once. Accordingly these locations have different top of casing elevations during different time periods.

b. For those wells that contain PSH, the groundwater elevation is 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)).

Note: In some cases, over time, water level measurements have not been able to be collected from individual locations due to operation of SVE systems or because other sampling devices were installed in the well at that time.

feet bgs = feet below ground surface. feet msl = feet above mean sea level. N/A = not applicable
NV = data not valid due to tagger/well problem PSH = phase separated hydrocarbons TIC = Top of inner casing.

Table 3-3. Passive Diffusion Bag (PDB) Deployment, Bulk Fuels Facility

Well Number	Total Well Depth (feet btoc)	Well Diameter (inches)	Screen Interval (feet btoc)	Number of PDBs Installed	Midpoint Depth of PDB (feet btoc)
KAFB-10613	519.5	4	489.5 - 514.5	3	500.5 505.5 513.5
KAFB-10617	515	4	485 - 510	3	493 498 509
KAFB-10618	509	4	479 - 504	3	486 491 501
KAFB-10619	526	4	496 - 521	3	504.5 509.5 518
KAFB-10620	515	4	485 - 510	3	491 496 507
KAFB-10621	488	4	458 - 483	3	466.5 471.5 482
KAFB-10622	492	4	462 - 487	3	471.5 476.5 486
KAFB-10623	503	4	473 - 498	3	481 486 497
KAFB-10625	495	4	465-490	3	473 478 486

feet btoc = feet below top of casing.
PDB = passive diffusion bag

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Table 3-4. 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		Well KAFB-10617		
				10/12/09	01/13/10	10/12/09	01/12/10	10/19/09	01/13/10	10/12/09	01/13/10	01/13/10	10/09/09	01/11/10	10/09/09	01/11/10	10/09/09	01/12/10	10/15/09	10/15/09	01/26/10	10/09/09	01/12/10	10/09/09	01/12/10	10/16/09	01/27/10	01/27/10
				Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q110Dup	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q409Dup	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q110Dup
TPH (mg/L) Method 8015B	DRO	NA	NA	0.26 U	0.25 U	0.25 U	0.26 U	0.27 U	0.25 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.25 U	0.26 U	0.23 U	0.25 U	0.26 U	0.061 J	0.25 U	0.25 U	0.26 U	0.25 U	0.26 U	0.120 J	0.098 J
	MRO	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	GRO	NA	NA	0.064 U	0.064 U	0.068	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.027 J	0.064 U	0.110 J	0.064 U	0.0098 J	0.064 U	0.1	0.097	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.063 J	0.039 J	0.059 J
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	1,1,1,2-Tetrachloroethane	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,1-Trichloroethane	NA	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 U	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	NA	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 U	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	NA	5.0	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 U	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	NA	25 *	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 J	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 U	1 U
	1,1-Dichloroethene	NA	5.0 *	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 U	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	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 U	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	NA	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 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 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
	1,2,3-Trichloropropane	NA	NA	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	1.5 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	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
	1,2,4-Trichlorobenzene	NA	70	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 U	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	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.69 J	1.3	0.23 J
	1,2-Dibromo-3-chloropropane	NA	0.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	1,2-Dibromoethane (EDB) [d]	NA	0.05	0.033	**0.087**	0.02 U	0.02 U	0.0198 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.018 J	0.016 J	0.02 U	0.02 U	0.0198 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	**2.2 J**	**1.3**	**1.2**
	1,2-Dichlorobenzene	NA	600	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 U	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 (EDC)	NA	5.0	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 U	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	5.0	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 U	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	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.68 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 J	1 U
	1,3-Dichlorobenzene	NA	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 U	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	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 U	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	75	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 U	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-Methylnaphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.94 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.8	1 U	1 U	1 U	1.1 U	1 U	0.057 J	1 U	0.059 J
	2,2-Dichloropropane	NA	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	5 U	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	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	6 U	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	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 U	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	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	5 U	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	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 U	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	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 U	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	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	5 U	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	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	10 U	10 U
	Benzene	NA	5.0	0.38 J	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 U	1 U	1 U	1 U	0.41 J	1 U	1 U	1 U	1 U	1 U	0.33 J	0.31 J
	Bromobenzene	NA	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 U	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	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 U	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	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 U	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	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 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	0.81 J	1 U	1 U	1 U	1 U
	Bromomethane	NA	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	2 U	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	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	2 U	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	NA	5.0	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 U	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	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	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 U
	Chloroethane	NA	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	2 U	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	NA	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	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 U
	Chloromethane	NA	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	2 U	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	70	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 U	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	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 U	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	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 U	1 U	1 U	1 U	1 U	1 U	0.38 J	1 U	0.46 J	1 U	1 U	1 U	1 U
	Dibromomethane	NA	NA	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	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	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
	Dichlorodifluoromethane	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1.6 J	2 U	0.52 J	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	NA	700	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 U	1 U	1 U	1 U	1 U	0.32 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3-4. 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		Well KAFB-10617		
				10/12/09	01/13/10	10/12/09	01/12/10	10/19/09	01/13/10	10/12/09	01/13/10	01/13/10	10/09/09	01/11/10	10/09/09	01/11/10	10/09/09	01/12/10	10/15/09	10/15/09	01/26/10	10/09/09	01/12/10	10/09/09	01/12/10	10/16/09	01/27/10	01/27/10
				Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q110Dup	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q409Dup	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q110Dup
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	Isopropylbenzene	NA	NA	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.92 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.6 J	1.2	1.1
	Methyl tert-butyl ether (MTBE)	NA	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	5 U	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	NA	5.0	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Naphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.05 J	1 U	1 U	1 U	0.28 J	1.1	1 U	1 U	1 U	1.1 U	1 U	0.17 J	0.099 J	1 U
	n-Butylbenzene	NA	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 U	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	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.33 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.15 J
	sec-Butylbenzene	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.28 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.16 J	0.14 J
	Styrene	NA	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	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 U
	tert-Butylbenzene	NA	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 U	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	NA	5.0	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.26 J	0.3 J
	Toluene	NA	750 *	0.74 J	0.29 J	1 U	1 U	0.29 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.23 J	1 U	28.4	28.7	1.2	1 U	1 U	1 U	1 U	16	0.66 J	0.59 J
	trans-1,2-DCE	NA	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	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 U
	trans-1,3-Dichloropropene	NA	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 U	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	NA	5.0	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.23 J	1 U	1 U	0.31 J	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 U	1 U
	Trichlorofluoromethane	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.41 J	2 U	2 U	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	NA	1.0 *	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 U	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, m-, p- (sum of isomers)	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.4	2 U	2 U	2 U	2 U	2 U	0.59 J	2 U	2 U	2 U	2 U	2.5	5.6	4.1
	Xylenes, o- (1,2-Dimethylbenzene)	NA	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 U	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	NA	620 *	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	2.4 J	3 U	3 U	3 U	3 U	3 U	0.59 J	3 U	3 U	3 U	3 U	2.5 J	5.7	4.2
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	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 U	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-Dichlorobenzene	NA	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 U	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-Dichlorobenzene	NA	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 U	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	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 U	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-Dinitrobenzene	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	1-Methylnaphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.94 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.8	1 U	1 U	1 U	1.1 U	1 U	0.057 J	1 U	0.059 J
	2,4,5-Trichlorophenol	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	2,4,6-Trichlorophenol	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	2,4-Dimethylphenol	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	2,4-Dinitrophenol	NA	NA	61.5 U	61.8 U	60.9 U	61.2 U	57.1 U	62.2 U	61.8 U	61.8 U	61.8 U	60.9 U	61.8 U	61.8 U	61.2 U	61.5 U	60 U	60.9 U	60.9 U	61.8 U	63.2 U	61.2 U	63.2 U	60 U	61.5 U	61.2 U	61.2 U
	2,4-Dinitrotoluene	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	2,6-Dinitrotoluene	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	2-Chloronaphthalene	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	2-Chlorophenol	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	2-Methylnaphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.94 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.98 J	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U
	2-Methylphenol	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	2-Nitroaniline	NA	NA	51.3 U	51.5 U	50.8 U	51 U	47.6 U	51.8 U	51.5 U	51.5 U	51.5 U	50.8 U	51.5 U	51.5 U	51 U	51.3 U	50 U	50.8 U	50.8 U	51.5 U	52.6 U	51 U	52.6 U	50 U	51.3 U	51 U	51 U
	2-Nitrophenol	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	3,3´-Dichlorobenzidine	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	3-Nitroaniline	NA	NA	51.3 U	51.5 U	50.8 U	51 U	47.6 U	51.8 U	51.5 U	51.5 U	51.5 U	50.8 U	51.5 U	51.5 U	51 U	51.3 U	50 U	50.8 U	50.8 U	51.5 U	52.6 U	51 U	52.6 U	50 U	51.3 U	51 U	51 U
	4,6-Dinitro-2-methylphenol	NA	NA	61.5 U	61.8 U	60.9 U	61.2 U	57.1 U	62.2 U	3.9 J	61.8 U	61.8 U	60.9 U	61.8 U	61.8 U	61.2 U	61.5 U	60 U	60.9 U	60.9 U	61.8 U	63.2 U	61.2 U	63.2 U	60 U	61.5 U	61.2 U	61.2 U
	4-Bromophenyl phenyl ether	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	4-Chloro-3-methylphenol	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	4-Chloroaniline	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	4-Chlorophenyl phenyl ether	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	4-Nitroaniline	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	4-Nitrophenol	NA	NA	51.3 U	51.5 U	50.8 U	51 U	47.6 U	51.8 U	51.5 U	51.5 U	51.5 U	50.8 U	51.5 U	51.5 U	51 U	51.3 U	50 U	50.8 U	50.8 U	51.5 U	52.6 U	51 U	52.6 U	50 U	51.3 U	51 U	51 U
	Benzidine	NA	NA	**R**	155 U	**R**	153 U	**R**	155 U	**R**	155 U	155 U	**R**	155 U	**R**	153 U	**R**	150 U	**R**	**R**	155 U	**R**	153 U	**R**	150 U	**R**	**R**	**R**
	Benzoic acid	NA	NA	61.5 U	63.2 U	60.9 U	62.5 U	57.1 U	60.9 U	61.8 U	**R**	**R**	60.9 U	61.8 U	61.8 U	61.2 U	61.5 U	61.2 U	60.9 U	60.9 U	61.8 U	63.2 U	61.2 U	63.2 U	56.1 U	**R**	61.2 U	61.2 U
	Bis(2-chloroethoxy)methane	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	Bis(2-chloroethyl)ether	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U

Table 3-4. 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		Well KAFB-10617		
				10/12/09	01/13/10	10/12/09	01/12/10	10/19/09	01/13/10	10/12/09	01/13/10	01/13/10	10/09/09	01/11/10	10/09/09	01/11/10	10/09/09	01/12/10	10/15/09	10/15/09	01/26/10	10/09/09	01/12/10	10/09/09	01/12/10	10/16/09	01/27/10	01/27/10
				Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q110Dup	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q409Dup	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q110Dup
SVOCs (ug/L) Method 8270	Bis(2-ethylhexyl)phthalate	NA	NA	10.2 U	**54.7 J**	10.2 U	10.2 U	9.5 U	**15.2 J**	10.3 U	**9.2 J**	**8.4 J**	10.2 U	10.3 U	**6.4 J**	**11.5 J**	10.2 U	**7.3 J**	10.2 U	**12.3 J**	10.3 U	10.5 U	5 J	10.5 U	**7.6 J**	10.2 U	10.2 U	10.2 U
	Butyl benzyl phthalate	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	Dibenzofuran	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	Diethyl phthalate	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	Dimethyl phthalate	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	Di-n-butyl phthalate	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	Di-n-octyl phthalate	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	12.4 J	20.5 U	20 U	20.3 U	20.3 U	3.9 J	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	Hexachlorobenzene	NA	1.0	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	Hexachlorocyclopentadiene	NA	50	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	Hexachloroethane	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	Hexachlorobutadiene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Naphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.05 J	1 U	1 U	1 U	0.28 J	1.1	1 U	1 U	1 U	1.1 U	1 U	0.17 J	0.099 J	1 U
	Nitrobenzene	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	N-Nitrosodi-n-propylamine	NA	NA	20.5 U	20.6 U	20.3 U	20.4 U	19 U	20.7 U	20.6 U	20.6 U	20.6 U	20.3 U	20.6 U	20.6 U	20.4 U	20.5 U	20 U	20.3 U	20.3 U	20.6 U	21 U	20.4 U	21 U	20 U	20.5 U	20.4 U	20.4 U
	N-Nitrosodiphenylamine	NA	NA	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	10.2 U	10.2 U
	Pentachlorophenol	NA	1.0	61.5 U	61.8 U	60.9 U	61.2 U	57.1 U	62.2 U	61.8 U	61.8 U	61.8 U	60.9 U	61.8 U	61.8 U	61.2 U	61.5 U	60 U	60.9 U	60.9 U	61.8 U	63.2 U	61.2 U	63.2 U	60 U	61.5 U	61.2 U	61.2 U
	Phenol	NA	5.0 *	10.2 U	10.3 U	10.2 U	10.2 U	9.5 U	10.4 U	10.3 U	10.3 U	10.3 U	10.2 U	10.3 U	10.3 U	10.2 U	10.2 U	10 U	10.2 U	10.2 U	10.3 U	10.5 U	10.2 U	10.5 U	10 U	10.2 U	**R**	**R**
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.94 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.8	1 U	1 U	1 U	1.1 U	1 U	0.057 J	1 U	0.059 J
	2-Methylnaphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.94 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.98 J	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U
	Acenaphthene	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.94 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.21 J	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U
	Acenaphthylene	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.94 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 U	1 U	1 U	1 U	1 U
	Anthracene	NA	NA	0.31 U	0.31 U	0.31 U	0.3 U	0.32 U	0.31 U	0.31 U	0.31 U	0.28 U	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.3 U	0.31 U	0.092 J	0.3 U	0.3 U	0.31 U	0.34 U	0.31 U	0.3 U	0.31 U	0.31 U
	Benz(a)anthracene	NA	NA	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 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	0.21 U	0.22 U	0.2 U	0.2 U	0.2 U	0.21 U
	Benzo(a)pyrene	NA	0.2	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 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	0.21 U	0.22 U	0.2 U	0.2 U	0.2 U	0.21 U
	Benzo(b)fluoranthene	NA	NA	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 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	0.21 U	0.22 U	0.2 U	0.2 U	0.2 U	0.21 U
	Benzo(g,h,i)perylene	NA	NA	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 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	0.21 U	0.22 U	0.2 U	0.2 U	0.2 U	0.21 U
	Benzo(k)fluoranthene	NA	NA	0.15 U	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.17 U	0.15 U	0.15 U	0.15 U	0.15 U
	Chrysene	NA	NA	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 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	0.21 U	0.22 U	0.2 U	0.2 U	0.2 U	0.21 U
	Dibenz(a,h)anthracene	NA	NA	0.31 U	0.31 U	0.31 U	0.3 U	0.32 U	0.31 U	0.31 U	0.31 U	0.28 U	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.3 U	0.31 U	0.31 U	0.3 U	0.3 U	0.31 U	0.34 U	0.31 U	0.3 U	0.31 U	0.22 J
	Fluoranthene	NA	NA	0.41 U	0.42 U	0.41 U	0.41 U	0.42 U	0.41 U	0.41 U	0.41 U	0.38 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.42 U	0.45 U	0.41 U	0.4 U	0.41 U	0.41 U
	Fluorene	NA	NA	0.31 U	0.31 U	0.31 U	0.3 U	0.32 U	0.31 U	0.31 U	0.31 U	0.28 U	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.3 U	0.31 U	0.42	0.3 U	0.3 U	0.31 U	0.34 U	0.31 U	0.3 U	0.055 J	0.31 U
	Indeno(1,2,3-cd)pyrene	NA	NA	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 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	0.21 U	0.22 U	0.2 U	0.2 U	0.2 U	0.21 U
	Naphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.05 J	1 U	1 U	1 U	0.28 J	1.1	1 U	1 U	1 U	1.1 U	1 U	0.17 J	0.099 J	1 U
	Phenanthrene	NA	NA	0.31 U	0.31 U	0.31 U	0.3 U	0.32 U	0.31 U	0.31 U	0.31 U	0.28 U	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.3 U	0.31 U	0.31 U	0.3 U	0.3 U	0.31 U	0.34 U	0.31 U	0.3 U	0.31 U	0.31 U
	Pyrene	NA	NA	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 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	0.21 U	0.22 U	0.2 U	0.2 U	0.2 U	0.21 U
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	0.1 U	0.0136 J	0.1 U	0.1 U	0.1 U	0.0061 J	0.1 U	0.1 U	0.00981 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0751 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)	0.0282	0.0178	0.0265	0.00908 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00263 J	0.01 U	0.0354	0.01 U	0.157	0.202	0.00785 J	0.00825 J	0.00727 J	0.00182 J	0.00148 J	0.0046 J	0.0102	0.00508 J	0.00375 J	0.00373 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	0.15 J	0.1 U	0.17 J	0.3309	3.15	3.6285	1.3 J	2.1529	2.1811	0.49 J	0.8148	0.15 J	0.1602	0.25 J	3.7269	0.2 J	0.21 J	0.1491	0.44 J	0.398	0.19 J	0.084 J	0.27 J	0.169	0.2471
	Sulfate	NA	250 (s)	28.2	32.2	33.3	36.6	185	187	60.1	77.3	79.3	32.9	33.5	28.2	28.7	59.6	109	27.2	27.3	28.8	28.2	28.4	27.3	27.6	32.3	32.9	32.9
Alkalinity (mg/L CaCO3)	Total Alkalinity	NA	NA	--	32	--	126	--	23	--	29	27	--	112	--	88	--	160	--	--	120	--	114	--	112	--	126	130
	Carbonate $CO3^{2-}$	NA	NA	--	0.5 U	--	0.5 U	--	0.5 U	--	0.5 U	0.5 U	--	0.5 U	--	0.5 U	--	0.5 U	--	--	0.5 U	--	0.5 U	--	0.5 U	--	0.5 U	0.5 U
	Bicarbonate HCO^{3-}	NA	NA	--	32	--	126	--	23	--	29	27	--	112	--	88	--	160	--	--	120	--	114	--	112	--	126	130

Table 3-4. 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-10618	Well KAFB-10619		Well KAFB-10620		Well KAFB-10621		Well KAFB-10622			Well KAFB-10623			Well KAFB-10624		Well KAFB-10625		Well KAFB-3411		VA Hospital Production Well		KAFB-03		KAFB-15		KAFB-16	
				01/19/10	10/15/09	01/18/10	10/16/09	01/19/10	10/14/09	01/20/10	10/13/09	10/13/09	01/20/10	10/13/09	01/21/10	01/21/10	10/19/09	01/22/10	PostDevelop	01/21/10	10/12/09	01/14/10	10/08/09	01/14/10	10/08/09	01/12/10	10/08/09	01/12/10	10/08/09	01/12/10
				Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q409Dup	Q110	Q409	Q110	Q110Dup	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110
TPH (mg/L) Method 8015B	DRO	NA	NA	15	0.29 U	0.26 U	0.28 U	0.091 J	0.38 U	0.24 U	0.26 U	0.26 U	0.26 U	0.25 U	0.26 U	0.26 U	0.32 U	0.110 J	60 J	0.26 U	0.26 U	0.074 J	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.24 U	0.26 U	0.27 U
	MRO	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	GRO	NA	NA	11.2	0.093	0.064 U	0.69	0.37	0.12	0.021 J	0.13	0.13	0.064 U	0.028 J	0.064 U	0.064 U	0.050 J	0.055 J	10 J	0.064 U	0.012 J	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	1,1,1,2-Tetrachloroethane	NA	NA	10 U	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 U	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 U
	1,1,1-Trichloroethane	NA	60 *	10 U	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 U	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 U
	1,1,2,2-Tetrachloroethane	NA	10 *	10 U	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 U	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 U
	1,1,2-Trichloroethane	NA	5.0	10 U	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 U	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 U
	1,1-Dichloroethane	NA	25 *	10 U	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 U	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 U
	1,1-Dichloroethene	NA	5.0 *	10 U	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 U	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 U
	1,1-Dichloropropene	NA	NA	10 U	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 U	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 U
	1,2,3-Trichlorobenzene	NA	NA	12.2 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 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 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	NA	15.2 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	1.5 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	1.5 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	70	10 U	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 U	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 U
	1,2,4-Trimethylbenzene	NA	NA	204	1 U	1 U	1 U	1 U	1 U	0.93 J	1 U	1 U	0.38 J	1 U	1 U	1 U	1 U	0.65 J	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-Dibromo-3-chloropropane	NA	0.2	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	1,2-Dibromoethane (EDB) [d]	NA	0.05	**21.9 J**	**0.69**	**0.46**	0.0196 U	0.02 U	**0.38**	**0.25 J**	**0.75**	**0.69**	**0.92 J**	0.02 U	0.012 J	0.015 J	**0.055**	0.02	**0.06**	**0.059**	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0199 U	0.02 U	0.02 U	0.02 U	0.02 U
	1,2-Dichlorobenzene	NA	600	10 U	1 U	1 U	1 U	1 U	1 U	**0.16 J**	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloroethane (EDC)	NA	5.0	10 U	1 U	1 U	1 U	1 U	0.42 J	0.34 J	1 U	1 U	0.24 J	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 U	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	5.0	10 U	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 U	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 U
	1,3,5-Trimethylbenzene	NA	NA	58.2	1 U	1 U	1 U	1 U	0.74 J	1.9	1 U	1 U	0.32 J	1 U	1 U	1 U	1 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 U	1 U
	1,3-Dichlorobenzene	NA	NA	10 U	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 U	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 U
	1,3-Dichloropropane	NA	NA	10 U	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 U	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 U
	1,4-Dichlorobenzene	NA	75	10 U	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 U	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 U
	1-Methylnaphthalene	NA	30* [g]	17.1	0.12 J	0.04 J	1.1 U	1 U	1 U	0.12 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.083 J	--	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	0.95 U	1 U	1 U
	2,2-Dichloropropane	NA	NA	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	< 5	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	NA	258	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	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	NA	10 U	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 U	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 U
	2-Hexanone	NA	NA	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	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	NA	10 U	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 U	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	NA	10 U	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 U	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 U
	4-Methyl-2-pentanone	NA	NA	148	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	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	NA	246	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	10 U	10 U	10 U
	Benzene	NA	5.0	**4380**	1 U	1 U	0.76 J	0.6 J	1 U	4.2	1 U	1 U	1.6 U	1 U	1.1	1.1	0.58 J	**6.2**	1 U	0.29 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromobenzene	NA	NA	10 U	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 U	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 U
	Bromochloromethane	NA	NA	10 U	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 U	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 U
	Bromodichloromethane	NA	NA	10 U	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 U	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 U
	Bromoform	NA	NA	10 U	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 U	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 U
	Bromomethane	NA	NA	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	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	NA	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	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	NA	5.0	10 U	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 U	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 U
	Chlorobenzene	NA	100	10 U	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 U	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 U
	Chloroethane	NA	NA	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	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	NA	100 *	10 U	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 U	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 U
	Chloromethane	NA	NA	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	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	70	10 U	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 U	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 U
	cis-1,3-Dichloropropene	NA	NA	10 U	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 U	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 U
	Dibromochloromethane	NA	NA	10 U	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 U	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 U
	Dibromomethane	NA	NA	10.6 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	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	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	NA	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	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	NA	700	546	1 U	1 U	1 U	1 U	1 U	1.8	1 U	1 U	1 U	1 U	0.55 J	0.66 J	1 U	1.1	1 U	0.27 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	NA	10 U	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 U	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 U

Table 3-4. 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-10618	Well KAFB-10619		Well KAFB-10620		Well KAFB-10621		Well KAFB-10622			Well KAFB-10623			Well KAFB-10624		Well KAFB-10625		Well KAFB-3411		VA Hospital Production Well		KAFB-03		KAFB-15		KAFB-16	
				01/19/10	10/15/09	01/18/10	10/16/09	01/19/10	10/14/09	01/20/10	10/13/09	10/13/09	01/20/10	10/13/09	01/21/10	01/21/10	10/19/09	01/22/10	PostDevelop	01/21/10	10/12/09	01/14/10	10/08/09	01/14/10	10/08/09	01/12/10	10/08/09	01/12/10	10/08/09	01/12/10
				Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q409Dup	Q110	Q409	Q110	Q110Dup	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	Isopropylbenzene	NA	NA	61.7	0.64 J	0.2 J	2.7	2.2	1 U	0.41 J	1 U	1 U	0.32 J	1 U	1 U	1 U	1 U	0.18 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Methyl tert-butyl ether (MTBE)	NA	NA	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	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	NA	5.0	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Naphthalene	NA	30* [g]	59.7	0.2 J	1 U	0.33 J	1 U	1 U	1.5	0.2 J	0.26 J	1.4	0.12 J	1 U	1 U	0.2 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
	n-Butylbenzene	NA	NA	10 U	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 U	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 U
	n-Propylbenzene	NA	NA	53.2	1 U	1 U	1 U	0.16 J	1 U	0.27 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.24 J	1 U	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	NA	7 J	1 U	1 U	0.35 J	0.31 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.12 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Styrene	NA	100	10 U	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 U	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 U
	tert-Butylbenzene	NA	NA	10 U	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 U	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 U
	Tetrachloroethene	NA	5.0	10 U	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 U	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 U
	Toluene	NA	750 *	251	17.6	1.2	33.1	0.64 J	43	0.93 J	56.6	55.2	0.88 J	13	0.89 J	0.91 J	22.6	6	4.4	0.63 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	trans-1,2-DCE	NA	100	10 U	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 U	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 U
	trans-1,3-Dichloropropene	NA	NA	10 U	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 U	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 U
	Trichloroethene	NA	5.0	10 U	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 U	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 U
	Trichlorofluoromethane	NA	NA	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	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	NA	1.0 *	10 U	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 U	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 U
	Xylenes, m-, p- (sum of isomers)	NA	NA	1050	1.1 J	2 U	2 U	2 U	1.2 J	5	2 U	2 U	1.7 J	2 U	1.1 J	1.1 J	2 U	2.7	2 U	0.55 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	418	1 U	1 U	1 U	1 U	1 U	1.4	1 U	1 U	0.62 J	1 U	1 U	1 U	1 U	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	NA	620 *	**1470**	1.1 J	3 U	3 U	3 U	1.2 J	6.4	3 U	3 U	2.3 J	3 U	1.5 J	1.6 J	3 U	3.7	3 U	0.55 J	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	10 U	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 U	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-Dichlorobenzene	NA	NA	10 U	1 U	1 U	1 U	1 U	1 U	0.16 J	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 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichlorobenzene	NA	NA	10 U	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 U	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	NA	10 U	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 U	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-Dinitrobenzene	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	1-Methylnaphthalene	NA	30* [g]	17.1	0.12 J	0.04 J	1.1 U	1 U	1 U	0.12 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.083 J	--	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	0.95 U	1 U	1 U
	2,4,5-Trichlorophenol	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	2,4,6-Trichlorophenol	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	2,4-Dimethylphenol	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	2,4-Dinitrophenol	NA	NA	63.2 U	61.2 U	61.8 U	63.2 U	61.8 U	63.2 U	56.6 U	60.9 U	60.9 U	63.5 U	60.9 U	62.5 U	63.2 U	61.8 U	63.8 U	--	61.8 U	63.2 U	62.2 U	73.2 U	61.5 U	63.2 U	66.7 U	61.8 U	60.6 U	63.8 U	60.6 U
	2,4-Dinitrotoluene	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	2,6-Dinitrotoluene	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	2-Chloronaphthalene	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	2-Chlorophenol	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	2-Methylnaphthalene	NA	30* [g]	22.6	0.08 J	1 U	1.1 U	1 U	1 U	0.18 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.12 J	--	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	0.071 J	1 U	1 U
	2-Methylphenol	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	2-Nitroaniline	NA	NA	52.6 U	51 U	51.5 U	52.6 U	51.5 U	52.6 U	47.2 U	50.8 U	50.8 U	52.9 U	50.8 U	52.1 U	52.6 U	51.5 U	53.2 U	--	51.5 U	52.6 U	51.8 U	61 U	51.3 U	52.6 U	55.6 U	51.5 U	50.5 U	53.2 U	50.5 U
	2-Nitrophenol	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	3,3´-Dichlorobenzidine	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	3-Nitroaniline	NA	NA	52.6 U	51 U	51.5 U	52.6 U	51.5 U	52.6 U	47.2 U	50.8 U	50.8 U	52.9 U	50.8 U	52.1 U	52.6 U	51.5 U	53.2 U	--	51.5 U	52.6 U	51.8 U	61 U	51.3 U	52.6 U	55.6 U	51.5 U	50.5 U	53.2 U	50.5 U
	4,6-Dinitro-2-methylphenol	NA	NA	63.2 U	61.2 U	61.8 U	63.2 U	61.8 U	63.2 U	56.6 U	60.9 U	60.9 U	63.5 U	60.9 U	62.5 U	63.2 U	61.8 U	63.8 U	--	61.8 U	63.2 U	62.2 U	73.2 U	61.5 U	63.2 U	66.7 U	61.8 U	60.6 U	63.8 U	60.6 U
	4-Bromophenyl phenyl ether	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	4-Chloro-3-methylphenol	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	4-Chloroaniline	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	4-Chlorophenyl phenyl ether	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	4-Nitroaniline	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	4-Nitrophenol	NA	NA	52.6 U	51 U	51.5 U	52.6 U	51.5 U	52.6 U	47.2 U	50.8 U	50.8 U	52.9 U	50.8 U	52.1 U	52.6 U	51.5 U	53.2 U	--	51.5 U	52.6 U	51.8 U	61 U	51.3 U	52.6 U	55.6 U	51.5 U	50.5 U	53.2 U	50.5 U
	Benzidine	NA	NA	158 U	**R**	155 U	**R**	155 U	**R**	142 U	**R**	**R**	159 U	**R**	156 U	158 U	**R**	160 U	--	155 U	**R**	155 U	**R**	154 U	**R**	167 U	**R**	152 U	**R**	152 U
	Benzoic acid	NA	NA	36.4 J	61.2 U	61.8 U	**R**	61.8 U	63.2 U	56.6 U	60.9 U	60.9 U	63.5 U	60.9 U	**R**	63.2 U	61.8 U	63.8 U	--	61.8 U	63.2 U	63.2 U	73.2 U	65.2 U	63.2 U	61.8 U	61.8 U	57.1 U	63.8 U	61.5 U
	Bis(2-chloroethoxy)methane	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	Bis(2-chloroethyl)ether	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U

Table 3-4. 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-10618	Well KAFB-10619		Well KAFB-10620		Well KAFB-10621		Well KAFB-10622			Well KAFB-10623			Well KAFB-10624		Well KAFB-10625	Well KAFB-3411			VA Hospital Production Well		KAFB-03		KAFB-15		KAFB-16	
				01/19/10	10/15/09	01/18/10	10/16/09	01/19/10	10/14/09	01/20/10	10/13/09	10/13/09	01/20/10	10/13/09	01/21/10	01/21/10	10/19/09	01/22/10	PostDevelop	01/21/10	10/12/09	01/14/10	10/08/09	01/14/09	10/08/09	01/12/10	10/08/09	01/12/10	10/08/09	01/12/10
				Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q409Dup	Q110	Q409	Q110	Q110Dup	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110	Q409	Q110
SVOCs (ug/L) Method 8270	Bis(2-ethylhexyl)phthalate	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10 J	10.4 U	15.5	10.3 U	10.6 U	--	10.3 U	10.5 U	11.8 J	9 J	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	Butyl benzyl phthalate	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	Dibenzofuran	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	Diethyl phthalate	NA	NA	20.4	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	Dimethyl phthalate	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	Di-n-butyl phthalate	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	Di-n-octyl phthalate	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	10 J	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	Hexachlorobenzene	NA	1.0	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	Hexachlorocyclopentadiene	NA	50	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	Hexachloroethane	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	Hexachlorobutadiene	NA	NA	10 U	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 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Naphthalene	NA	30* [g]	59.7	0.2 J	1 U	0.33 J	1 U	1 U	1.5	0.2 J	0.26 J	1.4	0.12 J	1 U	1 U	0.2 J	1 U	--	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
	Nitrobenzene	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	N-Nitrosodi-n-propylamine	NA	NA	21 U	20.4 U	20.6 U	21 U	20.6 U	21 U	18.9 U	20.3 U	20.3 U	21.2 U	20.3 U	20.8 U	21 U	20.6 U	21.3 U	--	20.6 U	21 U	20.7 U	24.4 U	20.5 U	21 U	22.2 U	20.6 U	20.2 U	21.3 U	20.2 U
	N-Nitrosodiphenylamine	NA	NA	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
	Pentachlorophenol	NA	1.0	63.2 U	61.2 U	61.8 U	63.2 U	61.8 U	63.2 U	56.6 U	60.9 U	60.9 U	63.5 U	60.9 U	62.5 U	63.2 U	61.8 U	63.8 U	--	61.8 U	63.2 U	62.2 U	73.2 U	61.5 U	63.2 U	66.7 U	61.8 U	60.6 U	63.8 U	60.6 U
	Phenol	NA	5.0 *	10.5 U	10.2 U	10.3 U	10.5 U	10.3 U	10.5 U	9.4 U	10.2 U	10.2 U	10.6 U	10.2 U	10.4 U	10.5 U	10.3 U	10.6 U	--	10.3 U	10.5 U	10.4 U	12.2 U	10.2 U	10.5 U	11.1 U	10.3 U	10.1 U	10.6 U	10.1 U
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	17.1	0.12 J	0.04 J	1.1 U	1 U	1 U	0.12 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.083 J	--	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	0.95 U	1 U	1 U
	2-Methylnaphthalene	NA	30* [g]	22.6	0.08 J	1 U	1.1 U	1 U	1 U	0.18 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.12 J	--	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	0.071 J	1 U	1 U
	Acenaphthene	NA	NA	1 U	1 U	1 U	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	--	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	0.95 U	1 U	1 U
	Acenaphthylene	NA	NA	1 U	1 U	1 U	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	--	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	0.95 U	1 U	1 U
	Anthracene	NA	NA	0.3 U	0.31 U	0.3 U	0.33 U	0.3 U	0.31 U	0.32 U	0.31 U	0.31 U	0.31 U	0.31 U	0.32 U	0.31 U	0.32 U	0.31 U	--	0.31 U	0.31 U	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.31 U	0.28 U	0.31 U	0.31 U
	Benz(a)anthracene	NA	NA	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	--	0.21 U	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.19 U	0.21 U	0.2 U
	Benzo(a)pyrene	NA	0.2	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	--	0.21 U	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.19 U	0.21 U	0.2 U
	Benzo(b)fluoranthene	NA	NA	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	--	0.21 U	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.19 U	0.21 U	0.2 U
	Benzo(g,h,i)perylene	NA	NA	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	--	0.21 U	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.19 U	0.21 U	0.2 U
	Benzo(k)fluoranthene	NA	NA	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U	0.16 U	0.15 U	--	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U	0.16 U	0.16 U	0.15 U	0.14 U	0.15 U	0.15 U
	Chrysene	NA	NA	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	--	0.21 U	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.19 U	0.21 U	0.2 U
	Dibenz(a,h)anthracene	NA	NA	0.3 U	0.31 U	1.1 J	0.33 U	3.9 J	0.31 U	0.32 U	0.31 U	0.31 U	0.31 U	0.31 U	0.32 U	0.31 U	0.32 U	0.31 U	--	0.31 U	0.31 U	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.31 U	0.28 U	0.31 U	0.31 U
	Fluoranthene	NA	NA	0.4 U	0.41 U	0.4 U	0.44 U	0.4 U	0.41 U	0.42 U	0.41 U	0.41 U	0.08 J	0.41 U	0.42 U	0.42 U	0.42 U	0.41 U	--	0.42 U	0.41 U	0.41 U	0.42 U	0.41 U	0.44 U	0.42 U	0.42 U	0.38 U	0.41 U	0.41 U
	Fluorene	NA	NA	2.9	0.31 U	0.3 U	0.33 U	0.3 U	0.3 J	0.32 U	0.38	0.31 U	0.24 J	0.31 U	0.32 U	0.31 U	0.32 U	0.31 U	--	0.31 U	0.31 U	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.31 U	0.28 U	0.31 U	0.31 U
	Indeno(1,2,3-cd)pyrene	NA	NA	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	--	0.21 U	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.19 U	0.21 U	0.2 U
	Naphthalene	NA	30* [g]	59.7	0.2 J	1 U	0.33 J	1 U	1 U	1.5	0.2 J	0.26 J	1.4	0.12 J	1 U	1 U	0.2 J	1 U	--	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
	Phenanthrene	NA	NA	0.3 U	0.31 U	0.3 U	0.33 U	0.3 U	0.31 U	0.32 U	0.31 U	0.31 U	0.31 U	0.31 U	0.32 U	0.31 U	0.32 U	0.31 U	--	0.31 U	0.31 U	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.31 U	0.28 U	0.31 U	0.31 U
	Pyrene	NA	NA	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	--	0.21 U	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.19 U	0.21 U	0.2 U
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	0.264	0.1 U	0.1 U	0.1 U	0.0097 J	0.1 U	0.00583 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.386	0.67	--	0.1 U	0.1 U	0.1 U	0.1 U	0.0549 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	Manganese (dissolved)	NA	0.05 (s)	1.04	0.00424 J	0.00446 J	0.00411 J	0.0054 J	0.00444 J	0.0208	0.000996 J	0.00101 J	0.0134	0.00266 J	0.00873 J	0.00832 J	0.58	0.803	--	0.00508 J	0.146	0.0569	0.01 U	0.00114 J	0.01 U	0.01 U	0.0189 J	0.0204	0.00518 J	0.00612 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	0.1044	0.12 J	0.1 U	0.33 J	0.1 U	0.17 J	0.42	10 U	10 U	0.1 U	0.087 J	0.046 J	0.1362	0.1 U	0.1 U	--	0.2159	0.098 J	0.0969 J	0.33 J	0.066 J	0.63 J	0.3	0.11 J	0.1 U	10 U	0.1 U
	Sulfate	NA	250 (s)	61.3	28.6	33.6	49.8	46.9	38.8	46.1	34.1	28.6	34.8	33	29.3	29.5	18.5	14.4	--	52	34.5	40.5	31.1	25.2	36.8	24.6	32.2	32.6	33.3	32.5
Alkalinity (mg/L CaCO3)	Total Alkalinity	NA	NA	130	--	134	--	130	--	120	--	--	128	--	120	118	--	148	--	114	--	144	--	98	--	108	--	88	--	96
	Carbonate $CO3^{2-}$	NA	NA	0.5 U	--	0.5 U	--	0.5 U	--	0.5 U	--	--	0.5 U	--	0.5 U	0.5 U	--	0.5 U	--	0.5 U	--	0.5 U	--	0.5 U	--	0.5 U	--	0.5 U	--	0.5 U
	Bicarbonate HCO^{3-}	NA	NA	130	--	134	--	130	--	120	--	--	128	--	120	118	--	148	--	114	--	144	--	98	--	108	--	88	--	96

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. Shading indicates the analyte was detected.

e/f. not used g. The WQCC regulation for PAHs of 30 mg/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

J = Estimated value, concentration is less than PQL but greater than Laboratory MDL. N/A = not applicable or not analyzed. NR = Not recorded. U = The analyte was not detected. The associated numerical value is at or below the MDL.

Table 3-5. Summary of PDB and Low Flow 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-10613						Well KAFB-10617					
				01/25/10	01/25/10	01/25/10	01/28/10	01/26/10	01/26/10	01/27/10	01/27/10	01/27/10	01/27/10	01/27/10	01/27/10
				Q110 PDB501	Q110 PDB506	Q110 PDB514	Q110 LF501	Q110 LF506	Q110 LF514	Q110 PDB493	Q110 PDB498	Q110 PDB509	Q110 LF493	Q110 LF498	Q110 LF509
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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,1-Trichloroethane	NA	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	NA	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	NA	5.0	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	NA	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	NA	5.0 *	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	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	NA	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 U	1.2 U	1.2 U
	1,2,3-Trichloropropane	NA	NA	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	1.5 U	1.5 U	1.5 U
	1,2,4-Trichlorobenzene	NA	70	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	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4	0.73 J	1.2
	1,2-Dibromo-3-chloropropane	NA	0.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	1,2-Dibromoethane (EDB) [d]	NA	0.05	0.02 U	0.02 U	0.0199 U	0.02 U	0.02 U	0.013 J	**1.1**	**0.92**	**1.3**	**1.3**	**1.3**	**1.4**
	1,2-Dichlorobenzene	NA	600	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 (EDC)	NA	5.0	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	5.0	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	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 J	0.15 J	0.2 J
	1,3-Dichlorobenzene	NA	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	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	75	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	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	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	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	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	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	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	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	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
	Benzene	NA	5.0	1 U	1 U	1 U	1 U	0.77 J	0.85 J	1 U	1 U	1 U	1 U	1 U	0.59 J
	Bromobenzene	NA	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	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	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	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	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	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	NA	5.0	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	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
	Chloroethane	NA	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	NA	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	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	70	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	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

Table 3-5. Summary of PDB and Low Flow 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-10613						Well KAFB-10617					
				01/25/10	01/25/10	01/25/10	01/28/10	01/26/10	01/26/10	01/27/10	01/27/10	01/27/10	01/27/10	01/27/10	01/27/10
				Q110 PDB501	Q110 PDB506	Q110 PDB514	Q110 LF501	Q110 LF506	Q110 LF514	Q110 PDB493	Q110 PDB498	Q110 PDB509	Q110 LF493	Q110 LF498	Q110 LF509
VOCs (ug/L) Method 8260 (except EDB by method 504.1 and DBCP by method 504.1 beginning 2006)	Dibromochloromethane	NA	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	NA	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	1.1 U	1.1 U	1.1 U
	Dichlorodifluoromethane	NA	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	NA	700	1 U	1 U	1 U	1 U	0.46 J	0.5 J	1 U	1 U	1 U	1 U	1 U	0.35 J
	Hexachlorobutadiene	NA	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	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.2	1.1	1.1
	Methyl tert-butyl ether (MTBE)	NA	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	NA	5.0	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Naphthalene	NA	30* [g]	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	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	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.15 J	1 U	0.18 J
	sec-Butylbenzene	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 J	0.14 J	0.16 J
	Styrene	NA	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
	tert-Butylbenzene	NA	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	NA	5.0	1 U	1 U	1 U	1 U	1 U	1 U	0.25 J	1 U	0.23 J	0.25 J	0.22 J	0.29 J
	Toluene	NA	750 *	1 U	1 U	1 U	0.33 J	1.6	0.67 J	1 U	1 U	1 U	1 U	0.17 J	0.65 J
	trans-1,2-DCE	NA	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
	trans-1,3-Dichloropropene	NA	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	NA	5.0	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	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	NA	1.0 *	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, m-, p- (sum of isomers)	NA	NA	2 U	2 U	2 U	2 U	0.95 J	0.99 J	2 U	2 U	2 U	5.2	4.3	5.3
	Xylenes, o- (1,2-Dimethylbenzene)	NA	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
	Xylenes, Total	NA	620 *	3 U	3 U	3 U	3 U	0.95 J	0.99 J	3 U	3 U	3 U	5.2	4.3	5.6
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	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-Dichlorobenzene	NA	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-Dichlorobenzene	NA	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	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
	Hexachlorobutadiene	NA	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
	Naphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Naphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3-5. Summary of PDB and Low Flow 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-10618			Well KAFB-10619						Well KAFB-10620		
				01/19/10	01/19/10	01/19/10	01/18/10	01/18/10	01/18/10	01/18/10	01/18/10	01/18/10	01/19/10	01/19/10	01/19/10
				Q110 PDB486	Q110 PDB491	Q110 PDB501	Q110 PDB505	Q110 PDB510	Q110 PDB518	Q110 PDB505Dup	Q110 PDB510Dup	Q110 PDB518Dup	Q110 PDB491	Q110 PDB496	Q110 PDB507
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	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,1-Trichloroethane	NA	60 *	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2,2-Tetrachloroethane	NA	10 *	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2-Trichloroethane	NA	5.0	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethane	NA	25 *	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethene	NA	5.0 *	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloropropene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,3-Trichlorobenzene	NA	NA	6.1 U	6.1 U	6.1 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	NA	7.6 U	7.6 U	7.6 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	70	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,4-Trimethylbenzene	NA	NA	41.6	117	79.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dibromo-3-chloropropane	NA	0.2	25 U	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	1,2-Dibromoethane (EDB) [d]	NA	0.05	**0.48**	**10.7 J**	**13.6 J**	**0.47**	**0.56 J**	**0.44 J**	**0.44**	**0.47 J**	**0.46**	0.02 U	0.02 U	0.02 U
	1,2-Dichlorobenzene	NA	600	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloroethane (EDC)	NA	5.0	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	5.0	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3,5-Trimethylbenzene	NA	NA	11.2	30.5	20.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichlorobenzene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichloropropane	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	75	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2,2-Dichloropropane	NA	NA	25 U	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	2-Butanone (MEK)	NA	NA	13.9 J	32.3	37.8	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
	2-Chlorotoluene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2-Hexanone	NA	NA	25 U	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	4-Chlorotoluene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Isopropyltoluene	NA	NA	1.2 J	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Methyl-2-pentanone	NA	NA	36.6	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Acetone	NA	NA	18.8 J	50 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	1.4 J	1.5 J	1.8 J
	Benzene	NA	5.0	**1410**	**2470**	**2620**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.56 J	0.58 J
	Bromobenzene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromochloromethane	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromodichloromethane	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromoform	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromomethane	NA	NA	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon disulfide	NA	NA	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon tetrachloride	NA	5.0	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chlorobenzene	NA	100	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloroethane	NA	NA	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Chloroform	NA	100 *	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloromethane	NA	NA	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	cis-1,2-Dichloroethene	NA	70	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,3-Dichloropropene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3-5. Summary of PDB and Low Flow 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-10618			Well KAFB-10619						Well KAFB-10620		
				01/19/10	01/19/10	01/19/10	01/18/10	01/18/10	01/18/10	01/18/10	01/18/10	01/18/10	01/19/10	01/19/10	01/19/10
				Q110 PDB486	Q110 PDB491	Q110 PDB501	Q110 PDB505	Q110 PDB510	Q110 PDB518	Q110 PDB505Dup	Q110 PDB510Dup	Q110 PDB518Dup	Q110 PDB491	Q110 PDB496	Q110 PDB507
VOCs (ug/L) Method 8260 (except EDB by method 504.1 and DBCP by method 504.1 beginning 2006)	Dibromochloromethane	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromomethane	NA	NA	5.3 U	5.3 U	5.3 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	NA	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Ethylbenzene	NA	700	67.6	334	332	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Isopropylbenzene	NA	NA	4.3 J	39.6	30.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.3	1.2
	Methyl tert-butyl ether (MTBE)	NA	NA	25 U	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Methylene chloride	NA	5.0	25 U	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Naphthalene	NA	30* [g]	18.8	49.8	40.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	n-Butylbenzene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	n-Propylbenzene	NA	NA	5 U	25.5	18.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	sec-Butylbenzene	NA	NA	0.67 J	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Styrene	NA	100	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	tert-Butylbenzene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Tetrachloroethene	NA	5.0	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Toluene	NA	750 *	43.3	98.9	122	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	trans-1,2-DCE	NA	100	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	trans-1,3-Dichloropropene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Trichloroethene	NA	5.0	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Trichlorofluoromethane	NA	NA	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Vinyl chloride	NA	1.0 *	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Xylenes, m-, p- (sum of isomers)	NA	NA	283	730	669	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	134	314	286	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Xylenes, Total	NA	620 *	417	**1040**	**955**	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichlorobenzene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichlorobenzene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Naphthalene	NA	30* [g]	18.8	49.8	40.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Naphthalene	NA	30* [g]	18.8	49.8	40.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3-5. Summary of PDB and Low Flow 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-10621			Well KAFB-10622			Well KAFB-10623			Well KAFB-10625		
				01/20/10	01/20/10	01/20/10	01/20/10	01/20/10	01/20/10	01/21/10	01/21/10	01/21/10	01/21/10	01/21/10	01/21/10
				Q110 PDB467	Q110 PDB472	Q110 PDB482	Q110 PDB472	Q110 PDB477	Q110 PDB487	Q110 PDB481	Q110 PDB486	Q110 PDB497	Q110 PDB473	Q110 PDB478	Q110 PDB486
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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,1-Trichloroethane	NA	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	NA	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	NA	5.0	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	NA	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	NA	5.0 *	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	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	NA	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 U	1.2 U	1.2 U
	1,2,3-Trichloropropane	NA	NA	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	1.5 U	1.5 U	1.5 U
	1,2,4-Trichlorobenzene	NA	70	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	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-Dibromo-3-chloropropane	NA	0.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	1,2-Dibromoethane (EDB) [d]	NA	0.05	**0.19 J**	**0.23 J**	**0.24 J**	**0.95 J**	**0.94 J**	**0.87 J**	0.02 U	0.02 U	0.02 U	**0.05**	**0.055**	0.045
	1,2-Dichlorobenzene	NA	600	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 (EDC)	NA	5.0	0.34 J	0.33 J	0.32 J	0.25 J	0.22 J	0.23 J	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	5.0	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	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-Dichlorobenzene	NA	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	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	75	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	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	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	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	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	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	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	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	NA	10 U	10 U	10 U	1.5 J	10 U	2.8 J	10 U	10 U	10 U	10 U	10 U	10 U
	Benzene	NA	5.0	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromobenzene	NA	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	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	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	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	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	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	NA	5.0	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	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
	Chloroethane	NA	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	NA	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	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	70	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	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

Table 3-5. Summary of PDB and Low Flow 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-10621			Well KAFB-10622			Well KAFB-10623			Well KAFB-10625		
				01/20/10	01/20/10	01/20/10	01/20/10	01/20/10	01/20/10	01/21/10	01/21/10	01/21/10	01/21/10	01/21/10	01/21/10
				Q110 PDB467	Q110 PDB472	Q110 PDB482	Q110 PDB472	Q110 PDB477	Q110 PDB487	Q110 PDB481	Q110 PDB486	Q110 PDB497	Q110 PDB473	Q110 PDB478	Q110 PDB486
VOCs (ug/L) Method 8260 (except EDB by method 504.1 and DBCP by method 504.1 beginning 2006)	Dibromochloromethane	NA	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	NA	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	1.1 U	1.1 U	1.1 U
	Dichlorodifluoromethane	NA	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	NA	700	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	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	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
	Methyl tert-butyl ether (MTBE)	NA	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	NA	5.0	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Naphthalene	NA	30* [g]	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	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	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
	sec-Butylbenzene	NA	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
	Styrene	NA	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
	tert-Butylbenzene	NA	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	NA	5.0	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	NA	750 *	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-1,2-DCE	NA	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
	trans-1,3-Dichloropropene	NA	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	NA	5.0	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	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	NA	1.0 *	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, m-, p- (sum of isomers)	NA	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
	Xylenes, o- (1,2-Dimethylbenzene)	NA	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
	Xylenes, Total	NA	620 *	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	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-Dichlorobenzene	NA	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-Dichlorobenzene	NA	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	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
	Hexachlorobutadiene	NA	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
	Naphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Naphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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. Shading indicates the analyte was detected.
e/f. not used g. The WQCC regulation for PAHs of 30 mg/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.
J = Estimated value, concentration is less than PQL but greater than Laboratory MDL. N/A = not applicable or not analyzed. NR = Not recorded. U = The analyte was not detected. The associated numerical value is at or below the MDL.

3.4.1 Groundwater Monitoring Data

The following is a summary of the detections in groundwater during the fourth quarter of 2009 and the first quarter of 2010. The dissolved phase constituent impacts to the groundwater are delineated in the south, east and west. With the addition of well KAFB-10625, the northern extent of the dissolved phase plume is nearly delineated as well. The inferred extent of the PSH and dissolved phase plume is illustrated on Figure 3-1. This reporting period data continue to show that the PSH plume is delineated in all directions.

3.4.1.1 Plume Delineation South of Kirtland AFB Boundary

- Well KAFB-1061 continued to display variability in its benzene concentration. Concentrations were much lower than the previous quarters with values ranging from a 0.38 (μg/L) in October 2009 to non detect in January 2010. This well has historically shown fluctuations that may be the result of the operation of the Former Fuel Offloading Rack SVE system or proximity to the western edge of the PSH body on the groundwater surface. Well KAFB-1061 also tested contained EDB above the EPA MCL in the first quarter of 2010, although the other constituents detected were well below regulatory standards. Wells KAFB-1062, KAFB-1063, KAFB-10616, and KAFB-3411 show some detections of dissolved fuel-related constituents; however these are all at low levels and are considerably below applicable regulatory levels.

- Newer well KAFB-10624, installed in August 2009, did not contain PSH. A concentration of EDB was detected above the EPA MCL in the fourth quarter of 2009 but was below the EPA MCL in the first quarter of 2010. Benzene was detected above the EPA MCL in the first quarter of 2010. All other detected fuel-related constituents were all below applicable regulatory levels. This well further tightens the delineation of the extent of PSH that is located further to the east. It also appears to represent a western boundary of the dissolved-phase constituents in excess of regulatory levels in this area, with constituents fluctuating just above and below the MCLs.

- Well KAFB-1067 and well KAFB-10616 effectively delineate the southern extent of the PSH plume and the dissolved-phase constituents in the groundwater. These wells contain some fuel related constituents but all were well below regulatory limits.

- Well KAFB-10611 delineates the eastern extent of the PSH and dissolved-phase constituent impacts, containing only low levels of estimated GRO detections, and xylene detections below applicable regulatory levels. Well KAFB-10614 (immediately west of KAFB-10611) contains over 0.5 foot of PSH. This pair of wells indicates that the PSH body dissipates to being non detectable within less than a 500-foot 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 dissipation 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. A similar effect is observed in the well pair KAFB-1065, which contains over 1 foot of PSH, and well KAFB-10612. Although KAFB-10612 has been observed to contain some dissolved phase impacts above the MCLs at other times it is below MCLs despite the fact that a well with over 1 ft of PSH is less than 500 feet to the east.

- Concentrations of the routinely detected, dissolved metals manganese and iron were present in various site wells during the two reporting quarters. All concentrations in this reporting period were below EPA standards. In previous reporting periods some wells, the detected concentrations exceeded the U.S. Environmental Protection Agency (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 were detected in multiple wells during both quarters. All detected concentrations were below applicable primary or secondary regulatory limits.

3.4.1.2 Plume Delineation North of Kirtland AFB Boundary

- Wells KAFB-10621, KAFB-10622 and KAFB-10623 all continued to show no PSH, thereby delineating the downgradient extent of PSH.

- Wells KAFB-1062, KAFB-1064, KAFB-10613, and KAFB-10620 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 other fuel constituents but all at concentrations well below applicable regulatory levels.

- Well KAFB-10615 delineates the far eastern extent of dissolved-phase constituent impacts. This well continued to not show any detections of EDB.

- Wells KAFB-10617, KAFB-10619, KAFB-10621, KAFB-10622, KAFB-1062, and KAFB-10625 displayed measurable concentrations of EDB. With the exception of KAFB-10623 EDB concentrations in these wells exceed the EPA MCL. However, the newly installed well KAFB-10625 contained measurable concentrations of EDB at levels just above the EPA MCL (concentrations of 0.06 and 0.059 μg/L relative to the MCL of 0.05 μg/L). All other fuel-related compounds detected are below applicable regulatory standards.

- The PDB sampling in all wells showed good correlation for EDB when present in the samples that were collected. The PDB and low flow sampling in wells 10613 and 10617 also show showed good correlation for EDB. Other VOC constituents such as benzene, toluene, xylenes, and ethylbenzene were detected in low levels in the groundwater samples and low flow samples but were not detected in the PDBs. This could be either due to an insufficient short equilibration time or low level exclusion in the PDB bags. When EDB occurs at high concentrations such as in KAFB-10618 it is positively detected in the PDB samples as well although at lower levels than in the standard purged groundwater samples. Further evaluation of the correlation of results from different sampling methods will be conducted in the second quarter of 2010.

3.4.1.3 Drinking Water Production Wells

- During the 2009 fourth quarter and 2010 first quarter groundwater sampling, no compounds were detected above reporting limits.

- At the VA Hospital well low concentrations of, di-n-octyl phthalate and bis(2-ethylhexyl)phthalate were detected in very low concentrations. Phthalate compounds are not fuel-related and are often observed in samples due to their nature as ubiquitous anthropogenic plasticizer compounds in the environment.

- In the Kirtland AFB production wells KAFB-3, KAFB-15, and KAFB-16 the only potentially fuel-related compound detected was a single, low, estimated concentration of 2-methylnaphthalene at KAFB-15. The detected concentration of 0.071 microgram per liter (mg/L) occurred during the first quarter of 2010. The well KAFB-15 sample from the fourth quarter did not have any detectable

2-methylnaphthalene. (The regulatory level for 2-Methylnaphthalene is 30 mg/l.) Low levels of fuel and oil related compounds have been seen in this and other production wells previously. Kirtland AFB utilizes mineral oil 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. However, all detections are evaluated in the context of the site contaminants of concern and will be further evaluated as merited if trends or other compounds begin to be detected.

- Concentrations of the routinely detected, dissolved metal manganese and dissolved metal iron were present in some wells during the two reporting quarters, although concentrations were below 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 presence of dissolved concentrations of iron and manganese can be an indicator of naturally occurring in-situ biodegradation. 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.

3.4.2 Groundwater Conclusions

The measured groundwater elevations from the fourth quarter of 2009 and the first quarter of 2010 continue to 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 2009, and their relative concentrations, are consistent with previous quarters' sampling data. Data from the new well installed during this reporting period, KAFB-10625, have further supplemented and defined the understanding of the nature and extent of the dissolved-phase constituents in groundwater and appear consistent with expected trends and compounds of concern.

With the installation of KAFB-10625, the boundary of the associated dissolved-phase plume has been further delineated, with further confirmation of plume bounding monitoring points less than MCLs in the downgradient direction to the north for all compounds except EDB. However, the detections of EDB in well KAFB-10625 very slightly exceed the MCL and indicate the downgradient edge of these dissolved phase impacts are nearly delineated. As discussed previously, data from elsewhere at the site indicate that the naturally occurring physical and biological processes are expected to result in dissolved-phase exceedances being fairly self-limiting with distance, moving away from the PSH plume itself. Further delineation of the distal downgradient EDB exceedances was scheduled to be conducted in April 2010.

During the reporting period, the thickness of PSH in the wells ranged from an essentially unmeasurable sheen to approximately 3 feet at locations where active SVE is ongoing. Thicknesses of PSH continue to be present on the water table surface at a total of six well locations (KAFB-1065, KAFB-1066, KAFB-1068, KAFB-1069, KAFB-10610, and KAFB-10614), and the sheen of product at KAFB-10618 observed at installation continues to be reduced to a non detectable thickness.

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4. SUMMARY AND RECOMMENDATIONS

This semi-annual report presents data for the period from October 2009 through May 2010 for three parallel courses of action that are ongoing at the Bulk Fuels Facility site. These activities include the following:

- Ongoing remediation of the vadose zone impacts associated with the ST-106, Former Fuel Offloading Rack portion of the site;
- Interim remedial actions being implemented for SS-111, the portion of the site associated with the PSH impacts to groundwater; and
- Additional site investigation activities related to SS-111.

The Stage 2 Abatement action at the ST-106, Former Fuel Offloading Rack was ongoing throughout this period. The cumulative hydrocarbon recovery for the Former Fuel Offloading Rack SVE system through the end of March 2010 was approximately 177,453 gallons. The SVE system extracted and destroyed a total of 9,195 equivalent gallons of petroleum hydrocarbons during the reporting period. High soil-vapor concentrations 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 historical data, show an overall trend towards slightly decreasing concentrations in the Former Fuel Offloading Rack area. The generally decreasing vapor concentrations, along with additional soil sample data collected this period, suggest that definable remediation of not only the soil vapor plume but also the sorbed fuel mass in the soil is occurring in the rack area.

Interim remediation of PSH on the groundwater through SVE and treatment system operation at the KAFB-1065, KAFB-1066, and KAFB-1068 well locations also continued during this reporting period. These SVE and treatment systems recovered over 28,000 equivalent gallons of fuel directly from the PSH surface on the water table during the reporting period. The cumulative hydrocarbon recovery for the three SS-111 SVE systems through the end of March 2010 was approximately 167,000 gallons. As had been observed in the prior reporting period, the operation in their current configuration of the three SVE systems, along with the fourth SVE system associated with ST-106, results in interference between the systems, as each competes for hydrocarbon fuel vapors in the same general area. To address this issue, the operating set points of the SS-111 interim systems have remained modified as they were in the prior reporting period to allow the systems to operate in a more sustainable mode, without the use of substantial supplemental fuel. Additional data collection is needed to assess the dynamic interaction of the four SVE systems and the overall impact on the subsurface vapor plume.

Additional site investigation activities to further delineate the dissolved-phase impacts to the groundwater were conducted during this reporting period under the NMED-approved *Stage 2 Abatement Plan Modification* and the subsequent November 2009 addendum to that plan. The additional well installation activities in the fourth quarter of 2009 were completed in December 2009. The new well, KAFB-10625, has further delineated the dissolved-phase impacts on the groundwater with further confirmation of plume bounding monitoring points below MCLs in the downgradient direction to the north for all compounds except EDB. The detections of EDB in well KAFB-10625 do slightly exceed the MCL, but indicate the downgradient edge of these dissolved phase impacts is nearly delineated.

During this reporting period, the positively detected dissolved-phase compounds in the existing site groundwater monitoring wells, and their relative concentrations, were generally consistent with previous quarters' sampling data.

Also, the interpreted groundwater flow directions based on the October 2009 and January 2010 data continue to indicate the general groundwater flow direction is to the north-northeast across the site.

Based on data collected and observations made during this reporting period, the following recommendations for continuing investigation and remedial actions at the site are made:

- Continue operation of the Stage 2 Abatement Plan SVE and treatment system at the ST-106, Former Fuel Offloading Rack portion of the site. The operation of the ST-106 Stage 2 Abatement action 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.
- Refine and optimize the combined operational approach for the three SS-111 interim remedial action SVE and treatment systems. Operation of these SVE systems recovered over 28,000 equivalent gallons of fuel during the reporting period which continues to be a fairly high, mass-recovery rate. However the current configuration of the SVE systems is resulting in interference between the systems. As with the operation of the ST-106 Stage 2 Abatement action, the interim remedial actions to address PSH on the groundwater follow a performance-based approach. Continuing data collection and evaluation will lead to additional recommendations to direct operation in the future and consideration should be given to ways to optimize the configuration of the existing SVE systems to minimize or eliminate the interference issue. Operation of the SS-111 interim SVE systems may be modified or superseded by remediation activities that may be put forth in response to the NMED-HWB's April 2, 2010 letter.
- 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 continue to change and data should continue to be evaluated to assess how the changed dynamics impact the overall vapor plume. Vadose zone monitoring activities may be modified or superseded by activities that may be put forth in response to the NMED-HWB's April 2, 2010 letter.
- Further investigation of the dissolved-phase groundwater impacts in the downgradient direction (north of wells KAFB-10621, KAFB-10622, and KAFB 10625) should be conducted through the installation of additional groundwater monitoring wells. Additionally, further understanding of the vertical extent of groundwater impacts below the PSH should be evaluated, as possible, within the body of PSH plume. Specific details regarding additional groundwater investigation and monitoring well installation activities will be directed by work planning documents being prepared in response to the NMED-HWB's April 2, 2010 letter.
- Groundwater sampling for all site groundwater monitoring wells, the VA Medical Center well, and Kirtland AFB production wells KAFB-3, KAFB-15, and KAFB-16 should continue. The passive diffusion bag sampling that occurred in the first quarter of 2010 should be continued to develop a database regarding vertical contaminant distributions and to allow evaluation as an alternate technique to sample EDB and other fuel related compounds in the groundwater. Additionally, ongoing water level measurements and PSH thickness measurements will be collected on a quarterly basis.
- The general recommendations and actions discussed in the bullets above are subject to being modified or superseded by investigation and remediation action put forth in the work planning documents being prepared in response to the NMED-HWB's April 2, 2010 letter.

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APPENDIX A

Summary of SVE System Operation, Maintenance, Repair, and Hydrocarbon Recovery Calculations

SVE AND TREATMENT SYSTEM OPERATION

The operation of the SVE and treatment systems is considered on the basis of hours of operation in the reporting period on an engine by engine basis and also on the number of days in the reporting period at least one system engine was actively extracting vapors from the subsurface. The tables below provide the operational hours for each engine and total days of operation per SVE unit.

Table A-1. SVE Operations Summary, October 2009 through March 2010, Bulk Fuels Facility, (Continued, Page 1 of 3)

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	739.5	99.4%	396.0	53.2%
November	720.0	697.1	96.8%	39.3	5.5%
December	744.0	743.0	99.9%	25.9	3.5%
Oct-Dec 2009 total	2208.0	2179.6	98.7%	461.2	20.9%
January	744.0	254.1	34.2%	0.0	0.0%
February	672.0	253.7	37.7%	0.0	0.0%
March	744.0	678.3	91.2%	0.0	0.0%
Jan-Mar 2010 total	2160.0	1186.1	54.9%	0.0	0.0%

	Former Fuel Offloading Rack SVE System		
Operational Period	Total Days in Period	Days of Active Operation	Percent Operational
Oct 2009 to March 2010	182	140	76.9%

Table A-1. SVE Operations Summary, October 2009 through March 2010, Bulk Fuels Facility, (Continued, Page 2 of 3)

Operational Period	Hours in Period	KAFB-1065 SVE System			
		Operational Hours	Percent Operational	Operational Hours	Percent Operational
		Engine 1		Engine 2	
October	744.0	490.6	65.9%	380.5	51.1%
November	720.0	426.4	59.2%	715.3	99.4%
December	744.0	151.5	20.4%	742.1	99.7%
Oct-Dec 2009 total	2208.0	1068.5	48.4%	1838.0	83.2%
January	744.0	452.6	60.8%	564.8	75.9%
February	672.0	549.3	81.7%	577.9	86.0%
March	744.0	377.0	50.7%	427.8	57.5%
Jan-Mar 2010 total	2160.0	1378.9	63.8%	1570.5	72.7%

	KAFB-1065 SVE System		
Operational Period	Total Days in Period	Days of Active Operation	Percent Operational
Oct 2009 to March 2010	182	157	86.3%

Operational Period	Hours in Period	KAFB-1066 SVE System			
		Operational Hours	Percent Operational	Operational Hours	Percent Operational
		Engine 1		Engine 2	
October	744.0	579.8	77.9%	579.8	77.9%
November	720.0	376.9	52.3%	377.9	52.5%
December	744.0	68.5	9.2%	69.5	9.3%
Oct-Dec 2009 total	2208.0	1025.2	46.4%	1027.2	46.5%
January	744.0	121.6	16.3%	121.5	16.3%
February	672.0	14.5	2.2%	10.5	1.6%
March	744.0	0.0	0.0%	0.0	0.0%
Jan-Mar 2010 total	2160.0	136.1	6.3%	132.0	6.1%

	KAFB-1066 SVE System		
Operational Period	Total Days in Period	Days of Active Operation	Percent Operational
Oct 2009 to March 2010	182	65	35.7%

Table A-1. SVE Operations Summary, October 2009 through March 2010, Bulk Fuels Facility, (Concluded, Page 3 of 3)

Operational Period	Hours in Period	KAFB-1068 SVE System			
		Operational Hours	Percent Operational	Operational Hours	Percent Operational
		Engine 1		Engine 2	
October	744.0	543.5	73.1%	383.3	51.5%
November	720.0	398.4	55.3%	481.5	66.9%
December	744.0	214.4	28.8%	264.0	35.5%
Oct-Dec 2009 total	2208.0	1156.3	52.4%	1128.8	51.1%
January	744.0	392.4	52.7%	324.3	43.6%
February	672.0	0.2	0.0%	199.8	29.7%
March	744.0	161.3	21.7%	83.0	11.2%
Jan-Mar 2010 total	2160.0	553.9	25.6%	607.1	28.1%

	KAFB-1068 SVE System		
Operational Period	Total Days in Period	Days of Active Operation	Percent Operational
Oct 2009 to March 2010	182	91	50.0%

SVE AND TREATMENT SYSTEM MAINTENANCE AND REPAIR SUMMARY

The primary maintenance interval for the SVE and treatment systems 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. The propane tank for each SVE system is also 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 biweekly or monthly maintenance activities, there are other tasks which are still considered planned maintenance activities although they are required on a less frequent basis. Such tasks may be performed during any reporting period and include things such as other fluid changes or battery, carburetor, spark plug wire replacements.

During this reporting period, in addition to the standard biweekly and monthly planned maintenance activities, the following maintenance or repairs were performed for the various SVE and treatment systems that are operating at the Bulk Fuels Facility.

For the ST-106, Former Fuel Offloading Rack SVE and treatment system associated with the Stage 2 Abatement action the following maintenance and repair activities were conducted:

- Replaced E2 carburetor.
- Replaced E1 and E2 flame arrestors.
- Cleaned E1 carburetor.
- Removed E2 excess carbon deposits.

For the KAFB-1065 SVE and treatment system operating as an interim remedial action for SS-111, following maintenance and repair activities were conducted:

- Replaced E1 and E2 hydraulic oil filters.
- Replaced E1 battery.
- Replaced E1 alternator.
- Replaced E1 carburetor.
- Replaced E1 moisture separator shut-off switch.
- Disabled E1 and E2 lower explosive limit (LEL) sensor.
- Replaced E1 and E2 spark plug wires.
- Replaced E2 alternator.

For the KAFB-1066 SVE and treatment system operating as an interim remedial action for SS-111, following maintenance and repair activities were conducted:

- Disabled E1 and E2 LEL sensor.
- Replaced E1 water pump.
- Repaired E1 post catalytic convertor temperature probe wire.
- Replaced E1 and E2 catalytic convertors.

- Replaced E1 spark plug wires.
- Replaced E2 alternator.
- Replaced E1 and E2 distributor cap and rotor.
- Attempted chemical removal of E1 and E2 excess carbon deposits.

For the KAFB-1068 SVE and treatment system operating as an interim remedial action for SS-111, following maintenance and repair activities were conducted:

- Replaced E2 carburetor.
- Replaced E2 alternator.
- Replaced E1 carburetor
- Rebuilt E1 propane vaporizer.
- Replaced E2 distributor cap and rotor.
- Replaced E2 ignition coil and ignition module.

The SVE systems' maintenance, downtime, and upset condition information is summarized in tabular format as Table A-2.

Table A-2. Quarterly SVE System Maintenance and Down Time Summary, Fourth Quarter 2009 and First Quarter 2010, Bulk Fuels Facility (Continued, Page 1 of 3)

Month	Fuel Rack SVE System Maintenance and System Down Time
October	10/6 carburetor replace on E2 10/8 routine maintenance, and replaced flame arrestors 10/22 routine maintenance
November	11/5 E1 routine maintenance. 11/6 cleaned E1 carburetor 11/19 E1 routine maintenance, and removed E2 excess carbon deposits.
December	12/17 E1 routine maintenance
January	1/6 E1 routine maintenance 1/11 system shut down, removed inlet hoses for use at 1065
February	2/18 hoses returned to system, E1 restarted
March	3/9 E1 routine maintenance 3/29 system shut down to establish sub-surface equilibrium

Table A-2. Quarterly SVE System Maintenance and Down Time Summary, Fourth Quarter 2009 and First Quarter 2010, Bulk Fuels Facility (Continued, Page 2 of 3)

Month	1065 SVE System Maintenance and Down Time
October	10/8 routine maintenance. 10/22 replaced hydraulic oil filters. 10/22 replaced E1 alternator and battery.
November	11/5 routine maintenance 11/11 replaced E1 carburetor. 11/19 E1 routine maintenance
December	12/17 routine maintenance
January	1/6 E2 routine maintenance, shut down system, removed inlet hose for use at 1068 1/11 replaced E1 moisture separator shut-off switch, restarted system using ST-106 inlet hose 1/21 E1 routine maintenance
February	2/1 E2 routine maintenance 2/4 disabled LEL sensors
March	3/1 routine maintenance 3/23 routine maintenance, replaced E1 and E2 spark plug wires, and replaced E2 alternator 3/29 system shut down to establish sub-surface equilibrium
Month	**1066 SVE System Maintenance and System Down Time**
October	10/9 disabled LEL sensors, and routine maintenance 10/22 routine maintenance
November	11/5 E1 routine maintenance 11/19 routine maintenance
December	12/10 replaced E1 water pump
January	1/6 shut down system, removed inlet hose for use at 1068 1/14 reinstalled inlet hose and restarted system 1/26 connected 1065 and 1068 inlet hoses in line with inlet hose, repaired E1 post catalytic convertor temperature probe wire
February	2/1 routine maintenance, replaced catalytic convertors, E1 spark plug wires, E2 alternator, E1 and E2 distributor cap, and E1 and E2 rotor 2/2-2/3 performed preliminary emissions testing on both engines loaded and unloaded 2/10 returned inlet hose to 1068 2/12 performed compression test, and attempted chemical removal of excess carbon deposits
March	system not operational

Table A-2. Quarterly SVE System Maintenance and Down Time Summary, Fourth Quarter 2009 and First Quarter 2010, Bulk Fuels Facility (Concluded, Page 3 of 3)

Month	1068 SVE System Maintenance and System Down Time
October	10/8 routine maintenance 10/14 replaced E2 alternator 10/22 routine maintenance 10/28 replaced E2 carburetor
November	11/5 E1 routine maintenance 11/19 E1 routine maintenance
December	12/17 E1 routine maintenance
January	1/6 installed 1065 and 1066 inlet hoses in line with existing inlet hose 1/21 routine maintenance 1/25 shut down system, removed inlet hoses for use at 1066
February	2/10 reinstalled inlet hose and restarted E2 2/18 replaced E1 carburetor
March	3/9 rebuilt E1 propane vaporizer 3/10 replaced E2 distributor cap, rotor, plug wires, and ignition coil 3/12 replaced E2 ignition module 3/29 system shut down to establish sub-surface equilibrium

SVE and Treatment System Hydrocarbon Recovery Calculations

As part of the ongoing Stage 2 Abatement action for ST-106 and the interim remedial actions for SS-111 vapor samples from the SVE and treatment systems' inlets and exhausts are regularly 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). 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 paragraphs below describe the basic equations and constants that are used, along with the Horiba field measurements, to calculate total hydrocarbon recovery volumes.

For the SVE and treatment system associated with the Stage 2 Abatement action at ST-106 the Horiba-measured influent hydrocarbon vapor concentration is used along with the molecular weight of the influent vapor stream, the gas constant , and the standard temperature to calculate the vapor concentration (C) in kilogram per cubic meter (kg/m^3). 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)

The measured well gas inlet flow rate (m^3/hr) and hours of operation are then used to calculate recovered mass. 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)

The recovered mass is then converted to equivalent gallons. The hydrocarbon recovery is calculated for each engine, and cumulatively summed over the operational period.

As an example, the mass (kilograms [kg]) of recovered hydrocarbons for engine E1 during a given period can be calculated using the measured influent vapor concentration from a measurement date in that period (such as 32,400 ppmv), the well-gas inlet flow rate (such as 74.8 cubic meters per hour [m^3/hr]), the engine E1 operational hours during the period (539.9 hours), and the constants defined above as follows:

$$C = \frac{\left(32{,}400 \times 10^{-6}\right) \times 98}{0.0821 \times 290} = 0.075 \text{ kg/m}^3$$

$$M = (0.075)\ (74.9)\ (539.9) = 3{,}058 \text{ kg}$$

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:

$$\text{Volume (gallons)} = (3{,}058\ \text{kg}) \times \frac{2.205\ \text{pounds}}{1\ \text{kg}} \times \frac{1\ \text{gallon}}{6\ \text{pounds}} = 1{,}124\ \text{gallons}$$

The SVE and treatment systems at wells KAFB-1065, KAFB-1066, and KAFB-1068 have on-board telemetry that allows remote downloads of the SVE system data. The data that can be downloaded include the systems' running calculation of hydrocarbon recovery volumes that are made using the same basic equations outlined above. The downloaded recovery amounts of reported for these systems.

SVE and Treatment System Destruction Removal Efficiency

The analytical data from the SVE system influent and exhaust streams provide information on the nature of subsurface vapor compounds and are an indicator of system performance as it relates to destruction efficiency. The destructive removal efficiency (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.

The DRE calculations can be made using the laboratory-measured combined vapor inlet and average exhaust TPH concentrations and the Horiba field sampling results for the SVE influent vapor stream and the average post-catalytic converter exhaust stream. Specific calculations for the laboratory-measured samples are provided in the text of Section 2. The calculated DREs based on the Horiba field measurements are presented in the text of Section 2 although each calculation is not shown within the text. The Horiba measurements used for the DRE calculations are presented below in Table A-3.

Table A-3. SVE System Inlet and Exhaust Field Measurements, Fourth Quarter 2009 and First Quarter 2010, Bulk Fuels Facility (Continued, Page 1 of 4)

Location	Sample	Pressure	CO	CO_2	O_2	HC
ST106 Vapor Treatment Influent	10/30/09	-18.00	0.02	5.22	13.83	29,700
ST106 Vapor Treatment Influent	11/11/09	-14.5	0.02	5.12	13.55	25,110
ST106 Vapor Treatment Influent	12/9/09	-14.5	0.02	5.66	13.09	28,260
ST106 Vapor Treatment Influent	1/15/10	System not operating				
ST106 Vapor Treatment Influent	2/18/10	-9	0.00	7.38	8.94	29,790
ST106 Vapor Treatment Influent	3/15/10	--	0.01	5.72	13.47	26,550
ST106 E1 Pre Cat A	10/30/09	14.00	0.45	12.56	1.78	296
ST106 E1 Pre Cat A	11/11/09	9.5	0.56	12.86	1.95	213
ST106 E1 Pre Cat A	12/9/09	0.60	0.48	12.62	1.93	232
ST106 E1 Pre Cat A	1/15/10	System not operating				
ST106 E1 Pre Cat A	2/18/10	0.79	0.72	12.16	1.82	509
ST106 E1 Pre Cat A	3/15/10	--	0.62	12.10	2.57	466
ST106 E1 Pre Cat B	10/30/09	13.00	0.46	12.37	1.89	288
ST106 E1 Pre Cat B	11/11/09	10.0	0.64	12.54	2.33	588
ST106 E1 Pre Cat B	12/9/09	8.0	0.53	12.82	1.65	217
ST106 E1 Pre Cat B	1/15/10	System not operating				
ST106 E1 Pre Cat B	2/18/10	Couldn't collect sample, port blocked				
ST106 E1 Pre Cat B	3/15/10	no flow, not able to sample				
ST106 E1 Post Cat	10/30/09	0.59	0.00	5.40	13.37	13
ST106 E1 Post Cat	11/11/09	0.64	0.03	6.08	13.58	29
ST106 E1 Post Cat	12/9/09	10.0	0.00	6.02	12.68	28
ST106 E1 Post Cat	1/15/10	System not operating				
ST106 E1 Post Cat	2/18/10	11	0.00	4.72	14.07	137
ST106 E1 Post Cat	3/15/10	--	0.03	5.74	14.04	35
ST106 E2 Pre Cat A	10/30/09	Engine not operating				
ST106 E2 Pre Cat A	11/11/09	Engine not operating				
ST106 E2 Pre Cat A	12/9/09	Engine not operating				
ST106 E2 Pre Cat A	1/15/10	Engine not operating				
ST106 E2 Pre Cat A	2/18/10	System not operating				
ST106 E2 Pre Cat A	3/15/10	System not operating				
ST106 E2 Pre Cat B	10/30/09	Engine not operating				
ST106 E2 Pre Cat B	11/11/09	Engine not operating				
ST106 E2 Pre Cat B	12/9/09	Engine not operating				
ST106 E2 Pre Cat B	1/15/10	Engine not operating				
ST106 E2 Pre Cat B	2/18/10	System not operating				
ST106 E2 Pre Cat B	3/15/10	System not operating				
ST106 E2 Post Cat	10/30/09	Engine not operating				
ST106 E2 Post Cat	11/11/09	Engine not operating				
ST106 E2 Post Cat	12/9/09	Engine not operating				
ST106 E2 Post Cat	1/15/10	Engine not operating				

Table A-3. SVE System Inlet and Exhaust Field Measurements, Fourth Quarter 2009 and First Quarter 2010, Bulk Fuels Facility (Continued, Page 2 of 3)

Location	Sample	Pressure	CO	CO_2	O_2	HC
ST106 E2 Post Cat	2/18/10	System not operating				
ST106 E2 Post Cat	3/15/10	System not operating				
SVE-1065 E1 Pre Cat A	10/30/09	13.00	0.66	11.40	2.08	667
SVE-1065 E1 Pre Cat A	11/11/09	7	0.43	12.08	1.61	174
SVE-1065 E1 Pre Cat A	12/30/09	Engine not operating				
SVE-1065 E1 Pre Cat A	1/15/10	8.0	0.57	11.18	2.42	560
SVE-1065 E1 Pre Cat A	2/18/10	7.5	0.54	11.26	2.86	312
SVE-1065 E1 Pre Cat A	3/15/10	System not operating				
SVE-1065 E1 Pre Cat B	10/30/09	8.50	0.71	10.28	3.96	1,660
SVE-1065 E1 Pre Cat B	11/11/09	7	0.45	11.64	2.29	106
SVE-1065 E1 Pre Cat B	12/30/09	Engine not operating				
SVE-1065 E1 Pre Cat B	1/15/10	7.0	0.68	10.46	3.49	1,193
SVE-1065 E1 Pre Cat B	2/18/10	5.5	0.63	10.88	3.43	825
SVE-1065 E1 Pre Cat B	3/15/10	System not operating				
SVE-1065 E1 Post Cat	10/30/09	1.50	0.72	11.28	2.24	1,113
SVE-1065 E1 Post Cat	11/11/09	1.5	0.47	12.40	0.98	168
SVE-1065 E1 Post Cat	12/30/09	Engine not operating				
SVE-1065 E1 Post Cat	1/15/10	1.0	0.67	11.36	1.95	1,041
SVE-1065 E1 Post Cat	2/18/10	1.2	0.63	11.64	2.18	644
SVE-1065 E1 Post Cat	3/15/10	System not operating				
SVE-1065 E2 Pre Cat A	10/30/09	3.00	0.33	10.82	3.96	89
SVE-1065 E2 Pre Cat A	11/11/09	6	0.65	11.10	2.71	845
SVE-1065 E2 Pre Cat A	12/30/09		0.94	10.06	3.74	1,903
SVE-1065 E2 Pre Cat A	1/15/10	6.5	0.49	11.36	2.27	309
SVE-1065 E2 Pre Cat A	2/18/10	6.0	0.49	11.54	2.42	163
SVE-1065 E2 Pre Cat A	3/15/10	System not operating				
SVE-1065 E2 Pre Cat B	10/30/09	1.50	0.36	12.50	1.19	85
SVE-1065 E2 Pre Cat B	11/11/09	5.5	0.64	11.32	2.37	736
SVE-1065 E2 Pre Cat B	12/30/09		0.86	10.72	2.76	1,253
SVE-1065 E2 Pre Cat B	1/15/10	5.0	0.49	11.60	1.95	257
SVE-1065 E2 Pre Cat B	2/18/10	4.0	0.42	11.74	2.20	160
SVE-1065 E2 Pre Cat B	3/15/10	System not operating				
SVE-1065 E2 Post Cat	10/30/09	0.62	0.38	12.18	1.66	107
SVE-1065 E2 Post Cat	11/11/09	1.2	0.66	11.22	2.47	686
SVE-1065 E2 Post Cat	12/30/09		0.93	10.64	2.79	1,430
SVE-1065 E2 Post Cat	1/15/10	3.0	0.51	11.70	1.66	299
SVE-1065 E2 Post Cat	2/18/10	1.5	0.49	12.10	1.50	162
SVE-1065 E2 Post Cat	3/15/10	System not operating				
SVE-1068 Vapor Treatment Influent	10/30/09	-18.00	0.01	2.28	14.16	27,450
SVE-1068 Vapor Treatment Influent	11/11/09	-19.1	0.02	2.42	13.54	22,050
SVE-1068 Vapor Treatment Influent	12/30/09		0.00	2.30	14.06	19,530
SVE-1068 Vapor Treatment Influent	1/15/10	-7.0	0.00	0.56	19.63	3,970

Table A-3. SVE System Inlet and Exhaust Field Measurements, Fourth Quarter 2009 and First Quarter 2010, Bulk Fuels Facility (Continued, Page 3 of 4)

Location	Sample	Pressure	CO	CO_2	O_2	HC
SVE-1068 Vapor Treatment Influent	2/19/10	-9.0	0.00	2.10	14.37	21,060
SVE-1068 Vapor Treatment Influent	3/15/10	System not operating				
SVE-1068 E1 Pre Cat A	10/30/09	8.00	0.98	9.44	3.36	2,070
SVE-1068 E1 Pre Cat A	11/11/09	9.0	1.03	9.24	3.36	1,869
SVE-1068 E1 Pre Cat A	12/30/09		0.28	10.22	5.47	31
SVE-1068 E1 Pre Cat A	1/15/10	3.5	0.34	11.46	3.19	48
SVE-1068 E1 Pre Cat A	2/19/10	Engine not operating				
SVE-1068 E1 Pre Cat A	3/15/10	System not operating				
SVE-1068 E1 Pre Cat B	10/30/09	8.00	0.94	8.96	4.08	2,190
SVE-1068 E1 Pre Cat B	11/11/09	7.0	1.06	9.34	3.18	1,456
SVE-1068 E1 Pre Cat B	12/30/09		0.25	10.30	5.25	34
SVE-1068 E1 Pre Cat B	1/15/10	3.0	0.25	9.06	7.04	52
SVE-1068 E1 Pre Cat B	2/19/10	Engine not operating				
SVE-1068 E1 Pre Cat B	3/15/10	System not operating				
SVE-1068 E1 Post Cat	10/30/09	0.90	0.74	9.74	2.86	1,072
SVE-1068 E1 Post Cat	11/11/09	0.84	1.06	9.86	2.16	1,661
SVE-1068 E1 Post Cat	12/30/09		0.32	12.76	1.39	38
SVE-1068 E1 Post Cat	1/15/10	0.6	0.38	12.66	1.32	66
SVE-1068 E1 Post Cat	2/19/10	Engine not operating				
SVE-1068 E1 Post Cat	3/15/10	System not operating				
SVE-1068 E2 Pre Cat A	10/30/09	7.00	0.65	10.84	1.72	464
SVE-1068 E2 Pre Cat A	11/11/09	8.0	0.74	9.86	2.90	938
SVE-1068 E2 Pre Cat A	12/30/09		0.63	9.98	2.60	688
SVE-1068 E2 Pre Cat A	1/15/10	4.0	0.32	10.00	5.60	30
SVE-1068 E2 Pre Cat A	2/19/10	10	0.97	9.34	3.65	1,572
SVE-1068 E2 Pre Cat A	3/15/10	System not operating				
SVE-1068 E2 Pre Cat B	10/30/09	7.00	0.68	10.18	2.73	772
SVE-1068 E2 Pre Cat B	11/11/09	7.5	0.71	10.36	2.08	672
SVE-1068 E2 Pre Cat B	12/30/09		0.67	10.16	2.34	673
SVE-1068 E2 Pre Cat B	1/15/10	3.0	0.29	9.16	7.00	58
SVE-1068 E2 Pre Cat B	2/19/10	10	0.98	9.66	3.16	1,084
SVE-1068 E2 Pre Cat B	3/15/10	System not operating				
SVE-1068 E2 Post Cat	10/30/09	0.70	0.58	11.08	1.42	535
SVE-1068 E2 Post Cat	11/11/09	0.80	0.70	10.62	1.60	696
SVE-1068 E2 Post Cat	12/30/09		0.59	10.50	1.78	582
SVE-1068 E2 Post Cat	1/15/10	1.5	0.43	12.76	1.18	58
SVE-1068 E2 Post Cat	2/19/10	1.1	0.26	10.70	2.19	1,053
SVE-1068 E2 Post Cat	3/15/10	System not operating				
SVE-1066 Vapor Treatment Influent	10/30/09	-13.30	0.01	4.90	11.00	60,840
SVE-1066 Vapor Treatment Influent	11/11/09	-12.5	0.00	4.84	10.92	53,190
SVE-1066 Vapor Treatment Influent	12/30/09	System not operating				

Table A-3. SVE System Inlet and Exhaust Field Measurements, Fourth Quarter 2009 and First Quarter 2010, Bulk Fuels Facility (Concluded, Page 4 of 4)

Location	Sample	Pressure	CO	CO_2	O_2	HC
SVE-1066 Vapor Treatment Influent	1/15/10	-16.0	0.01	4.90	10.74	54,360
SVE-1066 Vapor Treatment Influent	2/18/10	System not operating				
SVE-1066 Vapor Treatment Influent	3/15/10	System not operating				
SVE-1066 E1 Pre Cat A	10/30/09	10.00	0.34	12.46	1.02	145
SVE-1066 E1 Pre Cat A	11/11/09	9.0	0.26	12.52	1.17	93
SVE-1066 E1 Pre Cat A	12/30/09	System not operating				
SVE-1066 E1 Pre Cat A	1/15/10	11.0	0.36	12.04	1.27	117
SVE-1066 E1 Pre Cat A	2/18/10	System not operating				
SVE-1066 E1 Pre Cat A	3/15/10	System not operating				
SVE-1066 E1 Pre Cat B	10/30/09	9.00	0.37	9.20	6.35	3,310
SVE-1066 E1 Pre Cat B	11/11/09	8.0	0.28	9.36	6.32	2,880
SVE-1066 E1 Pre Cat B	12/30/09	System not operating				
SVE-1066 E1 Pre Cat B	1/15/10	9.5	0.31	8.46	7.25	3,590
SVE-1066 E1 Pre Cat B	2/18/10	System not operating				
SVE-1066 E1 Pre Cat B	3/15/10	System not operating				
SVE-1066 E1 Post Cat	10/30/09	1.00	0.33	11.64	2.38	1,350
SVE-1066 E1 Post Cat	11/11/09	0.70	0.30	11.68	2.50	1,152
SVE-1066 E1 Post Cat	12/30/09	System not operating				
SVE-1066 E1 Post Cat	1/15/10	1.5	0.30	11.04	3.09	1,835
SVE-1066 E1 Post Cat	2/18/10	System not operating				
SVE-1066 E1 Post Cat	3/15/10	System not operating				
SVE-1066 E2 Pre Cat A	10/30/09	22.00	0.30	11.84	1.96	1,095
SVE-1066 E2 Pre Cat A	11/11/09	21.0	0.32	12.44	1.05	322
SVE-1066 E2 Pre Cat A	12/30/09	System not operating				
SVE-1066 E2 Pre Cat A	1/15/10	29.0	0.47	11.72	1.64	743
SVE-1066 E2 Pre Cat A	2/18/10	System not operating				
SVE-1066 E2 Pre Cat A	3/15/10	System not operating				
SVE-1066 E2 Pre Cat B	10/30/09	24.00	0.29	12.10	1.86	270
SVE-1066 E2 Pre Cat B	11/11/09	23.0	0.29	11.82	2.17	1,039
SVE-1066 E2 Pre Cat B	12/30/09	System not operating				
SVE-1066 E2 Pre Cat B	1/15/10	29.0	0.45	11.84	1.55	620
SVE-1066 E2 Pre Cat B	2/18/10	System not operating				
SVE-1066 E2 Pre Cat B	3/15/10	System not operating				
SVE-1066 E2 Post Cat	10/30/09	1.00	0.32	12.14	1.43	558
SVE-1066 E2 Post Cat	11/11/09	0.90	0.32	11.78	2.23	650
SVE-1066 E2 Post Cat	12/30/09	System not operating				
SVE-1066 E2 Post Cat	1/15/10	1.5	0.45	11.74	1.63	621
SVE-1066 E2 Post Cat	2/18/10	System not operating				
SVE-1066 E2 Post Cat	3/15/10	System not operating				

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ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
AWWA	American Water Works Association
CCV	continuing calibration verification
CCB	continuing calibration blank
%D	percent difference
DQE	data quality evaluation
EB	equipment blank
EPA	Environmental Protection Agency
FD	field duplicate
ICB	initial calibration blank
LCS	laboratory control spike
LCSD	laboratory control spike duplicate
MS	matrix spike
MSD	matrix spike duplicate
NFG	National Functional Guidelines
PAH	polyaromatic hydrocarbon
PARCC	precision, accuracy, representativeness, comparability, and completeness
PDF	Portable Document Format
QAPP	quality assurance project plan
QC	quality control
%R	percent recovery
RL	reporting limit
RPD	relative percent difference
SVOC	semivolatile organic compounds
TB	trip blank
TPH	total petroleum hydrocarbons
USAF	U.S. Air Force
VOC	volatile organic compounds

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B1.0 INTRODUCTION

This data quality evaluation (DQE) report presents the analytical results for groundwater and vapor samples collected from the Bulk Fuels Facility area at Kirtland Air Force Base (AFB), New Mexico. Groundwater and vapor samples were collected from October 2009 through March 2010. Guidance for this DQE report came from the *Kirtland AFB Bulk Fuels Facility Quality Assurance Project Plan (ST-106 QAPP)* (U.S. Air Force [USAF], 2009), the *Kirtland AFB Environmental Restoration Program Base-Wide Quality Assurance Project Plan (QAPP) (*USAF, 2004), the *U.S. Environmental Protection Agency (EPA) Contract Laboratory National Functional Guidelines (NFG) for Organic Review* (EPA, 1999a), the *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.

B1.1 Analytical Data

This DQE report covers the following samples:

- 85 groundwater samples, 8 field duplicates (FD), 2 equipment blanks (EB) and 21 trip blanks (TB) reported in 27 samples delivery groups identified in Table B-1. The samples were collected and delivered to PEL, Inc. in Tampa, Florida.

- 12 vapors samples reported in 4 samples delivery groups identified in Table B-1. The samples were collected and delivered to Applied Sciences Laboratory (ASL) in Corvallis, Oregon.

The samples were analyzed by one or more of the methods listed in Table B-2. Due to the size of the data tables, all tables are located on the compact disk provided with this report. The tables are presented in portable document format (PDF); the PDF files are searchable to allow for easy access to the data.

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/LSCD); (6) surrogate spike recoveries; (7) matrix spike/matrix spike duplicate samples (MS/MSD); (8) FD precision; (9) internal standard recoveries; 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 B-3.

B2.0 DATA VERIFICATION RESULTS FOR GROUNDWATER SAMPLES

B2.1 Completeness Evaluation

B2.1.1 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.

B2.1.2 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 groundwater 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 4-methylphenol, benzidine, benzoic acid, and phenol which were rejected for project use in several samples associated with the semivolatile organic compound (SVOC) method. The completeness goal of 95 percent was met for all method and analyte combinations with the exception of benzidine (51 percent) and benzoic acid (89 percent). The groundwater analytical results are listed in Table B-4.

B2.2 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.

B2.2.1 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 with the following exceptions:

The holding-time criterion of 48 hours for nitrate by method E300 was exceeded for multiple samples by several days. The data were qualified as estimated detected and non-detected results and flagged “J” and “UJ”, respectively, in the associated samples.

The analytical holding-time criterion of 14 days for 1,2-dibromoethane was exceeded by one or two days for several samples. The data were qualified as estimated detected and non-detected results and flagged "J" and "UJ" respectively, in the samples.

The preparation holding-time criterion of seven days for benzoic acid was exceeded by several days in a few samples. The samples were initially analyzed within holding time; however, due to surrogate and/or LCS failures, the samples were re-extracted out of holding time. The data were qualified as estimated non-detected results and flagged "UJ" in the associated samples.

The sample holding times for groundwater analyses are listed in Table B-5.

B2.2.2 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 was detected at concentrations less than the reporting limit (RL) in several method blanks associated with the metals analysis. The data were qualified as not detected, raised to the RL and flagged "U" when the associated sample concentrations were less than five times the concentration detected in the blanks.

Total petroleum hydrocarbons (TPH) (C10-C28) were detected at concentrations less than the RL in several method blanks associated with Method SW8015-E. The data were qualified as not detected, raised to the RL and flagged "U" when the associated sample concentrations were less than five times the concentrations detected in the blanks.

Several analytes were detected at concentrations less than the RL in several method blanks associated with the polyaromatic hydrocarbon (PAH) analysis. The data were qualified as not detected, raised to the RL and flagged "U" when the associated sample concentrations were less than five times the concentrations detected in the blanks.

Nitrate was detected at a concentration less than the RL in a few method blanks associated with Method E353.2. The data were qualified as not detected, raised to the RL and flagged "U" when the associated sample concentrations were less than five times the concentration detected in the blanks.

The results of the groundwater method blank analyses are presented in Table B-6.

B2.2.3 Field Blank Samples

TBs and EBs were collected, analyzed, and were free of contamination with the following exceptions.

Bromoform and/or dibromochloromethane were detected at concentrations greater than the RL in one TB and EB associated with the volatile organic compounds (VOC) analysis. In addition, several analytes were detected at concentrations less than the RL in the EBs and/or TBs. The data were qualified as not detected and flagged "U" when the associated sample concentrations were less than five times (ten times for common laboratory contaminants) the concentrations detected in the blanks.

Bis(2-ethylhexyl)phthalate was detected at a concentration less than the RL in one EB associated with the SVOC analysis. The data were qualified as not detected and flagged "U" when the associated sample concentrations were less than ten times the concentrations detected in the blank.

Several analytes were detected at concentrations less than the RL in one EB associated with the PAH analysis. The data were qualified as not detected and flagged "U" when the associated sample concentrations were less than five times the concentrations detected in the blank.

TPH (C10-C28) was detected at a concentration less than the RL in the EBs associated with Method SW8015-E. The data were qualified as not detected and flagged "U" when the associated sample concentrations were less than five times the concentrations detected in the blanks.

The results of the EB and TB analyses are presented in Table B-6.

B2.3 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.

B2.3.1 Calibration

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

The percent difference (%D) for benzo(g,h,i)perylene was less than the method criteria in one continuing calibration verification (CCV) associated with the SVOC analysis, indicating a possible low bias. The data were qualified as estimated non-detected results and flagged "UJ" in the associated samples. In addition, the %D for benzo(g,h,i)perylene, dibenzo(a,h)anthracene and/or benzoic acid was greater than method criteria in several CCVs associated with the SVOC analysis, indicating a possible high bias. Detected results were qualified as estimated and flagged "J" in the samples. Non-detected results were not qualified.

The %D for benzo(g,h,i)perylene and benzo(a)pyrene was greater than the method criteria in several CCVs associated with the PAH analysis, indicating a possible high bias. The data were not qualified because the associated samples did not contain reportable levels of these analytes.

The %D for TPH (C6-C10) was greater than method criteria in one CCV associated with Method SW8015-P. Detected results were qualified as estimated and flagged "J" in the samples. Non-detected results were not qualified.

Dissolved iron was detected at concentrations less than the RL in several initial calibration blanks (ICB) and continuing calibration blanks (CCB) associated with the metals analysis. The data were qualified as not detected, raised to the RL and flagged "U" when the associated sample concentrations were less than five times the concentrations detected in the blanks. In addition, there was one instance where dissolved iron was detected at a negative concentration in the CCB. The associated result was qualified as estimated and flagged "J" because the sample concentration was less than the absolute value of the blank.

Nitrate was detected at a concentration less than the RL in one CCB associated with Method E353.2. The data were qualified as not detected, raised to the RL and flagged "U" when the sample concentrations were less than five times the concentration detected in the blank. In addition, there were a few instances where nitrate was detected at a negative concentration in either the ICB or CCB. The associated results were qualified as estimated and flagged "J" and "UJ" when the sample concentration was less than the absolute value of the blank.

B2.3.2 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 recovery of 1,2,3-trichloropropane was less than the lower control limits in one VOC LCS/LCSD, indicating a possible low bias. The data were qualified as estimated non-detected results and flagged "UJ" in the associated samples. In addition, several analytes were recovered greater than the upper control limits in a few VOC LCS/LCSDs, indicating a possible high bias. Detected results were qualified as estimated and flagged "J" in the associated samples. Non-detected results were not qualified.

Several analytes were recovered less than the lower control limits in a few SVOC LCS/LCSDs, indicating a possible low bias. The data were qualified as estimated detected and non-detected results and flagged "J" and "UJ", respectively, in the associated samples. In addition, several analytes were recovered greater than the upper control limits in several LCS/LCSDs, indicating a possible high bias. Detected results were qualified as estimated and flagged "J" in the associated samples. Non-detected results were not qualified.

Benzidine and benzoic acid were not recovered in several SVOC LCS/LCSDs, indicating the samples may be significantly biased low. The data were rejected for project use and flagged "R" in the associated samples.

Multiple analytes were recovered less than the lower control limits in several LCSs associated with the PAH analysis. The data were qualified as estimated detected and non-detected results and flagged "J" and "UJ" respectively, in the associated samples.

Nitrate was recovered less than the lower control limits in one LCS associated with Method E300. One associated non-detected result was qualified as estimated and flagged "UJ" in the sample.

The groundwater LCS/LCSD results are presented in Table B-7.

B2.3.3 Internal Standards

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

B2.3.4 Surrogate Samples

Surrogates were added to all samples for the methods requiring their use. The QC acceptance criteria were met with the following exceptions.

The surrogate associated with Method SW8011 was recovered less than the lower control limit in sample ST106-GW-10617-16102009, indicating a possible low bias. One result was qualified as an estimated detect and flagged "J" in the sample. In addition, there were several instances where the surrogate was recovered greater than the upper control limit, indicating a possible high bias. Detected results were qualified as estimated and flagged "J". Non-detected results were not qualified.

The surrogate associated with the TPH (C10-C28) analysis was recovered less than the lower control limits in samples ST106-GW-10624-19102009 and ST106-GW-10625-12112009, indicating a possible low bias. The results were qualified as estimated detected results and flagged "J" in the samples. In addition, there were several instances where the surrogate was recovered greater than the upper control limit, indicating a possible high bias. Detected results were qualified as estimated and flagged "J". Non-detected results were not qualified.

One surrogate associated with the PAH analysis was recovered less than the lower control limits in samples ST106-GW-10621-14102009 and ST106-GW-2819RC-13012010, indicating a possible low bias. The data were qualified as estimated detected and non-detected results and flagged "J" and "UJ", respectively, in the samples.

B2.3.5 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. The MS/MSD samples were analyzed as required and generally met acceptance criteria with the following exceptions.

Several analytes were recovered greater than upper control limits in the VOC MS for sample ST106-GW-1022-13102009, indicating a possible high bias. The data were not qualified because the sample did not contain reportable levels of these analytes.

Benzoic acid was not recovered in the SVOC MS for sample ST106-GW-10623-21012010, indicating a significantly low bias. The result was rejected for project use and flagged "R" in the sample. In addition, several analytes were recovered greater than the upper control limits in the MS. The data were not qualified because the parent sample did not contain reportable levels of these analytes.

The recovery of benzo(k)fluoranthene was less than the lower control limit in the PAH MSD for sample ST106-GW-10623-21012010, indicating a possible low bias. The result was qualified as an estimated nondetect and flagged "UJ" in the sample.

The recovery of 2-methylnaphthalene was greater than the upper control limit in the PAH MS for sample ST106-GW-10622-13102009, indicating a possible high bias. The result was not qualified because the parent sample did not contain reportable levels of 2-methynaphthalene.

The MS for sample ST106-GW-1022-13102009 associated with Method SW8011 did not meet control limits due to high concentrations in the sample. The data were not qualified.

TPH (C6-C10) was recovered less than the lower control limit in the MS for sample ST106-GW-10623-21012010, indicating a possible low bias. The result was qualified as an estimated nondetect and flagged "UJ" in the sample.

Nitrate was recovered greater than the upper control limits in the MS/MSD for sample ST106-GW-10623-21012010, indicating a possible high bias. The result was qualified as estimated and flagged "J" in the sample.

The groundwater MS results are presented in Table B-8.

B2.4 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, serial dilution, and confirmation RPDs.

B2.4.1 Field Duplicates Samples

FDs were collected and analyzed as required and all precision criteria were met.

B2.4.2 Laboratory Control Sample Duplicates

LCSD samples were analyzed and all precision criteria were met with the following exceptions.

The RPDs for several analytes exceeded the control limit in one PAH LCS/LCSDs. Detected results were qualified as estimated and flagged "J" in the associated samples. Non-detected results were not qualified.

The RPD for multiple analytes exceeded the control limit in several VOC and SVOC LCS/LCSDs. The data were not qualified because the associated samples did not contain reportable levels of these analytes.

B2.4.3 Matrix Spike Duplicate Samples

The MSD samples were analyzed as required and all acceptance criteria were met with the following exception.

The RPD for benzoic acid exceeded the control limit in the MS/MSD for sample ST106-GW-10623-21012010. The result was not qualified because the sample did not contain reportable levels of benzoic acid.

B2.4.4 Serial Dilutions

Serial dilutions were analyzed according to methods requiring their use and met all QC criteria with the following exception.

The RPD between the serial dilution and sample ST106-GW-KAFB15-08102009 exceeded criteria for dissolved manganese. The result was qualified as estimated and flagged "J" in the sample.

B2.4.5 Confirmation

Confirmation samples were analyzed according to methods requiring their use and met all QC criteria with the following exception.

The confirmation RPD exceeded control limits for 1,2-dibromoethane in sample ST106-GW-10618-19012010. The result was qualified as estimated and flagged "J" in the sample.

B2.5 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.

B2.6 Overall Assessment

Review of laboratory control data and field QC indicators were used to assess the PARCC of the quarterly groundwater samples collected by CH2M HILL at Bulk Fuels Facility area. The assessment concluded that the PARCC of the data are generally acceptable. Evaluation of the data was modeled after the *EPA NFG for Organic Data Review* (EPA, 1999), the *EPA NFG for Inorganic Data Review (EPA, 2004), Kirtland AFB Bulk Fuels Facility Quality Assurance Project Plan* (USAF, 2009), 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, serial dilution, FD and confirmation RPDs. Precision was generally acceptable with the exception of a few analytes which were qualified as estimated due to LCSD, serial dilution, and 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 samples, MS/MSD samples, internal standards, and surrogate spike data, as well as, the evaluation of method/field blank data. Accuracy was generally acceptable with a few compounds being qualified as estimated due to calibration, LCS/LCSD, MS/MSD and/or surrogate spike recovery issues. In addition, there were a few instances where SVOC data were rejected for project use due to LCS/LCSD and/or MS/MSD issues. A few analytes were qualified as not detected due to method blank, ICB, CCB, and/or field blank contamination.

Representativeness of the data was verified through the sample's collection, storage, and preservation procedures and the verification of holding-time compliance. The laboratory did not note any issues related to sample preservation or storage of the samples. Benzoic acid, nitrate, and 1,2-dibromoethane

exceeded the holding-time criteria in several samples resulting in data being qualified as estimated. All other data were reported from analyses within the EPA recommended holding time.

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 groundwater data are considered valid with the exception of benzidine and benzoic acid which were rejected for project use in several SVOC samples. The completeness goal of 95 percent was met for all methods and analyte combinations with the exception of benzidine (51 percent) and benzoic acid (89 percent).

B3.0 DATA VERIFICATION RESULTS FOR VAPOR SAMPLES

B3.1 Completeness Evaluation

B3.1.1 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.

B3.1.2 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. The completeness goal of 95 percent was met for all method/analyte combinations.

The vapor analytical results are listed in Table B-9.

B3.2 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.

B3.2.1 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 vapor sample holding times for this project are listed in Table B-10.

B3.2.2 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.

Acetone, methylene chloride, and trichloroethene were detected at concentrations less than the RL in several method blanks associated with the TO15 analysis. The data were qualified as not detected, raised to the RL and flagged "U" when the sample concentrations were less than five times (ten times for acetone and methylene chloride) the blank concentrations.

The results of the vapor sample method blank analyses are presented in Table B-11.

B3.3 Accuracy Evaluation

Accuracy is a measure of the level of agreement between a measurement and a known true value. Accuracy is evaluated by %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, internal standard recoveries, and surrogate spike recoveries.

B3.3.1 Calibration

Initial and continuing calibration analyses were performed as required by the methods; all acceptance criteria were met.

B3.3.2 Laboratory Control Samples

The LCS samples were analyzed to assess accuracy in the absence of matrix effects; all acceptance criteria were met.

The vapor LCS results are presented in Table B-12.

B3.3.3 Internal Standards

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

B3.3.4 Surrogate Samples

Surrogates were added to all samples for the methods requiring their use ; all acceptance criteria were met.

B3.4 Precision Evaluation

Precision measures the reproducibility of measurements under a given set of conditions and is expressed as 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.

B3.5 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.

B3.6 Overall Assessment

Review of laboratory control data and field QC indicators were used to assess the PARCC of the quarterly vapor samples collected by CH2M HILL at the Bulk Fuels Facility area. The assessment concluded that the PARCC of the data are generally acceptable. Evaluation of the data was modeled after the *EPA NFG for Organic Data Review* (EPA, 1999), *Kirtland AFB Bulk Fuels Facility Quality Assurance Project Plan (ST-106 QAPP)* (USAF, 2009) and individual method requirements.

Precision was not evaluated.

Accuracy of the data was verified through the review of calibration data, LCS/LCSD samples, internal standards, and surrogate spike data, as well as, the evaluation of method blank data. Accuracy was generally acceptable with the exception of methylene chloride which was qualified as estimated in one sample due to LCS issues. In addition, a few analytes were qualified as not detected due to method blank contamination. 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 and the verification of holding-time compliance. 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.

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 reviewed. The completeness goal of 95 percent was met for all methods and analyte combinations.

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ATTACHMENT 1
Data Validation Tables

Table B-1. Summary of Sample Delivery Groups for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Sample Delivery Group Number	Matrix
2513818	Groundwater
2513819	Groundwater
2513827	Groundwater
2513832	Groundwater
2513858	Groundwater
2513871	Groundwater
2513891	Groundwater
2513902	Groundwater
2513922	Groundwater
2513925	Groundwater
2513927	Groundwater
2514463	Groundwater
2514687	Groundwater
2514700	Groundwater
2514717	Groundwater
2514737	Groundwater
2514777	Groundwater
2514801	Groundwater
2514809	Groundwater
2514823	Groundwater
2514824	Groundwater
2514835	Groundwater
2514859	Groundwater
2514863	Groundwater
2514878	Groundwater
2514888	Groundwater
2514890	Groundwater
I2953	Vapor
I3064	Vapor
J1304	Vapor
J1311	Vapor

Table B-2. Summary of Analytical Parameters for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Parameter	Method	Matrix	Laboratory
Volatile Organic Compounds (VOCs)	SW8260B (EPA, 1996)	Groundwater	PEL
Semivolatile Organic Compounds (SVOCs)	SW8270C (EPA, 1996)	Groundwater	PEL
Polyaromatic Hydrocarbons (PAH)	SW8310 (EPA, 1996)	Groundwater	PEL
1,2-Dibromoethane (EDB)	SW8011 (EPA, 1996)	Groundwater	PEL
Total Petroleum Hydrocarbons (TPH) (C6-C10)	SW8015-P (EPA, 1996)	Groundwater	PEL
Total Petroleum Hydrocarbons (TPH) (C10-C28)	SW8015-E (EPA, 1996)	Groundwater	PEL
Dissolved Iron (Fe) and Manganese (Mn)	SW6010B (EPA, 1996)	Groundwater	PEL
Nitrate and Sulfate	EPA 300 (EPA, 1993)	Groundwater	PEL
Alkalinity	EPA 310.1 (EPA, 1993)	Groundwater	PEL
Nitrate/Nitrite	EPA 353.2 (EPA, 1993)	Groundwater	PEL
VOCs	TO-15 (EPA, 1999b)	Vapor	ASL
Fixed Gases	A2720C (AWWA, 1998)	Vapor	ASL
Total Petroleum Hydrocarbons (TPH)-Gasoline	SW8015M (EPA, 1996)	Vapor	ASL

Table B-3. Summary of Data Qualification for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-10618-PDB491-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	10.7	J	HTa>UCL
ST106-10618-PDB501-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	13.6	J	HTa>UCL
ST106-10619-PDB518-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.44	J	HTa>UCL
ST106-10621-PDB467-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.19	J	HTa>UCL
ST106-10621-PDB472-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.23	J	HTa>UCL
ST106-10621-PDB482-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.24	J	HTa>UCL
ST106-10622-PDB472-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.95	J	HTa>UCL
ST106-10622-PDB477-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.94	J	HTa>UCL, Sur>UCL
ST106-10622-PDB487-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.87	J	HTa>UCL, Sur>UCL
ST106-10623-PDB481-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.02	UJ	HTa>UCL
ST106-10623-PDB486-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.02	UJ	HTa>UCL
ST106-10623-PDB497-1Q2010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.02	UJ	HTa>UCL
ST106-AR-1065E2POST-30122009	TO15	Acetone	ppbv	622	U	LB<RL
ST106-AR-1065INLET-02262010	TO15	Acetone	ppbv	10200	U	LB<RL
ST106-AR-1065INLET-02262010	TO15	Methylene chloride	ppbv	25500	U	LB<RL
ST106-AR-1065INLET-30122009	TO15	Acetone	ppbv	12490	U	LB<RL
ST106-AR-1065POSTE1-02262010	TO15	Methylene chloride	ppbv	892.5	U	LB<RL
ST106-AR-1065POSTE2-02262010	TO15	Methylene chloride	ppbv	260	U	LB<RL
ST106-AR-1068E1POST-30122009	TO15	Acetone	ppbv	22.9	U	LB<RL
ST106-AR-1068E1POST-30122009	TO15	Methylene chloride	ppbv	57.3	U	LB<RL
ST106-AR-1068E2POST-30122009	TO15	Acetone	ppbv	607	U	LB<RL
ST106-AR-1068E2POST-30122009	TO15	TCE	ppbv	105	U	LB<RL
ST106-AR-106INLET-02262010	TO15	Methylene chloride	ppbv	126250	U	LB<RL
ST106-AR-106INLET-09122009	TO15	Methylene chloride	ppbv	46250	U	LB<RL
ST106-AR-106INLET-09122009	TO15	TCE	ppbv	9250	U	LB<RL
ST106-AR-106POSTE1-02262010	TO15	Methylene chloride	ppbv	1062.5	U	LB<RL
ST106-AR-106POSTE1-09122009	TO15	Methylene chloride	ppbv	41	U	LB<RL, LCS<LCL (J)
ST106-FD-10613-15102009	SW8270C	4-Nitrophenol	µg/L	50.8	UJ	LCS<LCL, LCSD<LCL
ST106-FD-10613-15102009	SW8270C	Benzidine	µg/L	152	R	LCS<LCL, LCSD<LCL
ST106-FD-10613-15102009	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL
ST106-FD-10613-15102009	SW6010B	Iron, dissolved	µg/L	100	U	ICB<RL
ST106-FD-10613-15102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL
ST106-FD-10613-15102009	SW8015-E	TPH C10-C28	mg/L	0.25	U	LB<RL
ST106-FD-10617-27012010	SW8310	1-Methylnaphthalene	µg/L	0.059	J	LCS<LCL
ST106-FD-10617-27012010	SW8310	2-Methylnaphthalene	µg/L	1	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8270C	4-Nitrophenol	µg/L	51	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Acenaphthene	µg/L	1	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Acenaphthylene	µg/L	1	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Anthracene	µg/L	0.31	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Benzo(a)anthracene	µg/L	0.21	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Benzo(a)pyrene	µg/L	0.21	UJ	LCS<LCL

Table B-3. Summary of Data Qualification for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-FD-10617-27012010	SW8310	Benzo(b)fluoranthene	µg/L	0.21	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Benzo(g,h,i)perylene	µg/L	0.21	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Chrysene	µg/L	0.21	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Dibenz(a,h)anthracene	µg/L	0.22	J	LCS<LCL, LCSRPD
ST106-FD-10617-27012010	SW8310	Fluoranthene	µg/L	0.41	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Fluorene	µg/L	0.31	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.21	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Naphthalene	µg/L	1	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Phenanthrene	µg/L	0.31	UJ	LCS<LCL
ST106-FD-10617-27012010	SW8310	Pyrene	µg/L	0.21	UJ	LCS<LCL
ST106-FD-10619-PDB510-1Q10	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.47	J	HTa>UCL
ST106-FD-10622-13102009	SW8270C	Benzidine	µg/L	152	R	LCS<LCL, LCSD<LCL
ST106-FD-10622-13102009	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL
ST106-FD-10622-13102009	SW6010B	Iron, dissolved	µg/L	100	U	CCB<RL
ST106-FD-10622-13102009	E300	Nitrate	mg/L	10	UJ	HTa>UCL
ST106-FD-10622-13102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL
ST106-FD-10622-13102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-FD-10623-21012010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.015	J	HTa>UCL
ST106-FD-10623-21012010	SW8270C	4-Nitrophenol	µg/L	52.6	UJ	LCS<LCL
ST106-FD-10623-21012010	SW8270C	Benzoic acid	µg/L	63.2	UJ	LCS<LCL
ST106-FD-10623-21012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.21	U	LB<RL
ST106-FD-10623-21012010	SW8270C	Phenol	µg/L	10.5	UJ	LCS<LCL
ST106-FD-1064-13012010	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCSD<LCL
ST106-FD-1064-13012010	SW8270C	Benzoic acid	µg/L	61.8	R	LCS<LCL, LCSD<LCL
ST106-FD-1064-13012010	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	9.2	J	LCS>UCL, LCSD>UCL
ST106-FD-1064-13012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.2	U	LB<RL
ST106-FD-1064-13012010	SW8270C	Phenol	µg/L	10.3	UJ	LCSD<LCL
ST106-FD-1064-13012010	SW8015-P	TPH C6-C10	mg/L	0.064	UJ	LCSD<LCL
ST106-GW-10611-09102009	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10611-09102009	SW8270C	Benzidine	µg/L	155	R	LCS<LCL, LCSD<LCL
ST106-GW-10611-09102009	SW8270C	Phenol	µg/L	10.3	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10611-09102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-10611-09102009	SW8015-P	TPH C6-C10	mg/L	0.11	J	CCV>UCL
ST106-GW-10611-11012010	SW8270C	4-Nitrophenol	µg/L	51	UJ	LCSD<LCL
ST106-GW-10611-11012010	SW8270C	Benzoic acid	µg/L	61.2	UJ	HTp>UCL
ST106-GW-10611-11012010	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	11.5	J	LCS>UCL, LCSD>UCL
ST106-GW-10611-11012010	SW8270C	Di-n-octylphthalate	µg/L	12.4	J	LCS>UCL, LCSD>UCL
ST106-GW-10611-11012010	SW6010B	Iron, dissolved	µg/L	100	U	ICB<RL, CCB<RL
ST106-GW-10611-11012010	SW8270C	Phenol	µg/L	10.2	UJ	LCSD<LCL
ST106-GW-1061-12102009	SW8270C	Benzidine	µg/L	154	R	LCS<LCL, LCSD<LCL
ST106-GW-1061-12102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL

Table B-3. Summary of Data Qualification for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-1061-12102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-1061-13012010	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCSD<LCL
ST106-GW-1061-13012010	SW8270C	Benzoic acid	µg/L	63.2	UJ	HTp>UCL
ST106-GW-1061-13012010	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	54.7	J	LCS>UCL, LCSD>UCL
ST106-GW-1061-13012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.21	U	LB<RL
ST106-GW-1061-13012010	E353.2	Nitrate	mg/L	0.1	U	ICB<RL
ST106-GW-1061-13012010	SW8270C	Phenol	µg/L	10.3	UJ	LCSD<LCL
ST106-GW-1061-13012010	SW8015-P	TPH C6-C10	mg/L	0.064	UJ	LCSD<LCL
ST106-GW-10612-09102009	SW8270C	4-Nitrophenol	µg/L	51.3	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10612-09102009	SW8270C	Benzidine	µg/L	154	R	LCS<LCL, LCSD<LCL
ST106-GW-10612-09102009	SW6010B	Iron, dissolved	µg/L	100	U	LB<RL, ICB<RL, CCB<RL
ST106-GW-10612-09102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10612-09102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-10612-09102009	SW8015-P	TPH C6-C10	mg/L	0.0098	J	CCV>UCL
ST106-GW-10612-12012010	SW8270C	4-Nitrophenol	µg/L	50	UJ	LCSD<LCL
ST106-GW-10612-12012010	SW8270C	Benzoic acid	µg/L	61.2	UJ	HTp>UCL
ST106-GW-10612-12012010	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	7.3	J	LCS>UCL, LCSD>UCL
ST106-GW-10612-12012010	SW8270C	Phenol	µg/L	10	UJ	LCSD<LCL
ST106-GW-10612-12012010	SW8015-P	TPH C6-C10	mg/L	0.064	UJ	LCSD<LCL
ST106-GW-10613-15102009	SW8270C	4-Nitrophenol	µg/L	50.8	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10613-15102009	SW8270C	Benzidine	µg/L	152	R	LCS<LCL, LCSD<LCL
ST106-GW-10613-15102009	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL
ST106-GW-10613-15102009	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	12.3	J	LCS>UCL, LCSD>UCL
ST106-GW-10613-15102009	SW6010B	Iron, dissolved	µg/L	100	U	ICB<RL
ST106-GW-10613-15102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10613-15102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-10613-26012010	SW8270C	Benzoic acid	µg/L	61.8	UJ	LCS<LCL
ST106-GW-10613-26012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.2	U	LB<RL
ST106-GW-10615-09102009	SW8270C	4-Nitrophenol	µg/L	52.6	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10615-09102009	SW8270C	Benzidine	µg/L	158	R	LCS<LCL, LCSD<LCL
ST106-GW-10615-09102009	SW6010B	Iron, dissolved	µg/L	100	U	LB<RL, ICB<RL, CCB<RL
ST106-GW-10615-09102009	SW8270C	Phenol	µg/L	10.5	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10615-09102009	SW8015-E	TPH C10-C28	mg/L	0.25	U	LB<RL
ST106-GW-10615-12012010	SW8270C	4-Nitrophenol	µg/L	51	UJ	LCSD<LCL
ST106-GW-10615-12012010	SW8270C	Benzoic acid	µg/L	61.2	UJ	HTp>UCL
ST106-GW-10615-12012010	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	5	J	LCS>UCL, LCSD>UCL
ST106-GW-10615-12012010	SW8270C	Phenol	µg/L	10.2	UJ	LCSD<LCL
ST106-GW-10616-09102009	SW8270C	4-Nitrophenol	µg/L	52.6	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10616-09102009	SW8270C	Benzidine	µg/L	158	R	LCS<LCL, LCSD<LCL
ST106-GW-10616-09102009	SW6010B	Iron, dissolved	µg/L	100	U	LB<RL, ICB<RL, CCB<RL
ST106-GW-10616-09102009	SW8270C	Phenol	µg/L	10.5	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10616-09102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL

Table B-3. Summary of Data Qualification for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-10616-12012010	SW8270C	4-Nitrophenol	µg/L	50	UJ	LCSD<LCL
ST106-GW-10616-12012010	SW8270C	Benzoic acid	µg/L	56.1	UJ	HTp>UCL
ST106-GW-10616-12012010	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	7.6	J	LCS>UCL, LCSD>UCL
ST106-GW-10616-12012010	SW8270C	Phenol	µg/L	10	UJ	LCSD<LCL
ST106-GW-10617-16102009	SW8011	1,2-Dibromoethane(EDB)	µg/L	2.2	J	Sur<LCL
ST106-GW-10617-16102009	SW8270C	4-Nitrophenol	µg/L	51.3	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10617-16102009	SW8270C	Benzidine	µg/L	154	R	LCS<LCL, LCSD<LCL
ST106-GW-10617-16102009	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL
ST106-GW-10617-16102009	SW8270C	Benzoic acid	µg/L	61.5	R	LCSD<LCL
ST106-GW-10617-16102009	E300	Nitrate	mg/L	0.27	J	HTa>UCL
ST106-GW-10617-16102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10617-16102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-10617-27012010	SW8270C	4-Nitrophenol	µg/L	51	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10617-27012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.2	U	LB<RL
ST106-GW-10617-27012010	SW8015-E	TPH C10-C28	mg/L	0.12	J	Sur>UCL
ST106-GW-10618-19012010	SW8011	1,2-Dibromoethane(EDB)	µg/L	21.9	J	HTa>UCL, CF>RPD
ST106-GW-10618-19012010	SW8270C	4-Nitrophenol	µg/L	52.6	UJ	LCS<LCL
ST106-GW-10618-19012010	SW8310	Benzo(a)anthracene	µg/L	0.2	UJ	LCS<LCL
ST106-GW-10618-19012010	SW8310	Benzo(b)fluoranthene	µg/L	0.2	UJ	LCS<LCL
ST106-GW-10618-19012010	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10618-19012010	SW8270C	Benzoic acid	µg/L	36.4	J	LCS<LCL, CCV>UCL
ST106-GW-10618-19012010	SW8310	Dibenz(a,h)anthracene	µg/L	0.3	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10618-19012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.2	U	LB<RL
ST106-GW-10618-19012010	SW8310	Naphthalene	µg/L	46.6	J	LCS<LCL
ST106-GW-10618-19012010	SW8270C	Phenol	µg/L	10.5	UJ	LCS<LCL
ST106-GW-10618-19012010	SW8310	Pyrene	µg/L	0.2	UJ	LCS<LCL
ST106-GW-10619-15102009	SW8270C	4-Nitrophenol	µg/L	51	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10619-15102009	SW8270C	Benzidine	µg/L	153	R	LCS<LCL, LCSD<LCL
ST106-GW-10619-15102009	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL
ST106-GW-10619-15102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10619-15102009	SW8015-E	TPH C10-C28	mg/L	0.29	U	LB<RL
ST106-GW-10619-18012010	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCS<LCL
ST106-GW-10619-18012010	SW8310	Benzo(a)anthracene	µg/L	0.2	UJ	LCS<LCL
ST106-GW-10619-18012010	SW8310	Benzo(b)fluoranthene	µg/L	0.2	UJ	LCS<LCL
ST106-GW-10619-18012010	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10619-18012010	SW8270C	Benzoic acid	µg/L	61.8	UJ	LCS<LCL
ST106-GW-10619-18012010	SW8310	Dibenz(a,h)anthracene	µg/L	1.1	J	LCS<LCL, LCSD<LCL
ST106-GW-10619-18012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.2	U	LB<RL
ST106-GW-10619-18012010	SW8310	Naphthalene	µg/L	1	UJ	LCS<LCL
ST106-GW-10619-18012010	E353.2	Nitrate	mg/L	0.1	UJ	CCB<RL
ST106-GW-10619-18012010	SW8270C	Phenol	µg/L	10.3	UJ	LCS<LCL
ST106-GW-10619-18012010	SW8310	Pyrene	µg/L	0.2	UJ	LCS<LCL

Table B-3. Summary of Data Qualification for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-10620-16102009	SW8270C	4-Nitrophenol	µg/L	52.6	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10620-16102009	SW8270C	Benzidine	µg/L	158	R	LCS<LCL, LCSD<LCL
ST106-GW-10620-16102009	SW8310	Benzo(k)fluoranthene	µg/L	0.16	UJ	LCS<LCL
ST106-GW-10620-16102009	SW8270C	Benzoic acid	µg/L	63.2	R	LCSD
ST106-GW-10620-16102009	SW6010B	Iron, dissolved	µg/L	100	U	CCB<RL
ST106-GW-10620-16102009	E300	Nitrate	mg/L	0.33	J	HTa>UCL
ST106-GW-10620-16102009	SW8270C	Phenol	µg/L	10.5	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10620-16102009	SW8015-E	TPH C10-C28	mg/L	0.28	U	LB<RL
ST106-GW-10620-19012010	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCS<LCL
ST106-GW-10620-19012010	SW8310	Benzo(a)anthracene	µg/L	0.2	UJ	LCS<LCL
ST106-GW-10620-19012010	SW8310	Benzo(b)fluoranthene	µg/L	0.2	UJ	LCS<LCL
ST106-GW-10620-19012010	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10620-19012010	SW8270C	Benzoic acid	µg/L	61.8	UJ	LCS<LCL
ST106-GW-10620-19012010	SW8310	Dibenz(a,h)anthracene	µg/L	3.9	J	LCS<LCL, LCSD<LCL
ST106-GW-10620-19012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.2	U	LB<RL
ST106-GW-10620-19012010	SW8310	Naphthalene	µg/L	1	UJ	LCS<LCL
ST106-GW-10620-19012010	SW8270C	Phenol	µg/L	10.3	UJ	LCS<LCL
ST106-GW-10620-19012010	SW8310	Pyrene	µg/L	0.2	UJ	LCS<LCL
ST106-GW-10621-14102009	SW8310	1-Methylnaphthalene	µg/L	1	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8310	2-Methylnaphthalene	µg/L	1	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8270C	4-Nitrophenol	µg/L	52.6	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10621-14102009	SW8310	Acenaphthene	µg/L	1	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8310	Acenaphthylene	µg/L	1	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8310	Anthracene	µg/L	0.31	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8270C	Benzidine	µg/L	158	R	LCS<LCL, LCSD<LCL
ST106-GW-10621-14102009	SW8310	Benzo(a)anthracene	µg/L	0.2	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8310	Benzo(a)pyrene	µg/L	0.2	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8310	Benzo(b)fluoranthene	µg/L	0.2	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8310	Benzo(g,h,i)perylene	µg/L	0.2	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL, Sur<LCL
ST106-GW-10621-14102009	SW8310	Chrysene	µg/L	0.2	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8310	Dibenz(a,h)anthracene	µg/L	0.31	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8310	Fluoranthene	µg/L	0.41	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8310	Fluorene	µg/L	0.3	J	Sur<LCL
ST106-GW-10621-14102009	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.2	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8310	Naphthalene	µg/L	1	UJ	Sur<LCL
ST106-GW-10621-14102009	E300	Nitrate	mg/L	0.17	J	HTa>UCL
ST106-GW-10621-14102009	SW8310	Phenanthrene	µg/L	0.31	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8270C	Phenol	µg/L	10.5	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10621-14102009	SW8310	Pyrene	µg/L	0.2	UJ	Sur<LCL
ST106-GW-10621-14102009	SW8015-E	TPH C10-C28	mg/L	0.38	U	LB<RL
ST106-GW-10621-20012010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.25	J	HTa>UCL

Table B-3. Summary of Data Qualification for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-10621-20012010	SW8270C	4-Nitrophenol	µg/L	47.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10621-20012010	SW8310	Anthracene	µg/L	0.32	U	EB<RL
ST106-GW-10621-20012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.21	U	LB<RL, EB<RL
ST106-GW-10621-20012010	SW8270C	Phenol	µg/L	9.4	UJ	LCSD<LCL
ST106-GW-10621-20012010	SW8015-E	TPH C10-C28	mg/L	0.24	U	EB<RL
ST106-GW-1062-12012010	SW8270C	4-Nitrophenol	µg/L	51	UJ	LCSD<LCL
ST106-GW-1062-12012010	SW8270C	Benzoic acid	µg/L	62.5	UJ	HTp>UCL
ST106-GW-1062-12012010	SW8270C	Phenol	µg/L	10.2	UJ	LCSD<LCL
ST106-GW-1062-12102009	SW8270C	Benzidine	µg/L	152	R	LCS<LCL, LCSD<LCL
ST106-GW-1062-12102009	SW6010B	Iron, dissolved	µg/L	100	U	LB<RL, CCB<RL
ST106-GW-1062-12102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-1062-12102009	SW8015-E	TPH C10-C28	mg/L	0.25	U	LB<RL
ST106-GW-10622-13102009	SW8270C	Benzidine	µg/L	152	R	LCS<LCL, LCSD<LCL
ST106-GW-10622-13102009	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL
ST106-GW-10622-13102009	E300	Nitrate	mg/L	10	UJ	HTa>UCL
ST106-GW-10622-13102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10622-13102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-10622-20012010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.92	J	HTa>UCL, Sur>UCL
ST106-GW-10622-20012010	SW8270C	4-Nitrophenol	µg/L	52.9	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10622-20012010	SW8310	Acenaphthylene	µg/L	1	U	EB<RL
ST106-GW-10622-20012010	SW8260B	Benzene	µg/L	1.6	U	EB<RL
ST106-GW-10622-20012010	SW8270C	Benzo(g,h,i)perylene	µg/L	10.6	UJ	CCV<LCL
ST106-GW-10622-20012010	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	10.6	U	EB<RL, LCSD>UCL (J)
ST106-GW-10622-20012010	SW8260B	Ethylbenzene	µg/L	1	U	EB<RL
ST106-GW-10622-20012010	SW8270C	Phenol	µg/L	10.6	UJ	LCSD<LCL
ST106-GW-10622-20012010	SW8015-E	TPH C10-C28	mg/L	0.26	U	EB<RL
ST106-GW-10623-13102009	SW8270C	Benzidine	µg/L	152	R	LCS<LCL, LCSD<LCL
ST106-GW-10623-13102009	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	LCS<LCL
ST106-GW-10623-13102009	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	10	J	LCS>UCL, LCSD>UCL
ST106-GW-10623-13102009	E300	Nitrate	mg/L	0.087	J	HTa>UCL
ST106-GW-10623-13102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10623-13102009	SW8015-E	TPH C10-C28	mg/L	0.25	U	LB<RL
ST106-GW-10623-21012010	SW8011	1,2-Dibromoethane(EDB)	µg/L	0.012	J	HTa>UCL
ST106-GW-10623-21012010	SW8270C	4-Nitrophenol	µg/L	52.1	UJ	LCS<LCL
ST106-GW-10623-21012010	SW8310	Benzo(k)fluoranthene	µg/L	0.16	UJ	SD<LCL
ST106-GW-10623-21012010	SW8270C	Benzoic acid	µg/L	62.5	R	MS<LCL, LCS<LCL (UJ)
ST106-GW-10623-21012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.21	U	LB<RL
ST106-GW-10623-21012010	SW6010B	Iron, dissolved	µg/L	100	U	CCB<RL
ST106-GW-10623-21012010	E353.2	Nitrate	mg/L	0.046	J	MS>UCL, SD>UCL, CCB<RL
ST106-GW-10623-21012010	SW8270C	Phenol	µg/L	10.4	UJ	LCS<LCL
ST106-GW-10623-21012010	SW8015-P	TPH C6-C10	mg/L	0.064	UJ	MS<LCL
ST106-GW-10624-19102009	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCS<LCL, LCSD<LCL

Table B-3. Summary of Data Qualification for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-10624-19102009	SW8270C	Benzidine	µg/L	155	R	LCS<LCL, LCSD<LCL
ST106-GW-10624-19102009	E300	Nitrate	mg/L	0.1	UJ	LCS<LCL
ST106-GW-10624-19102009	SW8270C	Phenol	µg/L	10.3	UJ	LCS<LCL, LCSD<LCL
ST106-GW-10624-19102009	SW8015-E	TPH C10-C28	mg/L	0.32	U	LB<RL, EB<RL, Sur<LCL (J)
ST106-GW-10624-22012010	SW8270C	4-Nitrophenol	µg/L	53.2	UJ	LCS<LCL
ST106-GW-10624-22012010	SW8270C	Benzoic acid	µg/L	63.8	UJ	LCS<LCL
ST106-GW-10624-22012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.2	U	LB<RL
ST106-GW-10624-22012010	SW8260B	Isopropylbenzene (Cumene)	µg/L	0.18	J	LCS>UCL
ST106-GW-10624-22012010	E353.2	Nitrate	mg/L	0.1	U	LB<RL, CCB<RL
ST106-GW-10624-22012010	SW8270C	Phenol	µg/L	10.6	UJ	LCS<LCL
ST106-GW-10625-12112009	SW8015-E	TPH C10-C28	mg/L	0.06	J	Sur<LCL
ST106-GW-10625-21012010	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCS<LCL
ST106-GW-10625-21012010	SW8270C	Benzoic acid	µg/L	61.8	UJ	LCS<LCL
ST106-GW-10625-21012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.21	U	LB<RL
ST106-GW-10625-21012010	SW8270C	Phenol	µg/L	10.3	UJ	LCS<LCL
ST106-GW-1063-13012010	SW8270C	4-Nitrophenol	µg/L	51.8	UJ	LCSD<LCL
ST106-GW-1063-13012010	SW8270C	Benzoic acid	µg/L	60.9	UJ	HTp>UCL
ST106-GW-1063-13012010	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	15.2	J	LCS>UCL, LCSD>UCL
ST106-GW-1063-13012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.2	U	LB<RL
ST106-GW-1063-13012010	SW6010B	Iron, dissolved	µg/L	6.1	J	CCB<RL
ST106-GW-1063-13012010	SW8270C	Phenol	µg/L	10.4	UJ	LCSD<LCL
ST106-GW-1063-13012010	SW8015-P	TPH C6-C10	mg/L	0.064	UJ	LCSD<LCL
ST106-GW-1063-19102009	SW8270C	4-Nitrophenol	µg/L	47.6	UJ	LCSD<LCL
ST106-GW-1063-19102009	SW8270C	Benzidine	µg/L	143	R	LCS<LCL, LCSD<LCL
ST106-GW-1063-19102009	SW8270C	Phenol	µg/L	9.5	UJ	LCS<LCL, LCSD<LCL
ST106-GW-1063-19102009	SW8015-E	TPH C10-C28	mg/L	0.27	U	LB<RL
ST106-GW-1064-12102009	SW8270C	Benzidine	µg/L	155	R	LCS<LCL, LCSD<LCL
ST106-GW-1064-12102009	SW8270C	Phenol	µg/L	10.3	UJ	LCS<LCL, LCSD<LCL
ST106-GW-1064-12102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-1064-13012010	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCSD<LCL
ST106-GW-1064-13012010	SW8270C	Benzoic acid	µg/L	61.8	R	LCS<LCL, LCSD<LCL
ST106-GW-1064-13012010	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	8.4	J	LCS>UCL, LCSD>UCL
ST106-GW-1064-13012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.19	U	LB<RL
ST106-GW-1064-13012010	SW8270C	Phenol	µg/L	10.3	UJ	LCSD<LCL
ST106-GW-1064-13012010	SW8015-P	TPH C6-C10	mg/L	0.064	UJ	LCSD<LCL
ST106-GW-1067-09102009	SW8270C	4-Nitrophenol	µg/L	50.8	UJ	LCS<LCL, LCSD<LCL
ST106-GW-1067-09102009	SW8270C	Benzidine	µg/L	152	R	LCS<LCL, LCSD<LCL
ST106-GW-1067-09102009	SW6010B	Iron, dissolved	µg/L	100	U	LB<RL, ICB<RL, CCB<RL
ST106-GW-1067-09102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-1067-09102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-1067-09102009	SW8015-P	TPH C6-C10	mg/L	0.027	J	CCV>UCL

Table B-3. Summary of Data Qualification for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-1067-11012010	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCSD<LCL
ST106-GW-1067-11012010	SW8270C	Benzoic acid	µg/L	61.8	UJ	HTp>UCL
ST106-GW-1067-11012010	SW6010B	Iron, dissolved	µg/L	100	U	ICB<RL, CCB<RL
ST106-GW-1067-11012010	SW8270C	Phenol	µg/L	10.3	UJ	LCSD<LCL
ST106-GW-2819RC-08102009	SW8270C	4-Nitrophenol	µg/L	50.8	UJ	LCS<LCL, LCSD<LCL
ST106-GW-2819RC-08102009	SW8270C	Benzidine	µg/L	152	R	LCSD<LCL, LCS<LCL (UJ)
ST106-GW-2819RC-08102009	SW8270C	Phenol	µg/L	10.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-2819RC-08102009	SW8015-E	TPH C10-C28	mg/L	0.25	U	LB<RL
ST106-GW-2819RC-13012010	SW8310	1-Methylnaphthalene	µg/L	1	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	2-Methylnaphthalene	µg/L	1	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8270C	4-Nitrophenol	µg/L	51.8	UJ	LCSD<LCL
ST106-GW-2819RC-13012010	SW8310	Acenaphthene	µg/L	1	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Acenaphthylene	µg/L	1	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Anthracene	µg/L	0.31	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Benzo(a)anthracene	µg/L	0.21	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Benzo(a)pyrene	µg/L	0.21	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Benzo(b)fluoranthene	µg/L	0.21	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Benzo(g,h,i)perylene	µg/L	0.21	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Benzo(k)fluoranthene	µg/L	0.15	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8270C	Benzoic acid	µg/L	62.2	R	LCS<LCL, LCSD<LCL
ST106-GW-2819RC-13012010	SW8310	Chrysene	µg/L	0.21	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Dibenz(a,h)anthracene	µg/L	0.31	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Fluoranthene	µg/L	0.41	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Fluorene	µg/L	0.31	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.21	U	LB<RL, Sur<LCL (J)
ST106-GW-2819RC-13012010	SW8310	Naphthalene	µg/L	1	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8310	Phenanthrene	µg/L	0.31	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8270C	Phenol	µg/L	10.4	UJ	LCSD<LCL
ST106-GW-2819RC-13012010	SW8310	Pyrene	µg/L	0.21	UJ	Sur<LCL
ST106-GW-2819RC-13012010	SW8015-P	TPH C6-C10	mg/L	0.064	UJ	LCSD<LCL
ST106-GW-3411-12102009	SW8270C	Benzidine	µg/L	158	R	LCS<LCL, LCSD<LCL
ST106-GW-3411-12102009	SW8270C	Phenol	µg/L	10.5	UJ	LCS<LCL, LCSD<LCL
ST106-GW-3411-12102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-3411-14012010	SW8260B	1,2,3-Trichloropropane	µg/L	1.5	UJ	LCSD<LCL
ST106-GW-3411-14012010	SW8260B	1,2,3-Trichloropropane	µg/L	1.5	UJ	LCS<LCL
ST106-GW-3411-14012010	SW8270C	4-Nitrophenol	µg/L	51.8	UJ	LCSD<LCL
ST106-GW-3411-14012010	SW8270C	Benzoic acid	µg/L	63.2	UJ	HTp>UCL
ST106-GW-3411-14012010	SW8270C	bis(2-ethylhexyl)phthalate	µg/L	11.8	J	LCS>UCL, LCSD>UCL
ST106-GW-3411-14012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.21	U	LB<RL
ST106-GW-3411-14012010	SW8270C	Phenol	µg/L	10.4	UJ	LCSD<LCL
ST106-GW-3411-14012010	SW8015-E	TPH C10-C28	mg/L	0.074	J	Sur>UCL
ST106-GW-3411-14012010	SW8015-P	TPH C6-C10	mg/L	0.064	UJ	LCSD<LCL

Table B-3. Summary of Data Qualification for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Sample Identification	Method	Analyte	Units	Final Result	Final Flag	Validation Reason
ST106-GW-KAFB03-08102009	SW8270C	4-Nitrophenol	µg/L	52.6	UJ	LCS<LCL, LCSD<LCL
ST106-GW-KAFB03-08102009	SW8270C	Benzidine	µg/L	158	R	LCSD<LCL, LCS<LCL (UJ)
ST106-GW-KAFB03-08102009	SW8270C	Phenol	µg/L	10.5	UJ	LCS<LCL, LCSD<LCL
ST106-GW-KAFB03-08102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-KAFB03-12012010	SW8270C	4-Nitrophenol	µg/L	55.6	UJ	LCSD<LCL
ST106-GW-KAFB03-12012010	SW8270C	Benzoic acid	µg/L	61.8	UJ	HTp>UCL
ST106-GW-KAFB03-12012010	SW8270C	Phenol	µg/L	11.1	UJ	LCSD<LCL
ST106-GW-KAFB15-08102009	SW8270C	4-Nitrophenol	µg/L	51.5	UJ	LCS<LCL, LCSD<LCL
ST106-GW-KAFB15-08102009	SW8270C	Benzidine	µg/L	155	R	LCSD<LCL, LCS<LCL (UJ)
ST106-GW-KAFB15-08102009	SW6010B	Iron, dissolved	µg/L	100	U	LB<RL, ICB<RL
ST106-GW-KAFB15-08102009	SW6010B	Manganese, dissolved	µg/L	18.9	J	SerDil %D
ST106-GW-KAFB15-08102009	SW8270C	Phenol	µg/L	10.3	UJ	LCS<LCL, LCSD<LCL
ST106-GW-KAFB15-08102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-KAFB15-12012010	SW8270C	4-Nitrophenol	µg/L	50.5	UJ	LCSD<LCL
ST106-GW-KAFB15-12012010	SW8270C	Benzoic acid	µg/L	57.1	UJ	HTp>UCL
ST106-GW-KAFB15-12012010	SW8270C	Phenol	µg/L	10.1	UJ	LCSD<LCL
ST106-GW-KAFB15-12012010	SW8015-P	TPH C6-C10	mg/L	0.064	UJ	LCSD<LCL
ST106-GW-KAFB16-08102009	SW8270C	4-Nitrophenol	µg/L	53.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-KAFB16-08102009	SW8270C	Benzidine	µg/L	160	R	LCSD<LCL, LCS<LCL (UJ)
ST106-GW-KAFB16-08102009	SW6010B	Iron, dissolved	µg/L	100	U	LB<RL, ICB<RL
ST106-GW-KAFB16-08102009	SW8270C	Phenol	µg/L	10.6	UJ	LCS<LCL, LCSD<LCL
ST106-GW-KAFB16-08102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-KAFB16-12012010	SW8270C	4-Nitrophenol	µg/L	50.5	UJ	LCSD<LCL
ST106-GW-KAFB16-12012010	SW8270C	Benzoic acid	µg/L	61.5	UJ	HTp>UCL
ST106-GW-KAFB16-12012010	SW8270C	Phenol	µg/L	10.1	UJ	LCSD<LCL
ST106-GW-VA-08102009	SW8270C	4-Nitrophenol	µg/L	61	UJ	LCS<LCL, LCSD<LCL
ST106-GW-VA-08102009	SW8270C	Benzidine	µg/L	183	R	LCS<LCL, LCSD<LCL
ST106-GW-VA-08102009	SW8270C	Di-n-octylphthalate	µg/L	10	J	LCS>UCL, LCSD>UCL
ST106-GW-VA-08102009	SW6010B	Iron, dissolved	µg/L	100	U	LB<RL, ICB<RL, CCB<RL
ST106-GW-VA-08102009	SW8270C	Phenol	µg/L	12.2	UJ	LCS<LCL, LCSD<LCL
ST106-GW-VA-08102009	SW8015-E	TPH C10-C28	mg/L	0.26	U	LB<RL
ST106-GW-VA2-14012010	SW8260B	1,2,3-Trichloropropane	µg/L	1.5	UJ	LCS<LCL, LCSD<LCL
ST106-GW-VA2-14012010	SW8270C	4-Nitrophenol	µg/L	51.3	UJ	LCSD<LCL
ST106-GW-VA2-14012010	SW8270C	Benzoic acid	µg/L	65.2	UJ	HTp>UCL
ST106-GW-VA2-14012010	SW8310	Indeno(1,2,3-cd)pyrene	µg/L	0.2	U	LB<RL
ST106-GW-VA2-14012010	SW8270C	Phenol	µg/L	10.2	UJ	LCSD<LCL
ST106-GW-VA2-14012010	SW8015-P	TPH C6-C10	mg/L	0.064	UJ	LCSD<LCL

Table B-3. Summary of Data Qualification for Groundwater and Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Validation Reasons:

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.
CCV>UCL	The continuing calibration verification was recovered greater than method criteria.
CF>RPD	The confirmation relative percent difference exceeded criteria.
EB<RL	The analyte was detected in the equipment blank at a concentration less than the reporting limit.
HTa>UCL	The analytical hold time exceeded method criteria.
HTp>UCL	The preparatory hold time exceeded method 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 lower control limit.
LCS>UCL	The laboratory control sample was recovered greater than the upper control limit.
LCSD>UCL	The laboratory control sample duplicate was recovered greater than the upper control limit.
LCSD<LCL	The laboratory control sample duplicate was recovered less than lower control limit.
LCSRPD	The LCS/LCSD relative percent difference exceeded criteria.
MS<LCL	The matrix spike recovered less than the lower control limit.
MS>UCL	The matrix spike recovered greater than the upper control limit.
SD<LCL	The matrix spike duplicate recovered less than the lower control limit.
SD>UCL	The matrix spike duplicate recovered greater than the upper control limit.
SerDil%D	The serial dilution relative percent difference exceeded control limits.
Sur<LCL	The surrogate was recovered less than the project specific criteria.
Sur>UCL	The surrogate was recovered greater than the project specific criteria.

Validation Flags:

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

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.

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.

Notes:

µg/L - microgram per liter

mg/L - milligram per liter

ppbv - parts per billion volume

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E300								
	ST106-FD-10613-15102009	WATER	FD	Nitrate	0.2 J	0.013	10	MG/L
	ST106-FD-10613-15102009	WATER	FD	Sulfate	27.2	0.062	1	MG/L
	ST106-FD-10617-27012010	WATER	FD	Sulfate	32.9	0.32	1	MG/L
	ST106-FD-10622-13102009	WATER	FD	Nitrate	10 UJ	0.013	10	MG/L
	ST106-FD-10622-13102009	WATER	FD	Sulfate	34.1	0.124	2	MG/L
	ST106-FD-10623-21012010	WATER	FD	Sulfate	29.5	0.32	1	MG/L
	ST106-FD-1064-13012010	WATER	FD	Sulfate	77.3	0.32	1	MG/L
	ST106-GW-10611-09102009	WATER	N	Nitrate	0.15 J	0.013	10	MG/L
	ST106-GW-10611-09102009	WATER	N	Sulfate	28.2	0.062	1	MG/L
	ST106-GW-10611-11012010	WATER	N	Sulfate	28.7	0.32	1	MG/L
	ST106-GW-1061-12102009	WATER	N	Nitrate	0.15 J	0.013	10	MG/L
	ST106-GW-1061-12102009	WATER	N	Sulfate	28.2	0.062	1	MG/L
	ST106-GW-1061-13012010	WATER	N	Sulfate	32.2	0.32	1	MG/L
	ST106-GW-10612-09102009	WATER	N	Nitrate	0.25 J	0.013	10	MG/L
	ST106-GW-10612-09102009	WATER	N	Sulfate	59.6	0.062	1	MG/L
	ST106-GW-10612-12012010	WATER	N	Sulfate	109	1.6	5	MG/L
	ST106-GW-10613-15102009	WATER	N	Nitrate	0.21 J	0.013	10	MG/L
	ST106-GW-10613-15102009	WATER	N	Sulfate	27.3	0.062	1	MG/L
	ST106-GW-10613-26012010	WATER	N	Sulfate	28.8	0.32	1	MG/L
	ST106-GW-10615-09102009	WATER	N	Nitrate	0.44 J	0.013	10	MG/L
	ST106-GW-10615-09102009	WATER	N	Sulfate	28.2	0.062	1	MG/L
	ST106-GW-10615-12012010	WATER	N	Sulfate	28.4	0.32	1	MG/L
	ST106-GW-10616-09102009	WATER	N	Nitrate	0.19 J	0.013	10	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E300								
	ST106-GW-10616-09102009	WATER	N	Sulfate	27.3	0.062	1	MG/L
	ST106-GW-10616-12012010	WATER	N	Sulfate	27.6	0.32	1	MG/L
	ST106-GW-10617-16102009	WATER	N	Nitrate	0.27 J	0.013	10	MG/L
	ST106-GW-10617-16102009	WATER	N	Sulfate	32.3	0.062	1	MG/L
	ST106-GW-10617-27012010	WATER	N	Sulfate	32.9	0.32	1	MG/L
	ST106-GW-10618-19012010	WATER	N	Sulfate	61.3	0.32	1	MG/L
	ST106-GW-10619-15102009	WATER	N	Nitrate	0.12 J	0.013	10	MG/L
	ST106-GW-10619-15102009	WATER	N	Sulfate	28.6	0.062	1	MG/L
	ST106-GW-10619-18012010	WATER	N	Sulfate	33.6	0.32	1	MG/L
	ST106-GW-10620-16102009	WATER	N	Nitrate	0.33 J	0.013	10	MG/L
	ST106-GW-10620-16102009	WATER	N	Sulfate	49.8	0.062	1	MG/L
	ST106-GW-10620-19012010	WATER	N	Sulfate	46.9	0.32	1	MG/L
	ST106-GW-10621-14102009	WATER	N	Nitrate	0.17 J	0.013	10	MG/L
	ST106-GW-10621-14102009	WATER	N	Sulfate	38.8	0.124	2	MG/L
	ST106-GW-10621-20012010	WATER	N	Sulfate	46.1	0.32	1	MG/L
	ST106-GW-1062-12012010	WATER	N	Sulfate	36.6	0.32	1	MG/L
	ST106-GW-1062-12102009	WATER	N	Nitrate	0.17 J	0.013	10	MG/L
	ST106-GW-1062-12102009	WATER	N	Sulfate	33.3	0.062	1	MG/L
	ST106-GW-10622-13102009	WATER	N	Nitrate	10 UJ	0.013	10	MG/L
	ST106-GW-10622-13102009	WATER	N	Sulfate	28.6	0.124	2	MG/L
	ST106-GW-10622-20012010	WATER	N	Sulfate	34.8	0.32	1	MG/L
	ST106-GW-10623-13102009	WATER	N	Nitrate	0.087 J	0.013	10	MG/L
	ST106-GW-10623-13102009	WATER	N	Sulfate	33	0.062	1	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E300								
	ST106-GW-10623-21012010	WATER	N	Sulfate	29.3	0.32	1	MG/L
	ST106-GW-10624-19102009	WATER	N	Nitrate	0.1 UJ	0.0282	0.1	MG/L
	ST106-GW-10624-19102009	WATER	N	Sulfate	18.5	0.297	1	MG/L
	ST106-GW-10624-22012010	WATER	N	Sulfate	14.4	0.32	1	MG/L
	ST106-GW-10625-21012010	WATER	N	Sulfate	52	0.32	1	MG/L
	ST106-GW-1063-13012010	WATER	N	Sulfate	187	1.6	5	MG/L
	ST106-GW-1063-19102009	WATER	N	Nitrate	3.15	0.0282	0.1	MG/L
	ST106-GW-1063-19102009	WATER	N	Sulfate	185	2.97	10	MG/L
	ST106-GW-1064-12102009	WATER	N	Nitrate	1.3 J	0.013	10	MG/L
	ST106-GW-1064-12102009	WATER	N	Sulfate	60.1	0.062	1	MG/L
	ST106-GW-1064-13012010	WATER	N	Sulfate	79.3	0.32	1	MG/L
	ST106-GW-1067-09102009	WATER	N	Nitrate	0.49 J	0.013	10	MG/L
	ST106-GW-1067-09102009	WATER	N	Sulfate	32.9	0.062	1	MG/L
	ST106-GW-1067-11012010	WATER	N	Sulfate	33.5	0.32	1	MG/L
	ST106-GW-2819RC-08102009	WATER	N	Nitrate	0.79 J	0.013	10	MG/L
	ST106-GW-2819RC-08102009	WATER	N	Sulfate	27.7	0.062	1	MG/L
	ST106-GW-2819RC-13012010	WATER	N	Sulfate	26.7	0.32	1	MG/L
	ST106-GW-3411-12102009	WATER	N	Nitrate	0.098 J	0.013	10	MG/L
	ST106-GW-3411-12102009	WATER	N	Sulfate	34.5	0.062	1	MG/L
	ST106-GW-3411-14012010	WATER	N	Sulfate	40.5	0.32	1	MG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Nitrate	0.24 S	0.0282	0.1	MG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Sulfate	41.2 S	0.297	1	MG/L
	ST106-GW-IDWtank-28012010	WATER	N	Sulfate	43.9 S	0.32	1	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E300								
	ST106-GW-KAFB03-08102009	WATER	N	Nitrate	0.63 J	0.013	10	MG/L
	ST106-GW-KAFB03-08102009	WATER	N	Sulfate	36.8	0.062	1	MG/L
	ST106-GW-KAFB03-12012010	WATER	N	Sulfate	24.6	0.32	1	MG/L
	ST106-GW-KAFB15-08102009	WATER	N	Nitrate	0.11 J	0.013	10	MG/L
	ST106-GW-KAFB15-08102009	WATER	N	Sulfate	32.2	0.062	1	MG/L
	ST106-GW-KAFB15-12012010	WATER	N	Sulfate	32.6	0.32	1	MG/L
	ST106-GW-KAFB16-08102009	WATER	N	Nitrate	10 U	0.013	10	MG/L
	ST106-GW-KAFB16-08102009	WATER	N	Sulfate	33.3	0.062	1	MG/L
	ST106-GW-KAFB16-12012010	WATER	N	Sulfate	32.5	0.32	1	MG/L
	ST106-GW-VA-08102009	WATER	N	Nitrate	0.33 J	0.013	10	MG/L
	ST106-GW-VA-08102009	WATER	N	Sulfate	31.1	0.062	1	MG/L
	ST106-GW-VA2-14012010	WATER	N	Sulfate	25.2	0.32	1	MG/L
E310.1								
	ST106-FD-10617-27012010	WATER	FD	Alkalinity, Bicarbonate	130	0.5	5	MG/L
	ST106-FD-10617-27012010	WATER	FD	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-FD-10617-27012010	WATER	FD	Alkalinity, Total	130	0.5	20	MG/L
	ST106-FD-10623-21012010	WATER	FD	Alkalinity, Bicarbonate	118	0.5	5	MG/L
	ST106-FD-10623-21012010	WATER	FD	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-FD-10623-21012010	WATER	FD	Alkalinity, Total	118	0.5	20	MG/L
	ST106-FD-1064-13012010	WATER	FD	Alkalinity, Bicarbonate	29	0.5	5	MG/L
	ST106-FD-1064-13012010	WATER	FD	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-FD-1064-13012010	WATER	FD	Alkalinity, Total	29	0.5	5	MG/L
	ST106-GW-10611-11012010	WATER	N	Alkalinity, Bicarbonate	88	0.5	5	MG/L
	ST106-GW-10611-11012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E310.1								
	ST106-GW-10611-11012010	WATER	N	Alkalinity, Total	88	0.5	20	MG/L
	ST106-GW-1061-13012010	WATER	N	Alkalinity, Bicarbonate	32	0.5	5	MG/L
	ST106-GW-1061-13012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-1061-13012010	WATER	N	Alkalinity, Total	32	0.5	5	MG/L
	ST106-GW-10612-12012010	WATER	N	Alkalinity, Bicarbonate	160	0.5	5	MG/L
	ST106-GW-10612-12012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10612-12012010	WATER	N	Alkalinity, Total	160	0.5	20	MG/L
	ST106-GW-10613-26012010	WATER	N	Alkalinity, Bicarbonate	120	0.5	20	MG/L
	ST106-GW-10613-26012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10613-26012010	WATER	N	Alkalinity, Total	120	0.5	20	MG/L
	ST106-GW-10615-12012010	WATER	N	Alkalinity, Bicarbonate	114	0.5	5	MG/L
	ST106-GW-10615-12012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10615-12012010	WATER	N	Alkalinity, Total	114	0.5	20	MG/L
	ST106-GW-10616-12012010	WATER	N	Alkalinity, Bicarbonate	112	0.5	5	MG/L
	ST106-GW-10616-12012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10616-12012010	WATER	N	Alkalinity, Total	112	0.5	20	MG/L
	ST106-GW-10617-27012010	WATER	N	Alkalinity, Bicarbonate	126	0.5	5	MG/L
	ST106-GW-10617-27012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10617-27012010	WATER	N	Alkalinity, Total	126	0.5	20	MG/L
	ST106-GW-10618-19012010	WATER	N	Alkalinity, Bicarbonate	130	0.5	5	MG/L
	ST106-GW-10618-19012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10618-19012010	WATER	N	Alkalinity, Total	130	0.5	20	MG/L
	ST106-GW-10619-18012010	WATER	N	Alkalinity, Bicarbonate	134	0.5	5	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E310.1								
	ST106-GW-10619-18012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10619-18012010	WATER	N	Alkalinity, Total	134	0.5	20	MG/L
	ST106-GW-10620-19012010	WATER	N	Alkalinity, Bicarbonate	130	0.5	5	MG/L
	ST106-GW-10620-19012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10620-19012010	WATER	N	Alkalinity, Total	130	0.5	20	MG/L
	ST106-GW-10621-20012010	WATER	N	Alkalinity, Bicarbonate	120	0.5	5	MG/L
	ST106-GW-10621-20012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10621-20012010	WATER	N	Alkalinity, Total	120	0.5	20	MG/L
	ST106-GW-1062-12012010	WATER	N	Alkalinity, Bicarbonate	126	0.5	5	MG/L
	ST106-GW-1062-12012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-1062-12012010	WATER	N	Alkalinity, Total	126	0.5	20	MG/L
	ST106-GW-10622-20012010	WATER	N	Alkalinity, Bicarbonate	128	0.5	5	MG/L
	ST106-GW-10622-20012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10622-20012010	WATER	N	Alkalinity, Total	128	0.5	20	MG/L
	ST106-GW-10623-21012010	WATER	N	Alkalinity, Bicarbonate	120	0.5	5	MG/L
	ST106-GW-10623-21012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10623-21012010	WATER	N	Alkalinity, Total	120	0.5	20	MG/L
	ST106-GW-10624-22012010	WATER	N	Alkalinity, Bicarbonate	148	0.5	5	MG/L
	ST106-GW-10624-22012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10624-22012010	WATER	N	Alkalinity, Total	148	0.5	20	MG/L
	ST106-GW-10625-21012010	WATER	N	Alkalinity, Bicarbonate	114	0.5	5	MG/L
	ST106-GW-10625-21012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-10625-21012010	WATER	N	Alkalinity, Total	114	0.5	20	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E310.1								
	ST106-GW-1063-13012010	WATER	N	Alkalinity, Bicarbonate	23	0.5	5	MG/L
	ST106-GW-1063-13012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-1063-13012010	WATER	N	Alkalinity, Total	23	0.5	5	MG/L
	ST106-GW-1064-13012010	WATER	N	Alkalinity, Bicarbonate	27	0.5	5	MG/L
	ST106-GW-1064-13012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-1064-13012010	WATER	N	Alkalinity, Total	27	0.5	5	MG/L
	ST106-GW-1067-11012010	WATER	N	Alkalinity, Bicarbonate	112	0.5	5	MG/L
	ST106-GW-1067-11012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-1067-11012010	WATER	N	Alkalinity, Total	112	0.5	20	MG/L
	ST106-GW-2819RC-13012010	WATER	N	Alkalinity, Bicarbonate	28.5	0.5	5	MG/L
	ST106-GW-2819RC-13012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-2819RC-13012010	WATER	N	Alkalinity, Total	28.5	0.5	5	MG/L
	ST106-GW-3411-14012010	WATER	N	Alkalinity, Bicarbonate	144	0.5	5	MG/L
	ST106-GW-3411-14012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-3411-14012010	WATER	N	Alkalinity, Total	144	0.5	20	MG/L
	ST106-GW-KAFB03-12012010	WATER	N	Alkalinity, Bicarbonate	108	0.5	5	MG/L
	ST106-GW-KAFB03-12012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-KAFB03-12012010	WATER	N	Alkalinity, Total	108	0.5	20	MG/L
	ST106-GW-KAFB15-12012010	WATER	N	Alkalinity, Bicarbonate	88	0.5	5	MG/L
	ST106-GW-KAFB15-12012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-KAFB15-12012010	WATER	N	Alkalinity, Total	88	0.5	20	MG/L
	ST106-GW-KAFB16-12012010	WATER	N	Alkalinity, Bicarbonate	96	0.5	5	MG/L
	ST106-GW-KAFB16-12012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E310.1								
	ST106-GW-KAFB16-12012010	WATER	N	Alkalinity, Total	96	0.5	20	MG/L
	ST106-GW-VA2-14012010	WATER	N	Alkalinity, Bicarbonate	98	0.5	5	MG/L
	ST106-GW-VA2-14012010	WATER	N	Alkalinity, Carbonate	5 U	0.5	5	MG/L
	ST106-GW-VA2-14012010	WATER	N	Alkalinity, Total	98	0.5	20	MG/L
E353.2								
	ST106-FD-10617-27012010	WATER	FD	Nitrate	0.24712	0.0035	0.1	MG/L
	ST106-FD-10623-21012010	WATER	FD	Nitrate	0.1362	0.0035	0.1	MG/L
	ST106-FD-1064-13012010	WATER	FD	Nitrate	2.1529	0.0035	0.1	MG/L
	ST106-GW-10611-11012010	WATER	N	Nitrate	0.1602	0.0035	0.1	MG/L
	ST106-GW-1061-13012010	WATER	N	Nitrate	0.1 U	0.0035	0.1	MG/L
	ST106-GW-10612-12012010	WATER	N	Nitrate	3.7269	0.0035	0.1	MG/L
	ST106-GW-10613-26012010	WATER	N	Nitrate	0.14911	0.0035	0.1	MG/L
	ST106-GW-10615-12012010	WATER	N	Nitrate	0.398	0.0035	0.1	MG/L
	ST106-GW-10616-12012010	WATER	N	Nitrate	0.084 J	0.0035	0.1	MG/L
	ST106-GW-10617-27012010	WATER	N	Nitrate	0.169	0.0035	0.1	MG/L
	ST106-GW-10618-19012010	WATER	N	Nitrate	0.1044	0.0035	0.1	MG/L
	ST106-GW-10619-18012010	WATER	N	Nitrate	0.1 UJ	0.0035	0.1	MG/L
	ST106-GW-10620-19012010	WATER	N	Nitrate	0.1 U	0.0035	0.1	MG/L
	ST106-GW-10621-20012010	WATER	N	Nitrate	0.42	0.0035	0.1	MG/L
	ST106-GW-1062-12012010	WATER	N	Nitrate	0.33085	0.0035	0.1	MG/L
	ST106-GW-10622-20012010	WATER	N	Nitrate	0.1 U	0.0035	0.1	MG/L
	ST106-GW-10623-21012010	WATER	N	Nitrate	0.046 J	0.0035	0.1	MG/L
	ST106-GW-10624-22012010	WATER	N	Nitrate	0.1 U	0.0035	0.1	MG/L
	ST106-GW-10625-21012010	WATER	N	Nitrate	0.2159	0.0035	0.1	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E353.2								
	ST106-GW-1063-13012010	WATER	N	Nitrate	3.6285	0.0035	0.1	MG/L
	ST106-GW-1064-13012010	WATER	N	Nitrate	2.1811	0.0035	0.1	MG/L
	ST106-GW-1067-11012010	WATER	N	Nitrate	0.8148	0.0035	0.1	MG/L
	ST106-GW-2819RC-13012010	WATER	N	Nitrate	1.69251	0.0035	0.1	MG/L
	ST106-GW-3411-14012010	WATER	N	Nitrate	0.09694 J	0.0035	0.1	MG/L
	ST106-GW-IDWtank-28012010	WATER	N	Nitrate	0.2656 S	0.0035	0.1	MG/L
	ST106-GW-KAFB03-12012010	WATER	N	Nitrate	0.3	0.0035	0.1	MG/L
	ST106-GW-KAFB15-12012010	WATER	N	Nitrate	0.1 U	0.0035	0.1	MG/L
	ST106-GW-KAFB16-12012010	WATER	N	Nitrate	0.1 U	0.0035	0.1	MG/L
	ST106-GW-VA2-14012010	WATER	N	Nitrate	0.066 J	0.0035	0.1	MG/L
SW6010B								
	ST106-FD-10613-15102009	WATER	FD	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-FD-10613-15102009	WATER	FD	Manganese, dissolved	7.85 J	0.35	10	UG/L
	ST106-FD-10617-27012010	WATER	FD	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-FD-10617-27012010	WATER	FD	Manganese, dissolved	3.73 J	0.35	10	UG/L
	ST106-FD-10622-13102009	WATER	FD	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-FD-10622-13102009	WATER	FD	Manganese, dissolved	0.996 J	0.35	10	UG/L
	ST106-FD-10623-21012010	WATER	FD	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-FD-10623-21012010	WATER	FD	Manganese, dissolved	8.32 J	0.35	10	UG/L
	ST106-FD-1064-13012010	WATER	FD	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-FD-1064-13012010	WATER	FD	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-10611-09102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10611-09102009	WATER	N	Manganese, dissolved	35.4	0.35	10	UG/L
	ST106-GW-10611-11012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW6010B								
	ST106-GW-10611-11012010	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-1061-12102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-1061-12102009	WATER	N	Manganese, dissolved	28.2	0.35	10	UG/L
	ST106-GW-1061-13012010	WATER	N	Iron, dissolved	13.6 J	5.5	100	UG/L
	ST106-GW-1061-13012010	WATER	N	Manganese, dissolved	17.8	0.35	10	UG/L
	ST106-GW-10612-09102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10612-09102009	WATER	N	Manganese, dissolved	157	0.35	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Iron, dissolved	75.1 J	5.5	100	UG/L
	ST106-GW-10612-12012010	WATER	N	Manganese, dissolved	202	0.35	10	UG/L
	ST106-GW-10613-15102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10613-15102009	WATER	N	Manganese, dissolved	8.25 J	0.35	10	UG/L
	ST106-GW-10613-26012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10613-26012010	WATER	N	Manganese, dissolved	7.27 J	0.35	10	UG/L
	ST106-GW-10615-09102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10615-09102009	WATER	N	Manganese, dissolved	1.82 J	0.35	10	UG/L
	ST106-GW-10615-12012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10615-12012010	WATER	N	Manganese, dissolved	1.48 J	0.35	10	UG/L
	ST106-GW-10616-09102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10616-09102009	WATER	N	Manganese, dissolved	4.6 J	0.35	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10616-12012010	WATER	N	Manganese, dissolved	10.2	0.35	10	UG/L
	ST106-GW-10617-16102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10617-16102009	WATER	N	Manganese, dissolved	5.08 J	0.35	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW6010B								
	ST106-GW-10617-27012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10617-27012010	WATER	N	Manganese, dissolved	3.75 J	0.35	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Iron, dissolved	264	5.5	100	UG/L
	ST106-GW-10618-19012010	WATER	N	Manganese, dissolved	1040	0.35	10	UG/L
	ST106-GW-10619-15102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10619-15102009	WATER	N	Manganese, dissolved	4.24 J	0.35	10	UG/L
	ST106-GW-10619-18012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10619-18012010	WATER	N	Manganese, dissolved	4.46 J	0.35	10	UG/L
	ST106-GW-10620-16102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10620-16102009	WATER	N	Manganese, dissolved	4.11 J	0.35	10	UG/L
	ST106-GW-10620-19012010	WATER	N	Iron, dissolved	9.7 J	5.5	100	UG/L
	ST106-GW-10620-19012010	WATER	N	Manganese, dissolved	5.4 J	0.35	10	UG/L
	ST106-GW-10621-14102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10621-14102009	WATER	N	Manganese, dissolved	4.44 J	0.35	10	UG/L
	ST106-GW-10621-20012010	WATER	N	Iron, dissolved	5.83 J	5.5	100	UG/L
	ST106-GW-10621-20012010	WATER	N	Manganese, dissolved	20.8	0.35	10	UG/L
	ST106-GW-1062-12012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-1062-12012010	WATER	N	Manganese, dissolved	9.08 J	0.35	10	UG/L
	ST106-GW-1062-12102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-1062-12102009	WATER	N	Manganese, dissolved	26.5	0.35	10	UG/L
	ST106-GW-10622-13102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10622-13102009	WATER	N	Manganese, dissolved	1.01 J	0.35	10	UG/L
	ST106-GW-10622-20012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW6010B								
	ST106-GW-10622-20012010	WATER	N	Manganese, dissolved	13.4	0.35	10	UG/L
	ST106-GW-10623-13102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10623-13102009	WATER	N	Manganese, dissolved	2.66 J	0.35	10	UG/L
	ST106-GW-10623-21012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10623-21012010	WATER	N	Manganese, dissolved	8.73 J	0.35	10	UG/L
	ST106-GW-10624-19102009	WATER	N	Iron, dissolved	386	5.5	100	UG/L
	ST106-GW-10624-19102009	WATER	N	Manganese, dissolved	580	0.35	10	UG/L
	ST106-GW-10624-22012010	WATER	N	Iron, dissolved	670	5.5	100	UG/L
	ST106-GW-10624-22012010	WATER	N	Manganese, dissolved	803	0.35	10	UG/L
	ST106-GW-10625-21012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-10625-21012010	WATER	N	Manganese, dissolved	5.08 J	0.35	10	UG/L
	ST106-GW-1063-13012010	WATER	N	Iron, dissolved	6.1 J	5.5	100	UG/L
	ST106-GW-1063-13012010	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-1063-19102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-1063-19102009	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-1064-12102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-1064-12102009	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-1064-13012010	WATER	N	Iron, dissolved	9.81 J	5.5	100	UG/L
	ST106-GW-1064-13012010	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-1067-09102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-1067-09102009	WATER	N	Manganese, dissolved	2.63 J	0.35	10	UG/L
	ST106-GW-1067-11012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-1067-11012010	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW6010B								
	ST106-GW-2819RC-08102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Iron, dissolved	9.12 J	5.5	100	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-3411-12102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-3411-12102009	WATER	N	Manganese, dissolved	146	0.35	10	UG/L
	ST106-GW-3411-14012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-3411-14012010	WATER	N	Manganese, dissolved	56.9	0.35	10	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Iron, dissolved	184 S	5.5	100	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Manganese, dissolved	43.4 S	0.35	10	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Iron, dissolved	168 S	5.5	100	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Manganese, dissolved	93.2 S	0.35	10	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Manganese, dissolved	18.9 J	0.35	10	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Manganese, dissolved	20.4	0.35	10	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Manganese, dissolved	5.18 J	0.35	10	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW6010B								
	ST106-GW-KAFB16-12012010	WATER	N	Manganese, dissolved	6.12 J	0.35	10	UG/L
	ST106-GW-VA-08102009	WATER	N	Iron, dissolved	100 U	5.5	100	UG/L
	ST106-GW-VA-08102009	WATER	N	Manganese, dissolved	10 U	0.35	10	UG/L
	ST106-GW-VA2-14012010	WATER	N	Iron, dissolved	54.9 J	5.5	100	UG/L
	ST106-GW-VA2-14012010	WATER	N	Manganese, dissolved	1.14 J	0.35	10	UG/L
SW8011								
	ST106-10613-LF501-1Q2010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,2-Dibromoethane	0.013 J	0.0061	0.02	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,2-Dibromoethane	0.0199 U	0.00608	0.0199	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,2-Dibromoethane	1.3	0.0305	0.1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,2-Dibromoethane	1.3	0.0305	0.1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,2-Dibromoethane	1.4	0.0305	0.1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,2-Dibromoethane	1.1	0.0305	0.1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,2-Dibromoethane	0.92	0.0305	0.1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,2-Dibromoethane	1.3	0.0305	0.1	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,2-Dibromoethane	0.48	0.0061	0.02	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,2-Dibromoethane	10.7 J	0.305	1	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,2-Dibromoethane	13.6 J	0.305	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,2-Dibromoethane	0.47	0.0061	0.02	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,2-Dibromoethane	0.44	0.0061	0.02	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,2-Dibromoethane	0.44 J	0.0122	0.04	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8011								
	ST106-10620-PDB491-1Q2010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,2-Dibromoethane	0.19 J	0.0061	0.02	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,2-Dibromoethane	0.23 J	0.0061	0.02	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,2-Dibromoethane	0.24 J	0.0061	0.02	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,2-Dibromoethane	0.95 J	0.0305	0.1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,2-Dibromoethane	0.94 J	0.0305	0.1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,2-Dibromoethane	0.87 J	0.0305	0.1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,2-Dibromoethane	0.02 UJ	0.0061	0.02	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,2-Dibromoethane	0.02 UJ	0.0061	0.02	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,2-Dibromoethane	0.02 UJ	0.0061	0.02	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,2-Dibromoethane	0.05	0.0061	0.02	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,2-Dibromoethane	0.055	0.00608	0.0199	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,2-Dibromoethane	0.045	0.0061	0.02	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,2-Dibromoethane	0.0198 U	0.00605	0.0198	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,2-Dibromoethane	1.2	0.0305	0.1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,2-Dibromoethane	0.44	0.0061	0.02	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	N	1,2-Dibromoethane	0.47 J	0.0122	0.04	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,2-Dibromoethane	0.46	0.0061	0.02	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2-Dibromoethane	0.75	0.0305	0.1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2-Dibromoethane	0.015 J	0.0061	0.02	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8011								
	ST106-GW-10611-09102009	WATER	N	1,2-Dibromoethane	0.018 J	0.0061	0.02	UG/L
	ST106-GW-10611-11012010	WATER	N	1,2-Dibromoethane	0.016 J	0.00608	0.0199	UG/L
	ST106-GW-1061-12102009	WATER	N	1,2-Dibromoethane	0.033	0.0061	0.02	UG/L
	ST106-GW-1061-13012010	WATER	N	1,2-Dibromoethane	0.087	0.0061	0.02	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-10615-09102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-10615-12012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-10616-09102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2-Dibromoethane	2.2 J	0.0601	0.197	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2-Dibromoethane	1.3	0.0304	0.0997	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2-Dibromoethane	21.9 J	3	10	UG/L
	ST106-GW-10619-15102009	WATER	N	1,2-Dibromoethane	0.69	0.0302	0.0989	UG/L
	ST106-GW-10619-18012010	WATER	N	1,2-Dibromoethane	0.46	0.0061	0.02	UG/L
	ST106-GW-10620-16102009	WATER	N	1,2-Dibromoethane	0.0196 U	0.00598	0.0196	UG/L
	ST106-GW-10620-19012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2-Dibromoethane	0.38	0.0119	0.039	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2-Dibromoethane	0.25 J	0.0061	0.02	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8011								
	ST106-GW-10622-13102009	WATER	N	1,2-Dibromoethane	0.69	0.0305	0.1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,2-Dibromoethane	0.92 J	0.0305	0.1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-10623-21012010	WATER	N	1,2-Dibromoethane	0.012 J	0.0061	0.02	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2-Dibromoethane	0.055	0.00593	0.0194	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2-Dibromoethane	0.02	0.0061	0.02	UG/L
	ST106-GW-10625-12112009	WATER	N	1,2-Dibromoethane	0.06	0.00605	0.0198	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2-Dibromoethane	0.059	0.0061	0.02	UG/L
	ST106-GW-1063-13012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-1063-19102009	WATER	N	1,2-Dibromoethane	0.0198 U	0.00605	0.0198	UG/L
	ST106-GW-1064-12102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-3411-12102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-3411-14012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,2-Dibromoethane	0.16 S	0.00598	0.0196	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2-Dibromoethane	1.4 S	0.0305	0.1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2-Dibromoethane	0.0199 U	0.00608	0.0199	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8011								
	ST106-GW-KAFB15-12012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-VA-08102009	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2-Dibromoethane	0.02 U	0.0061	0.02	UG/L
SW8015-E								
	ST106-FD-10613-15102009	WATER	FD	TPH C10-C28	0.25 U	0.05	0.25	MG/L
	ST106-FD-10617-27012010	WATER	FD	TPH C10-C28	0.098 J	0.05102	0.26	MG/L
	ST106-FD-10622-13102009	WATER	FD	TPH C10-C28	0.26 U	0.051545	0.26	MG/L
	ST106-FD-10623-21012010	WATER	FD	TPH C10-C28	0.26 U	0.051815	0.26	MG/L
	ST106-FD-1064-13012010	WATER	FD	TPH C10-C28	0.26 U	0.05128	0.26	MG/L
	ST106-GW-10611-09102009	WATER	N	TPH C10-C28	0.26 U	0.05128	0.26	MG/L
	ST106-GW-10611-11012010	WATER	N	TPH C10-C28	0.25 U	0.05025	0.25	MG/L
	ST106-GW-1061-12102009	WATER	N	TPH C10-C28	0.26 U	0.05128	0.26	MG/L
	ST106-GW-1061-13012010	WATER	N	TPH C10-C28	0.25 U	0.050505	0.25	MG/L
	ST106-GW-10612-09102009	WATER	N	TPH C10-C28	0.26 U	0.05263	0.26	MG/L
	ST106-GW-10612-12012010	WATER	N	TPH C10-C28	0.23 U	0.04673	0.23	MG/L
	ST106-GW-10613-15102009	WATER	N	TPH C10-C28	0.26 U	0.05263	0.26	MG/L
	ST106-GW-10613-26012010	WATER	N	TPH C10-C28	0.061 J	0.051545	0.26	MG/L
	ST106-GW-10615-09102009	WATER	N	TPH C10-C28	0.25 U	0.05076	0.25	MG/L
	ST106-GW-10615-12012010	WATER	N	TPH C10-C28	0.25 U	0.050505	0.25	MG/L
	ST106-GW-10616-09102009	WATER	N	TPH C10-C28	0.26 U	0.051545	0.26	MG/L
	ST106-GW-10616-12012010	WATER	N	TPH C10-C28	0.25 U	0.05025	0.25	MG/L
	ST106-GW-10617-16102009	WATER	N	TPH C10-C28	0.26 U	0.051545	0.26	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8015-E								
	ST106-GW-10617-27012010	WATER	N	TPH C10-C28	0.12 J	0.05102	0.26	MG/L
	ST106-GW-10618-19012010	WATER	N	TPH C10-C28	15	0.52	2.6	MG/L
	ST106-GW-10619-15102009	WATER	N	TPH C10-C28	0.29 U	0.05128	0.26	MG/L
	ST106-GW-10619-18012010	WATER	N	TPH C10-C28	0.26 U	0.051545	0.26	MG/L
	ST106-GW-10620-16102009	WATER	N	TPH C10-C28	0.28 U	0.05319	0.26	MG/L
	ST106-GW-10620-19012010	WATER	N	TPH C10-C28	0.091 J	0.051545	0.26	MG/L
	ST106-GW-10621-14102009	WATER	N	TPH C10-C28	0.38 U	0.05263	0.26	MG/L
	ST106-GW-10621-20012010	WATER	N	TPH C10-C28	0.24 U	0.04717	0.24	MG/L
	ST106-GW-1062-12012010	WATER	N	TPH C10-C28	0.26 U	0.05128	0.26	MG/L
	ST106-GW-1062-12102009	WATER	N	TPH C10-C28	0.25 U	0.05076	0.25	MG/L
	ST106-GW-10622-13102009	WATER	N	TPH C10-C28	0.26 U	0.05128	0.26	MG/L
	ST106-GW-10622-20012010	WATER	N	TPH C10-C28	0.26 U	0.051545	0.26	MG/L
	ST106-GW-10623-13102009	WATER	N	TPH C10-C28	0.25 U	0.050505	0.25	MG/L
	ST106-GW-10623-21012010	WATER	N	TPH C10-C28	0.26 U	0.051545	0.26	MG/L
	ST106-GW-10624-19102009	WATER	N	TPH C10-C28	0.32 U	0.051545	0.26	MG/L
	ST106-GW-10624-22012010	WATER	N	TPH C10-C28	0.11 J	0.051545	0.26	MG/L
	ST106-GW-10625-12112009	WATER	N	TPH C10-C28	0.06 J	0.05076	0.25	MG/L
	ST106-GW-10625-21012010	WATER	N	TPH C10-C28	0.26 U	0.051545	0.26	MG/L
	ST106-GW-1063-13012010	WATER	N	TPH C10-C28	0.25 U	0.05025	0.25	MG/L
	ST106-GW-1063-19102009	WATER	N	TPH C10-C28	0.27 U	0.054945	0.27	MG/L
	ST106-GW-1064-12102009	WATER	N	TPH C10-C28	0.26 U	0.05319	0.26	MG/L
	ST106-GW-1064-13012010	WATER	N	TPH C10-C28	0.26 U	0.05128	0.26	MG/L
	ST106-GW-1067-09102009	WATER	N	TPH C10-C28	0.26 U	0.05263	0.26	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8015-E								
	ST106-GW-1067-11012010	WATER	N	TPH C10-C28	0.26 U	0.05128	0.26	MG/L
	ST106-GW-2819RC-08102009	WATER	N	TPH C10-C28	0.25 U	0.05076	0.25	MG/L
	ST106-GW-2819RC-13012010	WATER	N	TPH C10-C28	0.26 U	0.05128	0.26	MG/L
	ST106-GW-3411-12102009	WATER	N	TPH C10-C28	0.26 U	0.05102	0.26	MG/L
	ST106-GW-3411-14012010	WATER	N	TPH C10-C28	0.074 J	0.051815	0.26	MG/L
	ST106-GW-IDWTANK-19102009	WATER	N	TPH C10-C28	0.21 SJ	0.05128	0.26	MG/L
	ST106-GW-IDWtank-28012010	WATER	N	TPH C10-C28	0.75 S	0.05319	0.26	MG/L
	ST106-GW-KAFB03-08102009	WATER	N	TPH C10-C28	0.26 U	0.05263	0.26	MG/L
	ST106-GW-KAFB03-12012010	WATER	N	TPH C10-C28	0.26 U	0.05128	0.26	MG/L
	ST106-GW-KAFB15-08102009	WATER	N	TPH C10-C28	0.26 U	0.051545	0.26	MG/L
	ST106-GW-KAFB15-12012010	WATER	N	TPH C10-C28	0.24 U	0.04717	0.24	MG/L
	ST106-GW-KAFB16-08102009	WATER	N	TPH C10-C28	0.26 U	0.05263	0.26	MG/L
	ST106-GW-KAFB16-12012010	WATER	N	TPH C10-C28	0.27 U	0.053475	0.27	MG/L
	ST106-GW-VA-08102009	WATER	N	TPH C10-C28	0.26 U	0.05319	0.26	MG/L
	ST106-GW-VA2-14012010	WATER	N	TPH C10-C28	0.26 U	0.05102	0.26	MG/L
SW8015-P								
	ST106-FD-10613-15102009	WATER	FD	TPH C6-C10	0.1	0.0085	0.064	MG/L
	ST106-FD-10617-27012010	WATER	FD	TPH C6-C10	0.059 J	0.0085	0.064	MG/L
	ST106-FD-10622-13102009	WATER	FD	TPH C6-C10	0.13	0.0085	0.064	MG/L
	ST106-FD-10623-21012010	WATER	FD	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-FD-1064-13012010	WATER	FD	TPH C6-C10	0.064 UJ	0.0085	0.064	MG/L
	ST106-GW-10611-09102009	WATER	N	TPH C6-C10	0.11 J	0.0085	0.064	MG/L
	ST106-GW-10611-11012010	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-1061-12102009	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8015-P								
	ST106-GW-1061-13012010	WATER	N	TPH C6-C10	0.064 UJ	0.0085	0.064	MG/L
	ST106-GW-10612-09102009	WATER	N	TPH C6-C10	0.0098 J	0.0085	0.064	MG/L
	ST106-GW-10612-12012010	WATER	N	TPH C6-C10	0.064 UJ	0.0085	0.064	MG/L
	ST106-GW-10613-15102009	WATER	N	TPH C6-C10	0.097	0.0085	0.064	MG/L
	ST106-GW-10613-26012010	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-10615-09102009	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-10615-12012010	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-10616-09102009	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-10616-12012010	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-10617-16102009	WATER	N	TPH C6-C10	0.063 J	0.0085	0.064	MG/L
	ST106-GW-10617-27012010	WATER	N	TPH C6-C10	0.039 J	0.0085	0.064	MG/L
	ST106-GW-10618-19012010	WATER	N	TPH C6-C10	11.2	0.85	6.4	MG/L
	ST106-GW-10619-15102009	WATER	N	TPH C6-C10	0.093	0.0085	0.064	MG/L
	ST106-GW-10619-18012010	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-10620-16102009	WATER	N	TPH C6-C10	0.69	0.0085	0.064	MG/L
	ST106-GW-10620-19012010	WATER	N	TPH C6-C10	0.37	0.0085	0.064	MG/L
	ST106-GW-10621-14102009	WATER	N	TPH C6-C10	0.12	0.0085	0.064	MG/L
	ST106-GW-10621-20012010	WATER	N	TPH C6-C10	0.021 J	0.0085	0.064	MG/L
	ST106-GW-1062-12012010	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-1062-12102009	WATER	N	TPH C6-C10	0.068	0.0085	0.064	MG/L
	ST106-GW-10622-13102009	WATER	N	TPH C6-C10	0.13	0.0085	0.064	MG/L
	ST106-GW-10622-20012010	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-10623-13102009	WATER	N	TPH C6-C10	0.028 J	0.0085	0.064	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8015-P								
	ST106-GW-10623-21012010	WATER	N	TPH C6-C10	0.064 UJ	0.0085	0.064	MG/L
	ST106-GW-10624-19102009	WATER	N	TPH C6-C10	0.05 J	0.0085	0.064	MG/L
	ST106-GW-10624-22012010	WATER	N	TPH C6-C10	0.055 J	0.0085	0.064	MG/L
	ST106-GW-10625-12112009	WATER	N	TPH C6-C10	0.01 J	0.0085	0.064	MG/L
	ST106-GW-10625-21012010	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-1063-13012010	WATER	N	TPH C6-C10	0.064 UJ	0.0085	0.064	MG/L
	ST106-GW-1063-19102009	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-1064-12102009	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-1064-13012010	WATER	N	TPH C6-C10	0.064 UJ	0.0085	0.064	MG/L
	ST106-GW-1067-09102009	WATER	N	TPH C6-C10	0.027 J	0.0085	0.064	MG/L
	ST106-GW-1067-11012010	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-2819RC-08102009	WATER	N	TPH C6-C10	0.064 U	0.008	0.064	MG/L
	ST106-GW-2819RC-13012010	WATER	N	TPH C6-C10	0.064 UJ	0.0085	0.064	MG/L
	ST106-GW-3411-12102009	WATER	N	TPH C6-C10	0.012 J	0.0085	0.064	MG/L
	ST106-GW-3411-14012010	WATER	N	TPH C6-C10	0.064 UJ	0.0085	0.064	MG/L
	ST106-GW-IDWTANK-19102009	WATER	N	TPH C6-C10	0.064 SU	0.0085	0.064	MG/L
	ST106-GW-IDWtank-28012010	WATER	N	TPH C6-C10	0.15 S	0.0085	0.064	MG/L
	ST106-GW-KAFB03-08102009	WATER	N	TPH C6-C10	0.064 U	0.008	0.064	MG/L
	ST106-GW-KAFB03-12012010	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L
	ST106-GW-KAFB15-08102009	WATER	N	TPH C6-C10	0.064 U	0.008	0.064	MG/L
	ST106-GW-KAFB15-12012010	WATER	N	TPH C6-C10	0.064 UJ	0.0085	0.064	MG/L
	ST106-GW-KAFB16-08102009	WATER	N	TPH C6-C10	0.064 U	0.008	0.064	MG/L
	ST106-GW-KAFB16-12012010	WATER	N	TPH C6-C10	0.064 U	0.0085	0.064	MG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8015-P								
	ST106-GW-VA-08102009	WATER	N	TPH C6-C10	0.064 U	0.008	0.064	MG/L
	ST106-GW-VA2-14012010	WATER	N	TPH C6-C10	0.064 UJ	0.0085	0.064	MG/L
SW8260B								
	ST106-10613-LF501-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-LF501-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-LF501-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Toluene	0.33 J	0.14	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10613-LF501-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-LF506-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-LF506-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Benzene	0.77 J	0.17	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Ethylbenzene	0.46 J	0.22	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-LF506-1Q2010	WATER	N	m,p-Xylene	0.95 J	0.23	2	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Toluene	1.6	0.14	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10613-LF506-1Q2010	WATER	N	Xylenes, Total	0.95 J	0.5	3	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-LF514-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-LF514-1Q2010	WATER	N	Benzene	0.85 J	0.17	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Ethylbenzene	0.5 J	0.22	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	m,p-Xylene	0.99 J	0.23	2	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-LF514-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Toluene	0.67 J	0.14	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10613-LF514-1Q2010	WATER	N	Xylenes, Total	0.99 J	0.5	3	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-PDB501-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-PDB501-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-PDB501-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10613-PDB501-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-PDB506-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-PDB506-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-PDB506-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10613-PDB506-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-PDB514-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-PDB514-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10613-PDB514-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10613-PDB514-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1.4	0.13	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,2-Dibromoethane	1.1	0.11	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-LF493-1Q2010	WATER	N	1,3,5-Trimethylbenzene	0.18 J	0.14	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-LF493-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Isopropylbenzene	1.2	0.14	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	m,p-Xylene	5.2	0.23	2	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	n-Propylbenzene	0.15 J	0.14	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	sec-Butylbenzene	0.2 J	0.1	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Tetrachloroethene	0.25 J	0.21	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-LF493-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10617-LF493-1Q2010	WATER	N	Xylenes, Total	5.2	0.5	3	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,2,4-Trimethylbenzene	0.73 J	0.13	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,2-Dibromoethane	0.98 J	0.11	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,3,5-Trimethylbenzene	0.15 J	0.14	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-LF498-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-LF498-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Isopropylbenzene	1.1	0.14	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	m,p-Xylene	4.3	0.23	2	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	sec-Butylbenzene	0.14 J	0.1	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Tetrachloroethene	0.22 J	0.21	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Toluene	0.17 J	0.14	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10617-LF498-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-LF498-1Q2010	WATER	N	Xylenes, Total	4.3	0.5	3	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1.2	0.13	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,2-Dibromoethane	1.2	0.11	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,3,5-Trimethylbenzene	0.2 J	0.14	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-LF509-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Benzene	0.59 J	0.17	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Ethylbenzene	0.35 J	0.22	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-LF509-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Isopropylbenzene	1.1	0.14	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	m,p-Xylene	5.3	0.23	2	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	n-Propylbenzene	0.18 J	0.14	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	sec-Butylbenzene	0.16 J	0.1	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Tetrachloroethene	0.29 J	0.21	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Toluene	0.65 J	0.14	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10617-LF509-1Q2010	WATER	N	Xylenes, Total	5.6	0.5	3	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-PDB493-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,2-Dibromoethane	0.9 J	0.11	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-PDB493-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-PDB493-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Tetrachloroethene	0.25 J	0.21	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10617-PDB493-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-PDB498-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,2-Dibromoethane	0.72 J	0.11	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-PDB498-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-PDB498-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10617-PDB498-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-PDB509-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,2-Dibromoethane	0.93 J	0.11	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-PDB509-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10617-PDB509-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Tetrachloroethene	0.23 J	0.21	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10617-PDB509-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	5 U	0.7	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,1,1-Trichloroethane	5 U	0.7	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	5 U	0.65	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,1,2-Trichloroethane	5 U	1	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,1-Dichloroethane	5 U	0.75	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,1-Dichloroethene	5 U	0.95	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,1-Dichloropropene	5 U	1.5	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,2,3-Trichlorobenzene	6.1 U	0.8	6.1	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,2,3-Trichloropropane	7.6 U	1.8	7.6	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,2,4-Trichlorobenzene	5 U	0.55	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,2,4-Trimethylbenzene	41.6	0.65	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10618-PDB486-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	25 U	5	25	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,2-Dibromoethane	8.5	0.55	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,2-Dichlorobenzene	5 U	0.38	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,2-Dichloroethane	5 U	0.75	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,2-Dichloropropane	5 U	0.75	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,3,5-Trimethylbenzene	11.2	0.7	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,3-Dichlorobenzene	5 U	0.75	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,3-Dichloropropane	5 U	1.5	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	1,4-Dichlorobenzene	5 U	0.75	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	2,2-Dichloropropane	25 U	0.85	25	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	2-Butanone	13.9 J	10	30	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	2-Chlorotoluene	5 U	0.36	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	2-Hexanone	25 U	2.4	25	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	4-Chlorotoluene	5 U	0.75	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	4-Methyl-2-Pentanone	36.6	5	25	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Acetone	18.8 J	6.5	50	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Benzene	1410	8.5	50	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Bromobenzene	5 U	1	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Bromochloromethane	5 U	0.85	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Bromodichloromethane	5 U	0.75	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Bromoform	5 U	0.95	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Bromomethane	10 U	2.2	10	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Carbon disulfide	10 U	0.95	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10618-PDB486-1Q2010	WATER	N	Carbon tetrachloride	5 U	0.7	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Chlorobenzene	5 U	0.8	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Chloroethane	10 U	3.6	10	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Chloroform	5 U	0.8	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Chloromethane	10 U	1.6	10	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	cis-1,2-Dichloroethene	5 U	0.95	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	cis-1,3-Dichloropropene	5 U	0.6	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Dibromochloromethane	5 U	0.65	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Dibromomethane	5.3 U	0.55	5.3	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Dichlorodifluoromethane	10 U	0.85	10	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Ethylbenzene	67.6	1.1	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Hexachlorobutadiene	5 U	1.8	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Isopropylbenzene	4.3 J	0.7	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	m,p-Xylene	283	1.2	10	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	25 U	0.8	25	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Methylene chloride	25 U	3.3	25	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Naphthalene	18.8	2.5	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	n-Butylbenzene	5 U	0.8	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	n-Propylbenzene	5 U	0.7	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	o-Xylene	134	2.5	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	p-Isopropyltoluene	1.2 J	0.7	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	sec-Butylbenzene	0.67 J	0.5	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Styrene	5 U	0.6	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10618-PDB486-1Q2010	WATER	N	tert-Butylbenzene	5 U	1	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Tetrachloroethene	5 U	1	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Toluene	43.3	0.7	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Trans-1,2-Dichloroethene	5 U	1.6	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	trans-1,3-Dichloropropene	5 U	1.5	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Trichloroethene	5 U	0.95	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Trichlorofluoromethane	10 U	0.6	10	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Vinyl Chloride	5 U	0.9	5	UG/L
	ST106-10618-PDB486-1Q2010	WATER	N	Xylenes, Total	417	2.5	15	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	5 U	0.7	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,1,1-Trichloroethane	5 U	0.7	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	5 U	0.65	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,1,2-Trichloroethane	5 U	1	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,1-Dichloroethane	5 U	0.75	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,1-Dichloroethene	5 U	0.95	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,1-Dichloropropene	5 U	1.5	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,2,3-Trichlorobenzene	6.1 U	0.8	6.1	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,2,3-Trichloropropane	7.6 U	1.8	7.6	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,2,4-Trichlorobenzene	5 U	0.55	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,2,4-Trimethylbenzene	117	0.65	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	25 U	5	25	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,2-Dibromoethane	13.1	0.55	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,2-Dichlorobenzene	5 U	0.38	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10618-PDB491-1Q2010	WATER	N	1,2-Dichloroethane	5 U	0.75	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,2-Dichloropropane	5 U	0.75	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,3,5-Trimethylbenzene	30.5	0.7	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,3-Dichlorobenzene	5 U	0.75	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,3-Dichloropropane	5 U	1.5	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	1,4-Dichlorobenzene	5 U	0.75	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	2,2-Dichloropropane	25 U	0.85	25	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	2-Butanone	32.3	10	30	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	2-Chlorotoluene	5 U	0.36	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	2-Hexanone	25 U	2.4	25	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	4-Chlorotoluene	5 U	0.75	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	4-Methyl-2-Pentanone	25 U	5	25	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Acetone	50 U	6.5	50	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Benzene	2470	8.5	50	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Bromobenzene	5 U	1	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Bromochloromethane	5 U	0.85	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Bromodichloromethane	5 U	0.75	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Bromoform	5 U	0.95	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Bromomethane	10 U	2.2	10	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Carbon disulfide	10 U	0.95	10	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Carbon tetrachloride	5 U	0.7	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Chlorobenzene	5 U	0.8	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Chloroethane	10 U	3.6	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10618-PDB491-1Q2010	WATER	N	Chloroform	5 U	0.8	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Chloromethane	10 U	1.6	10	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	cis-1,2-Dichloroethene	5 U	0.95	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	cis-1,3-Dichloropropene	5 U	0.6	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Dibromochloromethane	5 U	0.65	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Dibromomethane	5.3 U	0.55	5.3	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Dichlorodifluoromethane	10 U	0.85	10	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Ethylbenzene	334	1.1	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Hexachlorobutadiene	5 U	1.8	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Isopropylbenzene	39.6	0.7	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	m,p-Xylene	730	1.2	10	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	25 U	0.8	25	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Methylene chloride	25 U	3.3	25	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Naphthalene	49.8	2.5	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	n-Butylbenzene	5 U	0.8	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	n-Propylbenzene	25.5	0.7	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	o-Xylene	314	2.5	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	p-Isopropyltoluene	5 U	0.7	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	sec-Butylbenzene	5 U	0.5	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Styrene	5 U	0.6	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	tert-Butylbenzene	5 U	1	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Tetrachloroethene	5 U	1	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Toluene	98.9	0.7	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10618-PDB491-1Q2010	WATER	N	Trans-1,2-Dichloroethene	5 U	1.6	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	trans-1,3-Dichloropropene	5 U	1.5	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Trichloroethene	5 U	0.95	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Trichlorofluoromethane	10 U	0.6	10	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Vinyl Chloride	5 U	0.9	5	UG/L
	ST106-10618-PDB491-1Q2010	WATER	N	Xylenes, Total	1040	2.5	15	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	5 U	0.7	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,1,1-Trichloroethane	5 U	0.7	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	5 U	0.65	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,1,2-Trichloroethane	5 U	1	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,1-Dichloroethane	5 U	0.75	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,1-Dichloroethene	5 U	0.95	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,1-Dichloropropene	5 U	1.5	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,2,3-Trichlorobenzene	6.1 U	0.8	6.1	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,2,3-Trichloropropane	7.6 U	1.8	7.6	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,2,4-Trichlorobenzene	5 U	0.55	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,2,4-Trimethylbenzene	79.5	0.65	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	25 U	5	25	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,2-Dibromoethane	14.5	0.55	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,2-Dichlorobenzene	5 U	0.38	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,2-Dichloroethane	5 U	0.75	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,2-Dichloropropane	5 U	0.75	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,3,5-Trimethylbenzene	20.2	0.7	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10618-PDB501-1Q2010	WATER	N	1,3-Dichlorobenzene	5 U	0.75	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,3-Dichloropropane	5 U	1.5	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	1,4-Dichlorobenzene	5 U	0.75	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	2,2-Dichloropropane	25 U	0.85	25	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	2-Butanone	37.8	10	30	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	2-Chlorotoluene	5 U	0.36	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	2-Hexanone	25 U	2.4	25	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	4-Chlorotoluene	5 U	0.75	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	4-Methyl-2-Pentanone	25 U	5	25	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Acetone	50 U	6.5	50	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Benzene	2620	8.5	50	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Bromobenzene	5 U	1	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Bromochloromethane	5 U	0.85	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Bromodichloromethane	5 U	0.75	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Bromoform	5 U	0.95	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Bromomethane	10 U	2.2	10	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Carbon disulfide	10 U	0.95	10	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Carbon tetrachloride	5 U	0.7	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Chlorobenzene	5 U	0.8	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Chloroethane	10 U	3.6	10	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Chloroform	5 U	0.8	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Chloromethane	10 U	1.6	10	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	cis-1,2-Dichloroethene	5 U	0.95	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10618-PDB501-1Q2010	WATER	N	cis-1,3-Dichloropropene	5 U	0.6	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Dibromochloromethane	5 U	0.65	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Dibromomethane	5.3 U	0.55	5.3	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Dichlorodifluoromethane	10 U	0.85	10	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Ethylbenzene	332	1.1	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Hexachlorobutadiene	5 U	1.8	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Isopropylbenzene	30.4	0.7	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	m,p-Xylene	669	1.2	10	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	25 U	0.8	25	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Methylene chloride	25 U	3.3	25	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Naphthalene	40.6	2.5	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	n-Butylbenzene	5 U	0.8	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	n-Propylbenzene	18.5	0.7	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	o-Xylene	286	2.5	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	p-Isopropyltoluene	5 U	0.7	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	sec-Butylbenzene	5 U	0.5	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Styrene	5 U	0.6	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	tert-Butylbenzene	5 U	1	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Tetrachloroethene	5 U	1	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Toluene	122	0.7	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Trans-1,2-Dichloroethene	5 U	1.6	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	trans-1,3-Dichloropropene	5 U	1.5	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Trichloroethene	5 U	0.95	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10618-PDB501-1Q2010	WATER	N	Trichlorofluoromethane	10 U	0.6	10	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Vinyl Chloride	5 U	0.9	5	UG/L
	ST106-10618-PDB501-1Q2010	WATER	N	Xylenes, Total	955	2.5	15	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,2-Dibromoethane	0.59 J	0.11	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10619-PDB505-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10619-PDB505-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10619-PDB505-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10619-PDB510-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,2-Dibromoethane	0.56 J	0.11	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10619-PDB510-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10619-PDB510-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10619-PDB510-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10619-PDB518-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,2-Dibromoethane	0.64 J	0.11	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10619-PDB518-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10619-PDB518-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10619-PDB518-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10620-PDB491-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Acetone	1.4 J	1.3	10	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10620-PDB491-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10620-PDB491-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10620-PDB491-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10620-PDB496-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Acetone	1.5 J	1.3	10	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Benzene	0.56 J	0.17	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10620-PDB496-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Isopropylbenzene	1.3	0.14	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10620-PDB496-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10620-PDB496-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10620-PDB507-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Acetone	1.8 J	1.3	10	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Benzene	0.58 J	0.17	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10620-PDB507-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Isopropylbenzene	1.2	0.14	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10620-PDB507-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10620-PDB507-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,2-Dibromoethane	0.25 J	0.11	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,2-Dichloroethane	0.34 J	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10621-PDB467-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10621-PDB467-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10621-PDB467-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10621-PDB467-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,2-Dibromoethane	0.26 J	0.11	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,2-Dichloroethane	0.33 J	0.15	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10621-PDB472-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10621-PDB472-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10621-PDB472-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10621-PDB472-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,2-Dibromoethane	0.26 J	0.11	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,2-Dichloroethane	0.32 J	0.15	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10621-PDB482-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10621-PDB482-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10621-PDB482-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10622-PDB472-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,2-Dibromoethane	1	0.11	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,2-Dichloroethane	0.25 J	0.15	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10622-PDB472-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Acetone	1.5 J	1.3	10	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10622-PDB472-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10622-PDB472-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10622-PDB477-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,2-Dibromoethane	1.1	0.11	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,2-Dichloroethane	0.22 J	0.15	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10622-PDB477-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10622-PDB477-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10622-PDB477-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10622-PDB487-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,2-Dibromoethane	1	0.11	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,2-Dichloroethane	0.23 J	0.15	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Acetone	2.8 J	1.3	10	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10622-PDB487-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10622-PDB487-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10622-PDB487-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10623-PDB481-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10623-PDB481-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10623-PDB481-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10623-PDB481-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10623-PDB486-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10623-PDB486-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10623-PDB486-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10623-PDB486-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10623-PDB497-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10623-PDB497-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10623-PDB497-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10623-PDB497-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10625-PDB473-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10625-PDB473-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10625-PDB473-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10625-PDB473-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10625-PDB478-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10625-PDB478-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10625-PDB478-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10625-PDB486-1Q2010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10625-PDB486-1Q2010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-10625-PDB486-1Q2010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-10625-PDB486-1Q2010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,1-Dichloroethane	1 U	0.28	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10613-15102009	WATER	FD	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-FD-10613-15102009	WATER	FD	2-Butanone	6 U	4	6	UG/L
	ST106-FD-10613-15102009	WATER	FD	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	2-Hexanone	5 U	0.95	5	UG/L
	ST106-FD-10613-15102009	WATER	FD	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-FD-10613-15102009	WATER	FD	Acetone	10 U	5.6	10	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzene	1 U	0.16	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10613-15102009	WATER	FD	Bromobenzene	1 U	0.27	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Bromoform	1 U	0.36	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Bromomethane	2 U	0.76	2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Chloroethane	2 U	0.99	2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Chloroform	1 U	0.29	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Chloromethane	2 U	0.68	2	UG/L
	ST106-FD-10613-15102009	WATER	FD	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-FD-10613-15102009	WATER	FD	Methylene chloride	5 U	0.52	5	UG/L
	ST106-FD-10613-15102009	WATER	FD	Naphthalene	1 U	0.32	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10613-15102009	WATER	FD	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	o-Xylene	1 U	0.2	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Styrene	1 U	0.2	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Toluene	28.4	0.22	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Trichloroethene	1 U	0.42	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10617-27012010	WATER	FD	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,2,4-Trimethylbenzene	0.23 J	0.13	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,2-Dibromoethane	1.1	0.11	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-FD-10617-27012010	WATER	FD	2-Butanone	6 U	2	6	UG/L
	ST106-FD-10617-27012010	WATER	FD	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	2-Hexanone	5 U	0.48	5	UG/L
	ST106-FD-10617-27012010	WATER	FD	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-FD-10617-27012010	WATER	FD	Acetone	10 U	1.3	10	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzene	0.31 J	0.17	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Bromobenzene	1 U	0.21	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Bromodichloromethane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10617-27012010	WATER	FD	Bromoform	1 U	0.19	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Bromomethane	2 U	0.43	2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Chloroethane	2 U	0.72	2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Chloroform	1 U	0.16	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Chloromethane	2 U	0.32	2	UG/L
	ST106-FD-10617-27012010	WATER	FD	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Isopropylbenzene	1.1	0.14	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	m,p-Xylene	4.1	0.23	2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-FD-10617-27012010	WATER	FD	Methylene chloride	5 U	0.66	5	UG/L
	ST106-FD-10617-27012010	WATER	FD	Naphthalene	1 U	0.5	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	n-Propylbenzene	0.15 J	0.14	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	o-Xylene	1 U	0.5	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
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Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10617-27012010	WATER	FD	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	sec-Butylbenzene	0.14 J	0.1	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Styrene	1 U	0.12	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Tetrachloroethene	0.3 J	0.21	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Toluene	0.59 J	0.14	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Trichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Xylenes, Total	4.2	0.5	3	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
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Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,2-Dibromoethane	0.55 J	0.11	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	2-Butanone	6 U	2	6	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	2-Hexanone	5 U	0.48	5	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Acetone	10 U	1.3	10	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Benzene	1 U	0.17	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Bromobenzene	1 U	0.21	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Bromoform	1 U	0.19	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Bromomethane	2 U	0.43	2	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Carbon disulfide	2 U	0.19	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
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Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Chloroethane	2 U	0.72	2	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Chloroform	1 U	0.16	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Chloromethane	2 U	0.32	2	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Methylene chloride	5 U	0.66	5	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Naphthalene	1 U	0.5	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	o-Xylene	1 U	0.5	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Styrene	1 U	0.12	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
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Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10619-PDB505-1Q10	WATER	FD	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Toluene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Trichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-FD-10619-PDB505-1Q10	WATER	FD	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,2-Dibromoethane	0.53 J	0.11	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,2-Dichlorobenzene	1 U	0.077	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	2-Butanone	6 U	2	6	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	2-Hexanone	5 U	0.48	5	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Acetone	10 U	1.3	10	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Benzene	1 U	0.17	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Bromobenzene	1 U	0.21	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Bromoform	1 U	0.19	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Bromomethane	2 U	0.43	2	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Chloroethane	2 U	0.72	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Chloroform	1 U	0.16	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Chloromethane	2 U	0.32	2	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Methylene chloride	5 U	0.66	5	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Naphthalene	1 U	0.5	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	o-Xylene	1 U	0.5	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Styrene	1 U	0.12	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Toluene	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Trichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-FD-10619-PDB510-1Q10	WATER	FD	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,2-Dibromoethane	0.58 J	0.11	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	2-Butanone	6 U	2	6	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	2-Hexanone	5 U	0.48	5	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Acetone	10 U	1.3	10	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Benzene	1 U	0.17	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Bromobenzene	1 U	0.21	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Bromoform	1 U	0.19	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Bromomethane	2 U	0.43	2	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Chloroethane	2 U	0.72	2	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Chloroform	1 U	0.16	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Chloromethane	2 U	0.32	2	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10619-PDB518-1Q10	WATER	FD	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Methylene chloride	5 U	0.66	5	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Naphthalene	1 U	0.5	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	o-Xylene	1 U	0.5	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Styrene	1 U	0.12	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Toluene	1 U	0.14	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Trichloroethene	1 U	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-FD-10619-PDB518-1Q10	WATER	FD	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2-Dibromoethane	0.59 J	0.33	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,4-Dichlorobenzene	1 U	0.24	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10622-13102009	WATER	FD	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-FD-10622-13102009	WATER	FD	2-Butanone	6 U	4	6	UG/L
	ST106-FD-10622-13102009	WATER	FD	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	2-Hexanone	5 U	0.95	5	UG/L
	ST106-FD-10622-13102009	WATER	FD	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-FD-10622-13102009	WATER	FD	Acetone	10 U	5.6	10	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzene	1 U	0.16	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Bromobenzene	1 U	0.27	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Bromoform	1 U	0.36	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Bromomethane	2 U	0.76	2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Chloroethane	2 U	0.99	2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Chloroform	1 U	0.29	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Chloromethane	2 U	0.68	2	UG/L
	ST106-FD-10622-13102009	WATER	FD	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Dibromomethane	1.1 U	0.53	1.1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10622-13102009	WATER	FD	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-FD-10622-13102009	WATER	FD	Methylene chloride	5 U	0.52	5	UG/L
	ST106-FD-10622-13102009	WATER	FD	Naphthalene	1 U	0.32	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	o-Xylene	1 U	0.2	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Styrene	1 U	0.2	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Toluene	56.6	0.22	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Trichloroethene	1 U	0.42	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Xylenes, Total	3 U	0.27	3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10623-21012010	WATER	FD	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-FD-10623-21012010	WATER	FD	2-Butanone	6 U	2	6	UG/L
	ST106-FD-10623-21012010	WATER	FD	2-Chlorotoluene	1 U	0.072	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10623-21012010	WATER	FD	2-Hexanone	5 U	0.48	5	UG/L
	ST106-FD-10623-21012010	WATER	FD	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Acetone	10 U	1.3	10	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzene	1.1	0.17	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Bromobenzene	1 U	0.21	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Bromoform	1 U	0.19	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Bromomethane	2 U	0.43	2	UG/L
	ST106-FD-10623-21012010	WATER	FD	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-FD-10623-21012010	WATER	FD	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Chloroethane	2 U	0.72	2	UG/L
	ST106-FD-10623-21012010	WATER	FD	Chloroform	1 U	0.16	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Chloromethane	2 U	0.32	2	UG/L
	ST106-FD-10623-21012010	WATER	FD	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-FD-10623-21012010	WATER	FD	Ethylbenzene	0.66 J	0.22	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Hexachlorobutadiene	1 U	0.36	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-10623-21012010	WATER	FD	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	m,p-Xylene	1.1 J	0.23	2	UG/L
	ST106-FD-10623-21012010	WATER	FD	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Methylene chloride	5 U	0.66	5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Naphthalene	1 U	0.5	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	o-Xylene	1 U	0.5	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Styrene	1 U	0.12	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Toluene	0.91 J	0.14	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Trichloroethene	1 U	0.19	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-FD-10623-21012010	WATER	FD	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Xylenes, Total	1.6 J	0.5	3	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-1064-13012010	WATER	FD	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-FD-1064-13012010	WATER	FD	2-Butanone	6 U	2	6	UG/L
	ST106-FD-1064-13012010	WATER	FD	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	2-Hexanone	5 U	0.48	5	UG/L
	ST106-FD-1064-13012010	WATER	FD	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	4-Methyl-2-Pentanone	5 U	1	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-1064-13012010	WATER	FD	Acetone	10 U	1.3	10	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzene	1 U	0.17	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Bromobenzene	1 U	0.21	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Bromoform	1 U	0.19	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Bromomethane	2 U	0.43	2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Chloroethane	2 U	0.72	2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Chloroform	1 U	0.16	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Chloromethane	2 U	0.32	2	UG/L
	ST106-FD-1064-13012010	WATER	FD	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-FD-1064-13012010	WATER	FD	Methylene chloride	5 U	0.66	5	UG/L
	ST106-FD-1064-13012010	WATER	FD	Naphthalene	1 U	0.5	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	o-Xylene	1 U	0.5	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Styrene	1 U	0.12	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Toluene	1 U	0.14	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Trichloroethene	0.23 J	0.19	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-10611-09102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-09102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10611-09102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10611-09102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,2,4-Trimethylbenzene	1.4	0.17	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10611-09102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,3,5-Trimethylbenzene	0.68 J	0.22	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10611-09102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10611-09102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10611-09102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10611-09102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10611-09102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-10611-09102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10611-09102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10611-09102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-09102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10611-09102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10611-09102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10611-09102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10611-09102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10611-09102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10611-09102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10611-09102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Isopropylbenzene	0.92 J	0.41	1	UG/L
	ST106-GW-10611-09102009	WATER	N	m,p-Xylene	2.4	0.27	2	UG/L
	ST106-GW-10611-09102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10611-09102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10611-09102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10611-09102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-09102009	WATER	N	n-Propylbenzene	0.33 J	0.28	1	UG/L
	ST106-GW-10611-09102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10611-09102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10611-09102009	WATER	N	sec-Butylbenzene	0.28 J	0.2	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10611-09102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10611-09102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-10611-09102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Xylenes, Total	2.4 J	0.27	3	UG/L
	ST106-GW-10611-11012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10611-11012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-11012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10611-11012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10611-11012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10611-11012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10611-11012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10611-11012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10611-11012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10611-11012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10611-11012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10611-11012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Bromoform	1 U	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-11012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10611-11012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10611-11012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10611-11012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10611-11012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10611-11012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10611-11012010	WATER	N	Dichlorodifluoromethane	0.52 J	0.17	2	UG/L
	ST106-GW-10611-11012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10611-11012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-10611-11012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10611-11012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10611-11012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10611-11012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10611-11012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10611-11012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-10611-11012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10611-11012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10611-11012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10611-11012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10611-11012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-1061-12102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1061-12102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-1061-12102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1061-12102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-1061-12102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1061-12102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1061-12102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-1061-12102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-1061-12102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-1061-12102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1061-12102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-1061-12102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzene	0.38 J	0.16	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-1061-12102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1061-12102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
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Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1061-12102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1061-12102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1061-12102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1061-12102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1061-12102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-1061-12102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Isopropylbenzene	1	0.41	1	UG/L
	ST106-GW-1061-12102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1061-12102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-1061-12102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1061-12102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1061-12102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1061-12102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1061-12102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1061-12102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-1061-12102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1061-12102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1061-12102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Toluene	0.74 J	0.22	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-1061-12102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-1061-12102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-1061-13012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-1061-13012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-1061-13012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-1061-13012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
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Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1061-13012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-1061-13012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-1061-13012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-1061-13012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-1061-13012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-1061-13012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-1061-13012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-1061-13012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-1061-13012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-1061-13012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-1061-13012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-1061-13012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-1061-13012010	WATER	N	Chloroform	1 U	0.16	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1061-13012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-1061-13012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1061-13012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-1061-13012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-1061-13012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1061-13012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-1061-13012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-1061-13012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-1061-13012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-1061-13012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-1061-13012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1061-13012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-1061-13012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-1061-13012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-1061-13012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Toluene	0.29 J	0.14	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1061-13012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-1061-13012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-10612-09102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-09102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10612-09102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10612-09102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10612-09102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10612-09102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10612-09102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-10612-09102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10612-09102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10612-09102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10612-09102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10612-09102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10612-09102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10612-09102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10612-09102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-09102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10612-09102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10612-09102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10612-09102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10612-09102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10612-09102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10612-09102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10612-09102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10612-09102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10612-09102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10612-09102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10612-09102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10612-09102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Toluene	0.23 J	0.22	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10612-09102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-09102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10612-12012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10612-12012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10612-12012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-12012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10612-12012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10612-12012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10612-12012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10612-12012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10612-12012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10612-12012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10612-12012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10612-12012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10612-12012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10612-12012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10612-12012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10612-12012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10612-12012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-10612-12012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10612-12012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10612-12012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10612-12012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10612-12012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10612-12012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-10612-12012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10612-12012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10612-12012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10612-12012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10612-12012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-10613-15102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-15102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10613-15102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10613-15102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10613-15102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10613-15102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10613-15102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-15102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10613-15102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10613-15102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10613-15102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10613-15102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10613-15102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10613-15102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10613-15102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10613-15102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10613-15102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-15102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10613-15102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10613-15102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10613-15102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10613-15102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10613-15102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10613-15102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10613-15102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10613-15102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10613-15102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Toluene	28.7	0.22	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10613-15102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-10613-15102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10613-26012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-26012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10613-26012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10613-26012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10613-26012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10613-26012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10613-26012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10613-26012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10613-26012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10613-26012010	WATER	N	Acetone	10 U	1.3	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-26012010	WATER	N	Benzene	0.41 J	0.17	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10613-26012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10613-26012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10613-26012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10613-26012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10613-26012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10613-26012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-10613-26012010	WATER	N	Ethylbenzene	0.32 J	0.22	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10613-26012010	WATER	N	m,p-Xylene	0.59 J	0.23	2	UG/L
	ST106-GW-10613-26012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10613-26012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10613-26012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10613-26012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10613-26012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10613-26012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-10613-26012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10613-26012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10613-26012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Toluene	1.2	0.14	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10613-26012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10613-26012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Xylenes, Total	0.59 J	0.5	3	UG/L
	ST106-GW-10615-09102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10615-09102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10615-09102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10615-09102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10615-09102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10615-09102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10615-09102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10615-09102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10615-09102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10615-09102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-10615-09102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10615-09102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10615-09102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10615-09102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Bromoform	1.1	0.36	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10615-09102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10615-09102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10615-09102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10615-09102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10615-09102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Dibromochloromethane	0.38 J	0.34	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10615-09102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10615-09102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10615-09102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10615-09102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10615-09102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10615-09102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10615-09102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10615-09102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10615-09102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10615-09102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10615-09102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10615-09102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10615-09102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-10615-09102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10615-12012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10615-12012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10615-12012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10615-12012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10615-12012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10615-12012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10615-12012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10615-12012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10615-12012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10615-12012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10615-12012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10615-12012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10615-12012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10615-12012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10615-12012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10615-12012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10615-12012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10615-12012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10615-12012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-10615-12012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10615-12012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-10615-12012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10615-12012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10615-12012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10615-12012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10615-12012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10615-12012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-10615-12012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10615-12012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10615-12012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10615-12012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10615-12012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10615-12012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-10616-09102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10616-09102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10616-09102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10616-09102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10616-09102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10616-09102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10616-09102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10616-09102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10616-09102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10616-09102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-10616-09102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10616-09102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10616-09102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Bromoform	0.81 J	0.36	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10616-09102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10616-09102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10616-09102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10616-09102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10616-09102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10616-09102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Dibromochloromethane	0.46 J	0.34	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10616-09102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10616-09102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10616-09102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10616-09102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10616-09102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10616-09102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10616-09102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10616-09102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10616-09102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10616-09102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10616-09102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10616-09102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10616-09102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10616-09102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-10616-09102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10616-09102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10616-12012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10616-12012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10616-12012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10616-12012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10616-12012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10616-12012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10616-12012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10616-12012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10616-12012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10616-12012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10616-12012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10616-12012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10616-12012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10616-12012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10616-12012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10616-12012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-10616-12012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10616-12012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-10616-12012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10616-12012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10616-12012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10616-12012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10616-12012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10616-12012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-10616-12012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10616-12012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10616-12012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10616-12012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10616-12012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10616-12012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-10617-16102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2,4-Trimethylbenzene	0.69 J	0.17	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2-Dibromoethane	1.6	0.33	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-10617-16102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10617-16102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10617-16102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10617-16102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10617-16102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10617-16102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-10617-16102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10617-16102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10617-16102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10617-16102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10617-16102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10617-16102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10617-16102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10617-16102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10617-16102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10617-16102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10617-16102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Isopropylbenzene	0.6 J	0.41	1	UG/L
	ST106-GW-10617-16102009	WATER	N	m,p-Xylene	2.5	0.27	2	UG/L
	ST106-GW-10617-16102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10617-16102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10617-16102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10617-16102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10617-16102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10617-16102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10617-16102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10617-16102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10617-16102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Toluene	16	0.22	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10617-16102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-10617-16102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10617-16102009	WATER	N	Xylenes, Total	2.5 J	0.27	3	UG/L
	ST106-GW-10617-27012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2,4-Trimethylbenzene	1.3	0.13	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2-Dibromoethane	1	0.11	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,3,5-Trimethylbenzene	0.18 J	0.14	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10617-27012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10617-27012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10617-27012010	WATER	N	2-Butanone	6 U	2	6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10617-27012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10617-27012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10617-27012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10617-27012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10617-27012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzene	0.33 J	0.17	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10617-27012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10617-27012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10617-27012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10617-27012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10617-27012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10617-27012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-10617-27012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10617-27012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Isopropylbenzene	1.2	0.14	1	UG/L
	ST106-GW-10617-27012010	WATER	N	m,p-Xylene	5.6	0.23	2	UG/L
	ST106-GW-10617-27012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10617-27012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10617-27012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10617-27012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10617-27012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10617-27012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-10617-27012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10617-27012010	WATER	N	sec-Butylbenzene	0.16 J	0.1	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10617-27012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Tetrachloroethene	0.26 J	0.21	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Toluene	0.66 J	0.14	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10617-27012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10617-27012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Xylenes, Total	5.7	0.5	3	UG/L
	ST106-GW-10618-19012010	WATER	N	1,1,1,2-Tetrachloroethane	10 U	1.4	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,1,1-Trichloroethane	10 U	1.4	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10618-19012010	WATER	N	1,1,2,2-Tetrachloroethane	10 U	1.3	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,1,2-Trichloroethane	10 U	2	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,1-Dichloroethane	10 U	1.5	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,1-Dichloroethene	10 U	1.9	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,1-Dichloropropene	10 U	3	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2,3-Trichlorobenzene	12.2 U	1.6	12.2	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2,3-Trichloropropane	15.2 U	3.5	15.2	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2,4-Trichlorobenzene	10 U	1.1	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2,4-Trimethylbenzene	204	1.3	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2-Dibromo-3-chloropropane	50 U	10	50	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2-Dibromoethane	40.6	1.1	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2-Dichlorobenzene	10 U	0.77	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2-Dichloroethane	10 U	1.5	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2-Dichloropropane	10 U	1.5	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,3,5-Trimethylbenzene	58.2	1.4	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,3-Dichlorobenzene	10 U	1.5	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,3-Dichloropropane	10 U	3	10	UG/L
	ST106-GW-10618-19012010	WATER	N	1,4-Dichlorobenzene	10 U	1.5	10	UG/L
	ST106-GW-10618-19012010	WATER	N	2,2-Dichloropropane	50 U	1.7	50	UG/L
	ST106-GW-10618-19012010	WATER	N	2-Butanone	258	20	60	UG/L
	ST106-GW-10618-19012010	WATER	N	2-Chlorotoluene	10 U	0.72	10	UG/L
	ST106-GW-10618-19012010	WATER	N	2-Hexanone	50 U	4.8	50	UG/L
	ST106-GW-10618-19012010	WATER	N	4-Chlorotoluene	10 U	1.5	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10618-19012010	WATER	N	4-Methyl-2-Pentanone	148	10	50	UG/L
	ST106-GW-10618-19012010	WATER	N	Acetone	246	13	100	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzene	4380	17	100	UG/L
	ST106-GW-10618-19012010	WATER	N	Bromobenzene	10 U	2.1	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Bromochloromethane	10 U	1.7	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Bromodichloromethane	10 U	1.5	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Bromoform	10 U	1.9	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Bromomethane	20 U	4.3	20	UG/L
	ST106-GW-10618-19012010	WATER	N	Carbon disulfide	20 U	1.9	20	UG/L
	ST106-GW-10618-19012010	WATER	N	Carbon tetrachloride	10 U	1.4	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Chlorobenzene	10 U	1.6	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Chloroethane	20 U	7.2	20	UG/L
	ST106-GW-10618-19012010	WATER	N	Chloroform	10 U	1.6	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Chloromethane	20 U	3.2	20	UG/L
	ST106-GW-10618-19012010	WATER	N	cis-1,2-Dichloroethene	10 U	1.9	10	UG/L
	ST106-GW-10618-19012010	WATER	N	cis-1,3-Dichloropropene	10 U	1.2	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Dibromochloromethane	10 U	1.3	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Dibromomethane	10.6 U	1.1	10.6	UG/L
	ST106-GW-10618-19012010	WATER	N	Dichlorodifluoromethane	20 U	1.7	20	UG/L
	ST106-GW-10618-19012010	WATER	N	Ethylbenzene	546	2.2	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Hexachlorobutadiene	10 U	3.6	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Isopropylbenzene	61.7	1.4	10	UG/L
	ST106-GW-10618-19012010	WATER	N	m,p-Xylene	1050	2.3	20	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10618-19012010	WATER	N	Methyl tert-butyl ether (MTBE)	50 U	1.6	50	UG/L
	ST106-GW-10618-19012010	WATER	N	Methylene chloride	50 U	6.6	50	UG/L
	ST106-GW-10618-19012010	WATER	N	Naphthalene	59.7	5	10	UG/L
	ST106-GW-10618-19012010	WATER	N	n-Butylbenzene	10 U	1.6	10	UG/L
	ST106-GW-10618-19012010	WATER	N	n-Propylbenzene	53.2	1.4	10	UG/L
	ST106-GW-10618-19012010	WATER	N	o-Xylene	418	5	10	UG/L
	ST106-GW-10618-19012010	WATER	N	p-Isopropyltoluene	10 U	1.4	10	UG/L
	ST106-GW-10618-19012010	WATER	N	sec-Butylbenzene	7 J	1	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Styrene	10 U	1.2	10	UG/L
	ST106-GW-10618-19012010	WATER	N	tert-Butylbenzene	10 U	2	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Tetrachloroethene	10 U	2.1	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Toluene	251	1.4	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Trans-1,2-Dichloroethene	10 U	3.3	10	UG/L
	ST106-GW-10618-19012010	WATER	N	trans-1,3-Dichloropropene	10 U	3	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Trichloroethene	10 U	1.9	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Trichlorofluoromethane	20 U	1.2	20	UG/L
	ST106-GW-10618-19012010	WATER	N	Vinyl Chloride	10 U	1.8	10	UG/L
	ST106-GW-10618-19012010	WATER	N	Xylenes, Total	1470	5	30	UG/L
	ST106-GW-10619-15102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10619-15102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10619-15102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10619-15102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10619-15102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10619-15102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10619-15102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10619-15102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10619-15102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10619-15102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-10619-15102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10619-15102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10619-15102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzene	1 U	0.16	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10619-15102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10619-15102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10619-15102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10619-15102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10619-15102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10619-15102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10619-15102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10619-15102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Isopropylbenzene	0.64 J	0.41	1	UG/L
	ST106-GW-10619-15102009	WATER	N	m,p-Xylene	1.1 J	0.27	2	UG/L
	ST106-GW-10619-15102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10619-15102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10619-15102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10619-15102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10619-15102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10619-15102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10619-15102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10619-15102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10619-15102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Toluene	17.6	0.22	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10619-15102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-10619-15102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Xylenes, Total	1.1 J	0.27	3	UG/L
	ST106-GW-10619-18012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10619-18012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10619-18012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10619-18012010	WATER	N	1,2-Dibromoethane	0.56 J	0.11	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10619-18012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10619-18012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10619-18012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10619-18012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10619-18012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10619-18012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10619-18012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10619-18012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10619-18012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10619-18012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10619-18012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10619-18012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10619-18012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10619-18012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10619-18012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10619-18012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-10619-18012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Isopropylbenzene	0.2 J	0.14	1	UG/L
	ST106-GW-10619-18012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-10619-18012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10619-18012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10619-18012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10619-18012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10619-18012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10619-18012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10619-18012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10619-18012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10619-18012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Toluene	1.2	0.14	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10619-18012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10619-18012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-10620-16102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10620-16102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10620-16102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10620-16102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10620-16102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10620-16102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10620-16102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10620-16102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10620-16102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10620-16102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-10620-16102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10620-16102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10620-16102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzene	0.76 J	0.16	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10620-16102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10620-16102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10620-16102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10620-16102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10620-16102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10620-16102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10620-16102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Isopropylbenzene	2.7	0.41	1	UG/L
	ST106-GW-10620-16102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10620-16102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10620-16102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10620-16102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10620-16102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10620-16102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10620-16102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10620-16102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10620-16102009	WATER	N	sec-Butylbenzene	0.35 J	0.2	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Styrene	1 U	0.2	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10620-16102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Toluene	33.1	0.22	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10620-16102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-10620-16102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10620-16102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10620-19012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10620-19012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10620-19012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10620-19012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10620-19012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10620-19012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10620-19012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10620-19012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10620-19012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10620-19012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10620-19012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10620-19012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10620-19012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzene	0.6 J	0.17	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10620-19012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10620-19012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10620-19012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10620-19012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10620-19012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10620-19012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-10620-19012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Isopropylbenzene	2.2	0.14	1	UG/L
	ST106-GW-10620-19012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-10620-19012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10620-19012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10620-19012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10620-19012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10620-19012010	WATER	N	n-Propylbenzene	0.16 J	0.14	1	UG/L
	ST106-GW-10620-19012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-10620-19012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10620-19012010	WATER	N	sec-Butylbenzene	0.31 J	0.1	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10620-19012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Toluene	0.64 J	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10620-19012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10620-19012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10620-19012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-10621-14102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2-Dichloroethane	0.42 J	0.4	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,3,5-Trimethylbenzene	0.74 J	0.22	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10621-14102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10621-14102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10621-14102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10621-14102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10621-14102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10621-14102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-10621-14102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10621-14102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10621-14102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10621-14102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10621-14102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10621-14102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10621-14102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10621-14102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10621-14102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10621-14102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10621-14102009	WATER	N	m,p-Xylene	1.2 J	0.27	2	UG/L
	ST106-GW-10621-14102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10621-14102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10621-14102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10621-14102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10621-14102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10621-14102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10621-14102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10621-14102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10621-14102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Toluene	43	0.22	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10621-14102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10621-14102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-10621-14102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Xylenes, Total	1.2 J	0.27	3	UG/L
	ST106-GW-10621-20012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2,4-Trimethylbenzene	0.93 J	0.13	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2-Dibromoethane	0.31 J	0.11	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2-Dichlorobenzene	0.16 J	0.077	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2-Dichloroethane	0.34 J	0.15	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,3,5-Trimethylbenzene	1.9	0.14	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10621-20012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10621-20012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10621-20012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10621-20012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10621-20012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10621-20012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10621-20012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10621-20012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzene	4.2	0.17	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10621-20012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10621-20012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10621-20012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10621-20012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10621-20012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10621-20012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-10621-20012010	WATER	N	Ethylbenzene	1.8	0.22	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Isopropylbenzene	0.41 J	0.14	1	UG/L
	ST106-GW-10621-20012010	WATER	N	m,p-Xylene	5	0.23	2	UG/L
	ST106-GW-10621-20012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10621-20012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10621-20012010	WATER	N	Naphthalene	1.5	0.5	1	UG/L
	ST106-GW-10621-20012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10621-20012010	WATER	N	n-Propylbenzene	0.27 J	0.14	1	UG/L
	ST106-GW-10621-20012010	WATER	N	o-Xylene	1.4	0.5	1	UG/L
	ST106-GW-10621-20012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10621-20012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10621-20012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Toluene	0.93 J	0.14	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10621-20012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10621-20012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Xylenes, Total	6.4	0.5	3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-12012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-1062-12012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-1062-12012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-1062-12012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-1062-12012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-12012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-1062-12012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-1062-12012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-1062-12012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-1062-12012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-1062-12012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-1062-12012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-1062-12012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1062-12012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-1062-12012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-1062-12012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-12012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1062-12012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-1062-12012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-1062-12012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-1062-12012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-1062-12012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-1062-12012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1062-12012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-1062-12012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-1062-12012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-1062-12012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-1062-12012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-1062-12012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-1062-12102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-12102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-1062-12102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1062-12102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1062-12102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-1062-12102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-1062-12102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-1062-12102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1062-12102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-12102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-1062-12102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1062-12102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1062-12102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1062-12102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1062-12102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1062-12102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-1062-12102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-1062-12102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1062-12102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1062-12102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1062-12102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1062-12102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1062-12102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1062-12102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1062-12102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-1062-12102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1062-12102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-1062-12102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-1062-12102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10622-13102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10622-13102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10622-13102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10622-13102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10622-13102009	WATER	N	1,2-Dibromoethane	0.63 J	0.33	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10622-13102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10622-13102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10622-13102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10622-13102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10622-13102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-10622-13102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10622-13102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10622-13102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10622-13102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10622-13102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10622-13102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10622-13102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10622-13102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10622-13102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10622-13102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10622-13102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10622-13102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10622-13102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10622-13102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10622-13102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10622-13102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10622-13102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10622-13102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10622-13102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10622-13102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10622-13102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Toluene	55.2	0.22	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10622-13102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-10622-13102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10622-20012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10622-20012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10622-20012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,2,4-Trimethylbenzene	0.38 J	0.13	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10622-20012010	WATER	N	1,2-Dibromoethane	1.1	0.11	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,2-Dichloroethane	0.24 J	0.15	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,3,5-Trimethylbenzene	0.32 J	0.14	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10622-20012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10622-20012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10622-20012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10622-20012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10622-20012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10622-20012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10622-20012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10622-20012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzene	1.6 U	0.17	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Bromoform	1 U	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10622-20012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10622-20012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10622-20012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10622-20012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10622-20012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10622-20012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10622-20012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-10622-20012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Isopropylbenzene	0.32 J	0.14	1	UG/L
	ST106-GW-10622-20012010	WATER	N	m,p-Xylene	1.7 J	0.23	2	UG/L
	ST106-GW-10622-20012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10622-20012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10622-20012010	WATER	N	Naphthalene	1.4	0.5	1	UG/L
	ST106-GW-10622-20012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10622-20012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10622-20012010	WATER	N	o-Xylene	0.62 J	0.5	1	UG/L
	ST106-GW-10622-20012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10622-20012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10622-20012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Toluene	0.88 J	0.14	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10622-20012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10622-20012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Xylenes, Total	2.3 J	0.5	3	UG/L
	ST106-GW-10623-13102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10623-13102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10623-13102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10623-13102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10623-13102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10623-13102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10623-13102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10623-13102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10623-13102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-10623-13102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10623-13102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10623-13102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10623-13102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10623-13102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10623-13102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10623-13102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10623-13102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10623-13102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10623-13102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10623-13102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10623-13102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10623-13102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10623-13102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10623-13102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10623-13102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10623-13102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10623-13102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10623-13102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10623-13102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10623-13102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10623-13102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Toluene	13	0.22	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10623-13102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-10623-13102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10623-21012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10623-21012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10623-21012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10623-21012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10623-21012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10623-21012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10623-21012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10623-21012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10623-21012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10623-21012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10623-21012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10623-21012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10623-21012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10623-21012010	WATER	N	Benzene	1.1	0.17	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10623-21012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10623-21012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10623-21012010	WATER	N	Chloroform	1 U	0.16	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10623-21012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10623-21012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10623-21012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10623-21012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-10623-21012010	WATER	N	Ethylbenzene	0.55 J	0.22	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10623-21012010	WATER	N	m,p-Xylene	1.1 J	0.23	2	UG/L
	ST106-GW-10623-21012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10623-21012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10623-21012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10623-21012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10623-21012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10623-21012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-10623-21012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10623-21012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10623-21012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Toluene	0.89 J	0.14	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10623-21012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10623-21012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Xylenes, Total	1.5 J	0.5	3	UG/L
	ST106-GW-10624-19102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10624-19102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-10624-19102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-10624-19102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-10624-19102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-10624-19102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-10624-19102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-10624-19102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-10624-19102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-10624-19102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzene	0.58 J	0.16	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-10624-19102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-10624-19102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-10624-19102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-10624-19102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-10624-19102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10624-19102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-10624-19102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-10624-19102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-10624-19102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-10624-19102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-10624-19102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-10624-19102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-10624-19102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10624-19102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10624-19102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-10624-19102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-10624-19102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-10624-19102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Toluene	22.6	0.22	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-10624-19102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10624-19102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-10624-22012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2,4-Trimethylbenzene	0.65 J	0.13	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,3,5-Trimethylbenzene	0.32 J	0.14	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10624-22012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10624-22012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10624-22012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10624-22012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10624-22012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10624-22012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10624-22012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10624-22012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzene	6.2	0.17	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10624-22012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10624-22012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10624-22012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10624-22012010	WATER	N	cis-1,2-Dichloroethene	0.26 J	0.19	1	UG/L
	ST106-GW-10624-22012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10624-22012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10624-22012010	WATER	N	Ethylbenzene	1.1	0.22	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Isopropylbenzene	0.18 J	0.14	1	UG/L
	ST106-GW-10624-22012010	WATER	N	m,p-Xylene	2.7	0.23	2	UG/L
	ST106-GW-10624-22012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10624-22012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10624-22012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10624-22012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10624-22012010	WATER	N	n-Propylbenzene	0.24 J	0.14	1	UG/L
	ST106-GW-10624-22012010	WATER	N	o-Xylene	1	0.5	1	UG/L
	ST106-GW-10624-22012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10624-22012010	WATER	N	sec-Butylbenzene	0.12 J	0.1	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10624-22012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Toluene	6	0.14	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10624-22012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10624-22012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Xylenes, Total	3.7	0.5	3	UG/L
	ST106-GW-10625-12112009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10625-12112009	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10625-12112009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10625-12112009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10625-12112009	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10625-12112009	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10625-12112009	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10625-12112009	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10625-12112009	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10625-12112009	WATER	N	2-Hexanone	5 U	0.48	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10625-12112009	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10625-12112009	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10625-12112009	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-10625-12112009	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10625-12112009	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10625-12112009	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10625-12112009	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10625-12112009	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10625-12112009	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10625-12112009	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-10625-12112009	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10625-12112009	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-10625-12112009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10625-12112009	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-10625-12112009	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10625-12112009	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10625-12112009	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10625-12112009	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-10625-12112009	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10625-12112009	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10625-12112009	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Toluene	4.4	0.14	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10625-12112009	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10625-12112009	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10625-12112009	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-10625-21012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10625-21012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-10625-21012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-10625-21012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-10625-21012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-10625-21012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-10625-21012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-10625-21012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-10625-21012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-10625-21012010	WATER	N	Acetone	10 U	1.3	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10625-21012010	WATER	N	Benzene	0.29 J	0.17	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-10625-21012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-10625-21012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-10625-21012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-10625-21012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10625-21012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-10625-21012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-10625-21012010	WATER	N	Ethylbenzene	0.27 J	0.22	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10625-21012010	WATER	N	m,p-Xylene	0.55 J	0.23	2	UG/L
	ST106-GW-10625-21012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-10625-21012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-10625-21012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-10625-21012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-10625-21012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-10625-21012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-10625-21012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-10625-21012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-10625-21012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Toluene	0.63 J	0.14	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-10625-21012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-10625-21012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Xylenes, Total	0.55 J	0.5	3	UG/L
	ST106-GW-1063-13012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1063-13012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-1063-13012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-1063-13012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-1063-13012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-1063-13012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-1063-13012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-1063-13012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-1063-13012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-1063-13012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-1063-13012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-1063-13012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-1063-13012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1063-13012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-1063-13012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-1063-13012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-1063-13012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-1063-13012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1063-13012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-1063-13012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-1063-13012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1063-13012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-1063-13012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-1063-13012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-1063-13012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-1063-13012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-1063-13012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1063-13012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-1063-13012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-1063-13012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-1063-13012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-1063-13012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-1063-13012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-1063-19102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1063-19102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-1063-19102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1063-19102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-1063-19102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-1063-19102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1063-19102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1063-19102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-1063-19102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-1063-19102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-1063-19102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1063-19102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-1063-19102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1063-19102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1063-19102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1063-19102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1063-19102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1063-19102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1063-19102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-1063-19102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-1063-19102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1063-19102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-1063-19102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1063-19102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1063-19102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1063-19102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1063-19102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1063-19102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-1063-19102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1063-19102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1063-19102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Toluene	0.29 J	0.22	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-1063-19102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-1063-19102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-1064-12102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1064-12102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-1064-12102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-1064-12102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1064-12102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-1064-12102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1064-12102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1064-12102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-1064-12102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-1064-12102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-1064-12102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1064-12102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-1064-12102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-1064-12102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1064-12102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1064-12102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1064-12102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1064-12102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1064-12102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1064-12102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-1064-12102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-1064-12102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1064-12102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-1064-12102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1064-12102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1064-12102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1064-12102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1064-12102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1064-12102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-1064-12102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1064-12102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1064-12102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-1064-12102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-1064-12102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-1064-13012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1064-13012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-1064-13012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-1064-13012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-1064-13012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-1064-13012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-1064-13012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-1064-13012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-1064-13012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-1064-13012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-1064-13012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-1064-13012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-1064-13012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1064-13012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1064-13012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-1064-13012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-1064-13012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1064-13012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-1064-13012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-1064-13012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-1064-13012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-1064-13012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-1064-13012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1064-13012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-1064-13012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-1064-13012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-1064-13012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-1064-13012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1064-13012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-1064-13012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-1064-13012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-1067-09102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-1067-09102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1067-09102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-1067-09102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-1067-09102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-1067-09102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-1067-09102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-1067-09102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-1067-09102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-1067-09102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-1067-09102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-1067-09102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-1067-09102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-1067-09102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-1067-09102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1067-09102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-1067-09102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-1067-09102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-1067-09102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-1067-09102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-1067-09102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-1067-09102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-1067-09102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-1067-09102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1067-09102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-1067-09102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-1067-09102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-1067-09102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-1067-09102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-1067-09102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1067-09102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-1067-11012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,1-Dichloroethane	0.18 J	0.15	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-1067-11012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-1067-11012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-1067-11012010	WATER	N	2-Butanone	6 U	2	6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1067-11012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-1067-11012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-1067-11012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-1067-11012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-1067-11012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-1067-11012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-1067-11012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-1067-11012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-1067-11012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-1067-11012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-1067-11012010	WATER	N	Dichlorodifluoromethane	1.6 J	0.17	2	UG/L
	ST106-GW-1067-11012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-1067-11012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1067-11012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-1067-11012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-1067-11012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-1067-11012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-1067-11012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-1067-11012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-1067-11012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-1067-11012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-1067-11012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-1067-11012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Tetrachloroethene	0.3 J	0.21	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-1067-11012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Trichloroethene	0.31 J	0.19	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Trichlorofluoromethane	0.41 J	0.12	2	UG/L
	ST106-GW-1067-11012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-2819RC-08102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-2819RC-08102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-2819RC-08102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-2819RC-08102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-2819RC-13012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-2819RC-13012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzene	1 U	0.17	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-2819RC-13012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-2819RC-13012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-3411-12102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-3411-12102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-3411-12102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-3411-12102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-3411-12102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-3411-12102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-3411-12102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-3411-12102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-3411-12102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-3411-12102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-3411-12102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-3411-12102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-3411-12102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-3411-12102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-3411-12102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-3411-12102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-3411-12102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-3411-12102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-3411-12102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-3411-12102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-3411-12102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-3411-12102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-3411-12102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-3411-12102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-3411-12102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-3411-12102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-3411-12102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-3411-12102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-3411-12102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-3411-12102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-3411-12102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-3411-12102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-3411-14012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-3411-14012010	WATER	N	1,2,3-Trichloropropane	1.5 UJ	0.35	1.5	UG/L
	ST106-GW-3411-14012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-3411-14012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-3411-14012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-3411-14012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-3411-14012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-3411-14012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-3411-14012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-3411-14012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-3411-14012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-3411-14012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-3411-14012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-3411-14012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-3411-14012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-3411-14012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-3411-14012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-3411-14012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-3411-14012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-3411-14012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-3411-14012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-3411-14012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-3411-14012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-3411-14012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-3411-14012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-3411-14012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-3411-14012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-3411-14012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-3411-14012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-3411-14012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Styrene	1 U	0.12	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-3411-14012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-3411-14012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-3411-14012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,1,1,2-Tetrachloroethane	1 SU	0.25	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,1,1-Trichloroethane	1 SU	0.19	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,1,2,2-Tetrachloroethane	1 SU	0.33	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,1,2-Trichloroethane	1 SU	0.28	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,1-Dichloroethane	1 SU	0.28	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,1-Dichloroethene	1 SU	0.24	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,1-Dichloropropene	1 SU	0.19	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,2,3-Trichlorobenzene	1.2 SU	0.61	1.2	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,2,3-Trichloropropane	1.5 SU	0.76	1.5	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,2,4-Trichlorobenzene	1 SU	0.5	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,2,4-Trimethylbenzene	1 SU	0.17	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,2-Dibromo-3-chloropropane	5 SU	1.4	5	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,2-Dibromoethane	1 SU	0.33	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,2-Dichlorobenzene	1 SU	0.26	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-IDWTANK-19102009	WATER	N	1,2-Dichloroethane	1 SU	0.4	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,2-Dichloropropane	1 SU	0.27	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,3,5-Trimethylbenzene	1 SU	0.22	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,3-Dichlorobenzene	1 SU	0.2	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,3-Dichloropropane	1 SU	0.19	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,4-Dichlorobenzene	1 SU	0.24	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2,2-Dichloropropane	5 SU	0.32	5	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2-Butanone	6.3 S	4	6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2-Chlorotoluene	1 SU	0.32	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2-Hexanone	5 SU	0.95	5	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	4-Chlorotoluene	1 SU	0.12	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	4-Methyl-2-Pentanone	5 SU	0.61	5	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Acetone	10 SU	5.6	10	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzene	1 SU	0.16	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Bromobenzene	1 SU	0.27	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Bromochloromethane	1 SU	0.38	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Bromodichloromethane	1 SU	0.15	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Bromoform	1 SU	0.36	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Bromomethane	2 SU	0.76	2	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Carbon disulfide	2 SU	0.29	2	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Carbon tetrachloride	1 SU	0.33	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Chlorobenzene	1 SU	0.18	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Chloroethane	2 SU	0.99	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-IDWTANK-19102009	WATER	N	Chloroform	1 SU	0.29	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Chloromethane	2 SU	0.68	2	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	cis-1,2-Dichloroethene	1 SU	0.29	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	cis-1,3-Dichloropropene	1 SU	0.23	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Dibromochloromethane	1 SU	0.34	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Dibromomethane	1.1 SU	0.53	1.1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Dichlorodifluoromethane	2 SU	0.23	2	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Ethylbenzene	1 SU	0.43	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Hexachlorobutadiene	1 SU	0.62	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Isopropylbenzene	1 SU	0.41	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	m,p-Xylene	2 SU	0.27	2	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 SU	0.26	5	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Methylene chloride	5 SU	0.52	5	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Naphthalene	1 SU	0.32	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	n-Butylbenzene	1 SU	0.22	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	n-Propylbenzene	1 SU	0.28	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	o-Xylene	1 SU	0.2	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	p-Isopropyltoluene	1 SU	0.24	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	sec-Butylbenzene	1 SU	0.2	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Styrene	1 SU	0.2	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	tert-Butylbenzene	1 SU	0.28	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Tetrachloroethene	1 SU	0.35	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Toluene	1 SU	0.22	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-IDWTANK-19102009	WATER	N	Trans-1,2-Dichloroethene	1 SU	0.23	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	trans-1,3-Dichloropropene	1 SU	0.17	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Trichloroethene	1 SU	0.42	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Trichlorofluoromethane	2 SU	0.45	2	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Vinyl Chloride	1 SU	0.28	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Xylenes, Total	3 SU	0.27	3	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,1,1,2-Tetrachloroethane	1 SU	0.14	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,1,1-Trichloroethane	1 SU	0.14	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,1,2,2-Tetrachloroethane	1 SU	0.13	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,1,2-Trichloroethane	1 SU	0.2	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,1-Dichloroethane	1 SU	0.15	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,1-Dichloroethene	1 SU	0.19	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,1-Dichloropropene	1 SU	0.3	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2,3-Trichlorobenzene	1.2 SU	0.16	1.2	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2,3-Trichloropropane	1.5 SU	0.35	1.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2,4-Trichlorobenzene	1 SU	0.11	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2,4-Trimethylbenzene	3.3 S	0.13	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2-Dibromo-3-chloropropane	5 SU	1	5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2-Dibromoethane	1 S	0.11	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2-Dichlorobenzene	1 SU	0.077	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2-Dichloroethane	1 SU	0.15	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2-Dichloropropane	1 SU	0.15	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,3,5-Trimethylbenzene	1 S	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-IDWtank-28012010	WATER	N	1,3-Dichlorobenzene	1 SU	0.15	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,3-Dichloropropane	1 SU	0.3	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,4-Dichlorobenzene	1 SU	0.15	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2,2-Dichloropropane	5 SU	0.17	5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2-Butanone	5.4 SJ	2	6	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2-Chlorotoluene	1 SU	0.072	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2-Hexanone	5 SU	0.48	5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	4-Chlorotoluene	1 SU	0.15	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	4-Methyl-2-Pentanone	5 SU	1	5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Acetone	8.4 SJ	1.3	10	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzene	68.4 S	0.17	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Bromobenzene	1 SU	0.21	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Bromochloromethane	1 SU	0.17	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Bromodichloromethane	1 SU	0.15	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Bromoform	1 SU	0.19	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Bromomethane	2 SU	0.43	2	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Carbon disulfide	2 SU	0.19	2	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Carbon tetrachloride	1 SU	0.14	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Chlorobenzene	1 SU	0.16	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Chloroethane	2 SU	0.72	2	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Chloroform	1 SU	0.16	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Chloromethane	2 SU	0.32	2	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	cis-1,2-Dichloroethene	1 SU	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-IDWtank-28012010	WATER	N	cis-1,3-Dichloropropene	1 SU	0.12	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Dibromochloromethane	1 SU	0.13	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Dibromomethane	1.1 SU	0.11	1.1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Dichlorodifluoromethane	2 SU	0.17	2	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Ethylbenzene	8.2 S	0.22	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Hexachlorobutadiene	1 SU	0.36	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Isopropylbenzene	1 S	0.14	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	m,p-Xylene	17.5 S	0.23	2	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 SU	0.16	5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Methylene chloride	5 SU	0.66	5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Naphthalene	1.5 S	0.5	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	n-Butylbenzene	1 SU	0.16	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	n-Propylbenzene	0.66 SJ	0.14	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	o-Xylene	7.9 S	0.5	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	p-Isopropyltoluene	1 SU	0.14	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	sec-Butylbenzene	1 SU	0.1	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Styrene	1 SU	0.12	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	tert-Butylbenzene	1 SU	0.2	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Tetrachloroethene	1 SU	0.21	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Toluene	3.6 S	0.14	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Trans-1,2-Dichloroethene	1 SU	0.33	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	trans-1,3-Dichloropropene	1 SU	0.3	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Trichloroethene	1 SU	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-IDWtank-28012010	WATER	N	Trichlorofluoromethane	2 SU	0.12	2	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Vinyl Chloride	1 SU	0.18	1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Xylenes, Total	25.5 S	0.5	3	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB03-08102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB03-08102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB03-12012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB03-12012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB03-12012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-08102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-08102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-08102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-12012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-12012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB15-12012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-08102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Bromoform	1 U	0.36	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-08102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Chloroform	1 U	0.29	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-08102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,2,3-Trichloropropane	1.5 U	0.35	1.5	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-12012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-12012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-KAFB16-12012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
	ST106-GW-VA-08102009	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.25	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,1,1-Trichloroethane	1 U	0.19	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.33	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,1,2-Trichloroethane	1 U	0.28	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,1-Dichloroethane	1 U	0.28	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,1-Dichloroethene	1 U	0.24	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,1-Dichloropropene	1 U	0.19	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.61	1.2	UG/L
	ST106-GW-VA-08102009	WATER	N	1,2,3-Trichloropropane	1.5 U	0.76	1.5	UG/L
	ST106-GW-VA-08102009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.5	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.17	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1.4	5	UG/L
	ST106-GW-VA-08102009	WATER	N	1,2-Dibromoethane	1 U	0.33	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,2-Dichlorobenzene	1 U	0.26	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,2-Dichloroethane	1 U	0.4	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA-08102009	WATER	N	1,2-Dichloropropane	1 U	0.27	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,3-Dichloropropane	1 U	0.19	1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,4-Dichlorobenzene	1 U	0.24	1	UG/L
	ST106-GW-VA-08102009	WATER	N	2,2-Dichloropropane	5 U	0.32	5	UG/L
	ST106-GW-VA-08102009	WATER	N	2-Butanone	6 U	4	6	UG/L
	ST106-GW-VA-08102009	WATER	N	2-Chlorotoluene	1 U	0.32	1	UG/L
	ST106-GW-VA-08102009	WATER	N	2-Hexanone	5 U	0.95	5	UG/L
	ST106-GW-VA-08102009	WATER	N	4-Chlorotoluene	1 U	0.12	1	UG/L
	ST106-GW-VA-08102009	WATER	N	4-Methyl-2-Pentanone	5 U	0.61	5	UG/L
	ST106-GW-VA-08102009	WATER	N	Acetone	10 U	5.6	10	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzene	1 U	0.16	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Bromobenzene	1 U	0.27	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Bromochloromethane	1 U	0.38	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Bromoform	1 U	0.36	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Bromomethane	2 U	0.76	2	UG/L
	ST106-GW-VA-08102009	WATER	N	Carbon disulfide	2 U	0.29	2	UG/L
	ST106-GW-VA-08102009	WATER	N	Carbon tetrachloride	1 U	0.33	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Chlorobenzene	1 U	0.18	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Chloroethane	2 U	0.99	2	UG/L
	ST106-GW-VA-08102009	WATER	N	Chloroform	1 U	0.29	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA-08102009	WATER	N	Chloromethane	2 U	0.68	2	UG/L
	ST106-GW-VA-08102009	WATER	N	cis-1,2-Dichloroethene	1 U	0.29	1	UG/L
	ST106-GW-VA-08102009	WATER	N	cis-1,3-Dichloropropene	1 U	0.23	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Dibromochloromethane	1 U	0.34	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Dibromomethane	1.1 U	0.53	1.1	UG/L
	ST106-GW-VA-08102009	WATER	N	Dichlorodifluoromethane	2 U	0.23	2	UG/L
	ST106-GW-VA-08102009	WATER	N	Ethylbenzene	1 U	0.43	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Hexachlorobutadiene	1 U	0.62	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Isopropylbenzene	1 U	0.41	1	UG/L
	ST106-GW-VA-08102009	WATER	N	m,p-Xylene	2 U	0.27	2	UG/L
	ST106-GW-VA-08102009	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.26	5	UG/L
	ST106-GW-VA-08102009	WATER	N	Methylene chloride	5 U	0.52	5	UG/L
	ST106-GW-VA-08102009	WATER	N	Naphthalene	1 U	0.32	1	UG/L
	ST106-GW-VA-08102009	WATER	N	n-Butylbenzene	1 U	0.22	1	UG/L
	ST106-GW-VA-08102009	WATER	N	n-Propylbenzene	1 U	0.28	1	UG/L
	ST106-GW-VA-08102009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	ST106-GW-VA-08102009	WATER	N	p-Isopropyltoluene	1 U	0.24	1	UG/L
	ST106-GW-VA-08102009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Styrene	1 U	0.2	1	UG/L
	ST106-GW-VA-08102009	WATER	N	tert-Butylbenzene	1 U	0.28	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Tetrachloroethene	1 U	0.35	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Toluene	1 U	0.22	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Trans-1,2-Dichloroethene	1 U	0.23	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA-08102009	WATER	N	trans-1,3-Dichloropropene	1 U	0.17	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Trichloroethene	1 U	0.42	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Trichlorofluoromethane	2 U	0.45	2	UG/L
	ST106-GW-VA-08102009	WATER	N	Vinyl Chloride	1 U	0.28	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Xylenes, Total	3 U	0.27	3	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,1,1,2-Tetrachloroethane	1 U	0.14	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,1,1-Trichloroethane	1 U	0.14	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.13	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,1-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,1-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,1-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2,3-Trichlorobenzene	1.2 U	0.16	1.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2,3-Trichloropropane	1.5 UJ	0.35	1.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2,4-Trichlorobenzene	1 U	0.11	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2,4-Trimethylbenzene	1 U	0.13	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2-Dibromo-3-chloropropane	5 U	1	5	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2-Dibromoethane	1 U	0.11	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2-Dichlorobenzene	1 U	0.077	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2-Dichloroethane	1 U	0.15	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2-Dichloropropane	1 U	0.15	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,3,5-Trimethylbenzene	1 U	0.14	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,3-Dichlorobenzene	1 U	0.15	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA2-14012010	WATER	N	1,3-Dichloropropane	1 U	0.3	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,4-Dichlorobenzene	1 U	0.15	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	2,2-Dichloropropane	5 U	0.17	5	UG/L
	ST106-GW-VA2-14012010	WATER	N	2-Butanone	6 U	2	6	UG/L
	ST106-GW-VA2-14012010	WATER	N	2-Chlorotoluene	1 U	0.072	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	2-Hexanone	5 U	0.48	5	UG/L
	ST106-GW-VA2-14012010	WATER	N	4-Chlorotoluene	1 U	0.15	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	4-Methyl-2-Pentanone	5 U	1	5	UG/L
	ST106-GW-VA2-14012010	WATER	N	Acetone	10 U	1.3	10	UG/L
	ST106-GW-VA2-14012010	WATER	N	Benzene	1 U	0.17	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Bromobenzene	1 U	0.21	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Bromochloromethane	1 U	0.17	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Bromodichloromethane	1 U	0.15	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Bromoform	1 U	0.19	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Bromomethane	2 U	0.43	2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Carbon disulfide	2 U	0.19	2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Carbon tetrachloride	1 U	0.14	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Chlorobenzene	1 U	0.16	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Chloroethane	2 U	0.72	2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Chloroform	1 U	0.16	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Chloromethane	2 U	0.32	2	UG/L
	ST106-GW-VA2-14012010	WATER	N	cis-1,2-Dichloroethene	1 U	0.19	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	cis-1,3-Dichloropropene	1 U	0.12	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA2-14012010	WATER	N	Dibromochloromethane	1 U	0.13	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Dibromomethane	1.1 U	0.11	1.1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Dichlorodifluoromethane	2 U	0.17	2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Ethylbenzene	1 U	0.22	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Hexachlorobutadiene	1 U	0.36	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Isopropylbenzene	1 U	0.14	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	m,p-Xylene	2 U	0.23	2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Methyl tert-butyl ether (MTBE)	5 U	0.16	5	UG/L
	ST106-GW-VA2-14012010	WATER	N	Methylene chloride	5 U	0.66	5	UG/L
	ST106-GW-VA2-14012010	WATER	N	Naphthalene	1 U	0.5	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	n-Butylbenzene	1 U	0.16	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	n-Propylbenzene	1 U	0.14	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	o-Xylene	1 U	0.5	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	p-Isopropyltoluene	1 U	0.14	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	sec-Butylbenzene	1 U	0.1	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Styrene	1 U	0.12	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Tetrachloroethene	1 U	0.21	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Toluene	1 U	0.14	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Trans-1,2-Dichloroethene	1 U	0.33	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	trans-1,3-Dichloropropene	1 U	0.3	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Trichloroethene	1 U	0.19	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Trichlorofluoromethane	2 U	0.12	2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	ST106-GW-VA2-14012010	WATER	N	Vinyl Chloride	1 U	0.18	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Xylenes, Total	3 U	0.5	3	UG/L
SW8270C								
	ST106-FD-10613-15102009	WATER	FD	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,2-Diphenylhydrazine	10.2 U	3.1	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	1,3-Dinitrobenzene	10.2 U	2.5	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	2,4,5-Trichlorophenol	20.3 U	3.4	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	2,4,6-Trichlorophenol	20.3 U	3.6	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	2,4-Dichlorophenol	10.2 U	3.1	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	2,4-Dinitrophenol	60.9 U	5.7	60.9	UG/L
	ST106-FD-10613-15102009	WATER	FD	2,4-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	2,6-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	2-Chlorophenol	10.2 U	2.9	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	2-Nitroaniline	50.8 U	3	50.8	UG/L
	ST106-FD-10613-15102009	WATER	FD	2-Nitrophenol	20.3 U	3.4	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	3,3'-Dichlorobenzidine	20.3 U	2.7	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	3-Nitroaniline	50.8 U	2.8	50.8	UG/L
	ST106-FD-10613-15102009	WATER	FD	4,6-Dinitro-2-methylphenol	60.9 U	3.4	60.9	UG/L
	ST106-FD-10613-15102009	WATER	FD	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	4-Chloro-3-methylphenol	20.3 U	2.7	20.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-10613-15102009	WATER	FD	4-Chloroaniline	20.3 U	3	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	4-Chlorophenyl phenyl ether	10.2 U	2.5	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	4-Methylphenol	20.3 U	6.2	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	4-Nitroaniline	10.2 U	2.8	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	4-Nitrophenol	50.8 UJ	2.9	50.8	UG/L
	ST106-FD-10613-15102009	WATER	FD	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Acenaphthylene	10.2 U	3	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzidine	152 R	20.3	152	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzo(k)fluoranthene	10.2 U	2.9	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzoic acid	60.9 U	14.2	60.9	UG/L
	ST106-FD-10613-15102009	WATER	FD	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Bis (2-chloroethyl) ether	10.2 U	3	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Butyl benzylphthalate	20.3 U	3	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	Chrysene	10.2 U	2.9	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Dibenzo (a,h) anthracene	10.2 U	2.7	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Dibenzofuran	10.2 U	2.7	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Diethyl phthalate	10.2 U	2.8	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-10613-15102009	WATER	FD	Dimethyl phthalate	10.2 U	3	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Di-n-butylphthalate	20.3 U	2.9	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	Di-n-octylphthalate	20.3 U	2.8	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	Fluoranthene	20.3 U	2.8	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	Fluorene	10.2 U	2.9	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Hexachlorobutadiene	10.2 U	2.5	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Indeno(1,2,3-cd)pyrene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Nitrobenzene	20.3 U	2.8	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	n-Nitrosodi-n-propylamine	20.3 U	3	20.3	UG/L
	ST106-FD-10613-15102009	WATER	FD	n-Nitrosodiphenylamine	10.2 U	3.4	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Pentachlorophenol	60.9 U	2.6	60.9	UG/L
	ST106-FD-10613-15102009	WATER	FD	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Pyrene	10.2 U	2.9	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,2-Diphenylhydrazine	10.2 U	3.2	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	2,4,5-Trichlorophenol	20.4 U	3.5	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	2,4,6-Trichlorophenol	20.4 U	0.86	20.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-10617-27012010	WATER	FD	2,4-Dichlorophenol	10.2 U	3.2	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	2,4-Dinitrophenol	61.2 U	5.7	61.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	2,4-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	2,6-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	2-Nitroaniline	51 U	3.1	51	UG/L
	ST106-FD-10617-27012010	WATER	FD	2-Nitrophenol	20.4 U	0.78	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	3,3'-Dichlorobenzidine	20.4 U	2.8	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	3-Nitroaniline	51 U	2.8	51	UG/L
	ST106-FD-10617-27012010	WATER	FD	4,6-Dinitro-2-methylphenol	61.2 U	0.69	61.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	4-Chloro-3-methylphenol	20.4 U	2.8	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	4-Chloroaniline	20.4 U	3.1	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	4-Methylphenol	20.4 R	6.2	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	4-Nitroaniline	10.2 U	1.3	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	4-Nitrophenol	51 UJ	1	51	UG/L
	ST106-FD-10617-27012010	WATER	FD	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Acenaphthylene	10.2 U	3.1	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-10617-27012010	WATER	FD	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzidine	153 R	20.4	153	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzoic acid	61.2 U	14.3	61.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Butyl benzylphthalate	20.4 U	3.1	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	Chrysene	10.2 U	3	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Dibenzo (a,h) anthracene	10.2 U	1.2	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Di-n-butylphthalate	20.4 U	0.88	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	Di-n-octylphthalate	20.4 U	1.1	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	Fluoranthene	20.4 U	2.8	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	Fluorene	10.2 U	3	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-10617-27012010	WATER	FD	Hexachlorocyclopentadiene	10.2 U	0.84	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Indeno(1,2,3-cd)pyrene	10.2 U	1.6	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Nitrobenzene	20.4 U	1	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	n-Nitrosodi-n-propylamine	20.4 U	3.1	20.4	UG/L
	ST106-FD-10617-27012010	WATER	FD	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Pentachlorophenol	61.2 U	1.4	61.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Phenol	10.2 R	1.7	10.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	Pyrene	10.2 U	1.2	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,2-Diphenylhydrazine	10.2 U	3.1	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	1,3-Dinitrobenzene	10.2 U	2.5	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	2,4,5-Trichlorophenol	20.3 U	3.4	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	2,4,6-Trichlorophenol	20.3 U	3.6	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	2,4-Dichlorophenol	10.2 U	3.1	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	2,4-Dinitrophenol	60.9 U	5.7	60.9	UG/L
	ST106-FD-10622-13102009	WATER	FD	2,4-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	2,6-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	2-Chlorophenol	10.2 U	2.9	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-10622-13102009	WATER	FD	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	2-Nitroaniline	50.8 U	3	50.8	UG/L
	ST106-FD-10622-13102009	WATER	FD	2-Nitrophenol	20.3 U	3.4	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	3,3'-Dichlorobenzidine	20.3 U	2.7	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	3-Nitroaniline	50.8 U	2.8	50.8	UG/L
	ST106-FD-10622-13102009	WATER	FD	4,6-Dinitro-2-methylphenol	60.9 U	3.4	60.9	UG/L
	ST106-FD-10622-13102009	WATER	FD	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	4-Chloro-3-methylphenol	20.3 U	2.7	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	4-Chloroaniline	20.3 U	3	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	4-Chlorophenyl phenyl ether	10.2 U	2.5	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	4-Methylphenol	20.3 U	6.2	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	4-Nitroaniline	10.2 U	2.8	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	4-Nitrophenol	50.8 U	2.9	50.8	UG/L
	ST106-FD-10622-13102009	WATER	FD	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Acenaphthylene	10.2 U	3	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzidine	152 R	20.3	152	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzo(k)fluoranthene	10.2 U	2.9	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-10622-13102009	WATER	FD	Benzoic acid	60.9 U	14.2	60.9	UG/L
	ST106-FD-10622-13102009	WATER	FD	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Bis (2-chloroethyl) ether	10.2 U	3	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Butyl benzylphthalate	20.3 U	3	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	Chrysene	10.2 U	2.9	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Dibenzo (a,h) anthracene	10.2 U	2.7	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Dibenzofuran	10.2 U	2.7	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Dimethyl phthalate	10.2 U	3	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Di-n-butylphthalate	20.3 U	2.9	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	Di-n-octylphthalate	20.3 U	2.8	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	Fluoranthene	20.3 U	2.8	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	Fluorene	10.2 U	2.9	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Hexachlorobutadiene	10.2 U	2.5	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Indeno(1,2,3-cd)pyrene	10.2 U	2.6	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Nitrobenzene	20.3 U	2.8	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	n-Nitrosodi-n-propylamine	20.3 U	3	20.3	UG/L
	ST106-FD-10622-13102009	WATER	FD	n-Nitrosodiphenylamine	10.2 U	3.4	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-10622-13102009	WATER	FD	Pentachlorophenol	60.9 U	2.6	60.9	UG/L
	ST106-FD-10622-13102009	WATER	FD	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Pyrene	10.2 U	2.9	10.2	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,2-Diphenylhydrazine	10.5 U	3.3	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	2,4,5-Trichlorophenol	21 U	3.6	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	2,4,6-Trichlorophenol	21 U	0.88	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	2,4-Dichlorophenol	10.5 U	3.3	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	2,4-Dinitrophenol	63.2 U	5.9	63.2	UG/L
	ST106-FD-10623-21012010	WATER	FD	2,4-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	2,6-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	2-Methylnaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	2-Methylphenol	10.5 U	2.7	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	2-Nitroaniline	52.6 U	3.2	52.6	UG/L
	ST106-FD-10623-21012010	WATER	FD	2-Nitrophenol	21 U	0.81	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	3,3'-Dichlorobenzidine	21 U	2.8	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	3-Nitroaniline	52.6 U	2.9	52.6	UG/L
	ST106-FD-10623-21012010	WATER	FD	4,6-Dinitro-2-methylphenol	63.2 U	0.72	63.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-10623-21012010	WATER	FD	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	4-Chloro-3-methylphenol	21 U	2.8	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	4-Chloroaniline	21 U	3.2	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	4-Methylphenol	21 U	6.4	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	4-Nitroaniline	10.5 U	1.4	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	4-Nitrophenol	52.6 UJ	1	52.6	UG/L
	ST106-FD-10623-21012010	WATER	FD	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Acenaphthylene	10.5 U	3.2	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Anthracene	10.5 U	2.9	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzidine	158 U	21	158	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzoic acid	63.2 UJ	14.7	63.2	UG/L
	ST106-FD-10623-21012010	WATER	FD	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Bis (2-chloroethyl) ether	10.5 U	3.2	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Bis (2-ethylhexyl) phthalate	15.5	4.6	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Butyl benzylphthalate	21 U	3.2	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	Chrysene	10.5 U	3	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Dibenzo (a,h) anthracene	10.5 U	1.3	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-10623-21012010	WATER	FD	Dibenzofuran	10.5 U	2.8	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Diethyl phthalate	10.5 U	2.9	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Dimethyl phthalate	10.5 U	3.2	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Di-n-butylphthalate	21 U	0.9	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	Di-n-octylphthalate	21 U	1.2	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	Fluoranthene	21 U	2.9	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	Fluorene	10.5 U	3	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Hexachlorocyclopentadiene	10.5 U	0.86	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Hexachloroethane	10.5 U	2.7	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Indeno(1,2,3-cd)pyrene	10.5 U	1.7	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Naphthalene	10.5 U	2.9	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Nitrobenzene	21 U	1	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	n-Nitrosodi-n-propylamine	21 U	3.2	21	UG/L
	ST106-FD-10623-21012010	WATER	FD	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Pentachlorophenol	63.2 U	1.5	63.2	UG/L
	ST106-FD-10623-21012010	WATER	FD	Phenanthrene	10.5 U	2.9	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Phenol	10.5 UJ	1.8	10.5	UG/L
	ST106-FD-10623-21012010	WATER	FD	Pyrene	10.5 U	1.3	10.5	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-1064-13012010	WATER	FD	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	2,4,6-Trichlorophenol	20.6 U	0.86	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-FD-1064-13012010	WATER	FD	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-FD-1064-13012010	WATER	FD	2-Nitrophenol	20.6 U	0.79	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-FD-1064-13012010	WATER	FD	4,6-Dinitro-2-methylphenol	61.8 U	0.7	61.8	UG/L
	ST106-FD-1064-13012010	WATER	FD	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	4-Nitroaniline	10.3 U	1.3	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	4-Nitrophenol	51.5 UJ	1	51.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-1064-13012010	WATER	FD	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzidine	155 U	20.6	155	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzoic acid	61.8 R	14.4	61.8	UG/L
	ST106-FD-1064-13012010	WATER	FD	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Bis (2-ethylhexyl) phthalate	9.2 J	4.5	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	Chrysene	10.3 U	3	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Dibenzo (a,h) anthracene	10.3 U	1.2	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Di-n-butylphthalate	20.6 U	0.89	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	Di-n-octylphthalate	20.6 U	1.1	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	Fluorene	10.3 U	3	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-FD-1064-13012010	WATER	FD	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Hexachlorocyclopentadiene	10.3 U	0.84	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Indeno(1,2,3-cd)pyrene	10.3 U	1.6	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Nitrobenzene	20.6 U	1	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-FD-1064-13012010	WATER	FD	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Pentachlorophenol	61.8 U	1.4	61.8	UG/L
	ST106-FD-1064-13012010	WATER	FD	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-FD-1064-13012010	WATER	FD	Pyrene	10.3 U	1.2	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	2,4,6-Trichlorophenol	20.6 U	3.7	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-10611-09102009	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-09102009	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-10611-09102009	WATER	N	2-Nitrophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-10611-09102009	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	3.4	61.8	UG/L
	ST106-GW-10611-09102009	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	4-Nitroaniline	10.3 U	2.9	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	4-Nitrophenol	51.5 UJ	3	51.5	UG/L
	ST106-GW-10611-09102009	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzidine	155 R	20.6	155	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-09102009	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzoic acid	61.8 U	14.4	61.8	UG/L
	ST106-GW-10611-09102009	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Bis (2-ethylhexyl) phthalate	6.4 J	4.5	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Dibenzo (a,h) anthracene	10.3 U	2.8	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Di-n-butylphthalate	20.6 U	3	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	Di-n-octylphthalate	20.6 U	2.9	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Hexachlorocyclopentadiene	10.3 U	2.3	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Nitrobenzene	20.6 U	2.9	20.6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-09102009	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-10611-09102009	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Pentachlorophenol	61.8 U	2.7	61.8	UG/L
	ST106-GW-10611-09102009	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-10611-09102009	WATER	N	Pyrene	10.3 U	3	10.3	UG/L
	ST106-GW-10611-11012010	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.2	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	2,4,5-Trichlorophenol	20.4 U	3.5	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	2,4,6-Trichlorophenol	20.4 U	0.86	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	2,4-Dichlorophenol	10.2 U	3.2	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	2,4-Dinitrophenol	61.2 U	5.7	61.2	UG/L
	ST106-GW-10611-11012010	WATER	N	2,4-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	2,6-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	2-Nitroaniline	51 U	3.1	51	UG/L
	ST106-GW-10611-11012010	WATER	N	2-Nitrophenol	20.4 U	0.78	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	3,3'-Dichlorobenzidine	20.4 U	2.8	20.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-11012010	WATER	N	3-Nitroaniline	51 U	2.8	51	UG/L
	ST106-GW-10611-11012010	WATER	N	4,6-Dinitro-2-methylphenol	61.2 U	0.69	61.2	UG/L
	ST106-GW-10611-11012010	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	4-Chloro-3-methylphenol	20.4 U	2.8	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	4-Chloroaniline	20.4 U	3.1	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	4-Methylphenol	20.4 U	6.2	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	4-Nitroaniline	10.2 U	1.3	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	4-Nitrophenol	51 UJ	1	51	UG/L
	ST106-GW-10611-11012010	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzidine	153 U	20.4	153	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzoic acid	61.2 UJ	14.3	61.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Bis (2-ethylhexyl) phthalate	11.5 J	4.5	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Butyl benzylphthalate	20.4 U	3.1	20.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10611-11012010	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Dibenzo (a,h) anthracene	10.2 U	1.2	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Di-n-butylphthalate	20.4 U	0.88	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	Di-n-octylphthalate	12.4 J	1.1	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	Fluoranthene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Hexachlorocyclopentadiene	10.2 U	0.84	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	1.6	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Nitrobenzene	20.4 U	1	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	n-Nitrosodi-n-propylamine	20.4 U	3.1	20.4	UG/L
	ST106-GW-10611-11012010	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Pentachlorophenol	61.2 U	1.4	61.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Pyrene	10.2 U	1.2	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.7	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1061-12102009	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.2	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	2,4,5-Trichlorophenol	20.5 U	3.5	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	2,4,6-Trichlorophenol	20.5 U	3.7	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	2,4-Dichlorophenol	10.2 U	3.2	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	2,4-Dimethylphenol	10.2 U	2.4	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	2,4-Dinitrophenol	61.5 U	5.7	61.5	UG/L
	ST106-GW-1061-12102009	WATER	N	2,4-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	2,6-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	2-Chloronaphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	2-Methylnaphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	2-Methylphenol	10.2 U	2.7	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	2-Nitroaniline	51.3 U	3.1	51.3	UG/L
	ST106-GW-1061-12102009	WATER	N	2-Nitrophenol	20.5 U	3.5	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	3,3'-Dichlorobenzidine	20.5 U	2.8	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	3-Nitroaniline	51.3 U	2.9	51.3	UG/L
	ST106-GW-1061-12102009	WATER	N	4,6-Dinitro-2-methylphenol	61.5 U	3.4	61.5	UG/L
	ST106-GW-1061-12102009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.4	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	4-Chloro-3-methylphenol	20.5 U	2.8	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	4-Chloroaniline	20.5 U	3.1	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	4-Methylphenol	20.5 U	6.2	20.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1061-12102009	WATER	N	4-Nitroaniline	10.2 U	2.9	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	4-Nitrophenol	51.3 U	3	51.3	UG/L
	ST106-GW-1061-12102009	WATER	N	Acenaphthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Anthracene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzidine	154 R	20.5	154	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzo (a) pyrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.7	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.7	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzo(a)anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzoic acid	61.5 U	14.4	61.5	UG/L
	ST106-GW-1061-12102009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Butyl benzylphthalate	20.5 U	3.1	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Diethyl phthalate	10.2 U	2.9	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Di-n-butylphthalate	20.5 U	3	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	Di-n-octylphthalate	20.5 U	2.9	20.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1061-12102009	WATER	N	Fluoranthene	20.5 U	2.9	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Hexachloroethane	10.2 U	2.7	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.7	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Naphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Nitrobenzene	20.5 U	2.9	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	n-Nitrosodi-n-propylamine	20.5 U	3.1	20.5	UG/L
	ST106-GW-1061-12102009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Pentachlorophenol	61.5 U	2.7	61.5	UG/L
	ST106-GW-1061-12102009	WATER	N	Phenanthrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-1061-12102009	WATER	N	Pyrene	10.2 U	3	10.2	UG/L
	ST106-GW-1061-13012010	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	2,4,6-Trichlorophenol	20.6 U	0.86	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1061-13012010	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-1061-13012010	WATER	N	2-Nitrophenol	20.6 U	0.79	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-1061-13012010	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	0.7	61.8	UG/L
	ST106-GW-1061-13012010	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	4-Nitroaniline	10.3 U	1.3	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	4-Nitrophenol	51.5 UJ	1	51.5	UG/L
	ST106-GW-1061-13012010	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-1061-13012010	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1061-13012010	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Benzoic acid	63.2 UJ	14.7	63.2	UG/L
	ST106-GW-1061-13012010	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Bis (2-ethylhexyl) phthalate	54.7 J	4.5	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Dibenzo (a,h) anthracene	10.3 U	1.2	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Di-n-butylphthalate	20.6 U	0.89	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	Di-n-octylphthalate	20.6 U	1.1	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Hexachlorocyclopentadiene	10.3 U	0.84	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	1.6	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1061-13012010	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Nitrobenzene	20.6 U	1	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-1061-13012010	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Pentachlorophenol	61.8 U	1.4	61.8	UG/L
	ST106-GW-1061-13012010	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-1061-13012010	WATER	N	Pyrene	10.3 U	1.2	10.3	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.2	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	2,4,5-Trichlorophenol	20.5 U	3.5	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	2,4,6-Trichlorophenol	20.5 U	3.7	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	2,4-Dichlorophenol	10.2 U	3.2	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	2,4-Dimethylphenol	10.2 U	2.4	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	2,4-Dinitrophenol	61.5 U	5.7	61.5	UG/L
	ST106-GW-10612-09102009	WATER	N	2,4-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	2,6-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	2-Chloronaphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	2-Methylnaphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	2-Methylphenol	10.2 U	2.7	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	2-Nitroaniline	51.3 U	3.1	51.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-09102009	WATER	N	2-Nitrophenol	20.5 U	3.5	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	3,3'-Dichlorobenzidine	20.5 U	2.8	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	3-Nitroaniline	51.3 U	2.9	51.3	UG/L
	ST106-GW-10612-09102009	WATER	N	4,6-Dinitro-2-methylphenol	61.5 U	3.4	61.5	UG/L
	ST106-GW-10612-09102009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.4	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	4-Chloro-3-methylphenol	20.5 U	2.8	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	4-Chloroaniline	20.5 U	3.1	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	4-Methylphenol	20.5 U	6.2	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	4-Nitroaniline	10.2 U	2.9	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	4-Nitrophenol	51.3 UJ	3	51.3	UG/L
	ST106-GW-10612-09102009	WATER	N	Acenaphthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Anthracene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzidine	154 R	20.5	154	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzo (a) pyrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzo(a)anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzoic acid	61.5 U	14.4	61.5	UG/L
	ST106-GW-10612-09102009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-09102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Butyl benzylphthalate	20.5 U	3.1	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Diethyl phthalate	10.2 U	2.9	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Di-n-butylphthalate	20.5 U	3	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	Di-n-octylphthalate	20.5 U	2.9	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	Fluoranthene	20.5 U	2.9	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Hexachloroethane	10.2 U	2.7	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Naphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Nitrobenzene	20.5 U	2.9	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	n-Nitrosodi-n-propylamine	20.5 U	3.1	20.5	UG/L
	ST106-GW-10612-09102009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Pentachlorophenol	61.5 U	2.7	61.5	UG/L
	ST106-GW-10612-09102009	WATER	N	Phenanthrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-09102009	WATER	N	Pyrene	10.2 U	3	10.2	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2-Dichlorobenzene	10 U	2.6	10	UG/L
	ST106-GW-10612-12012010	WATER	N	1,2-Diphenylhydrazine	10 U	3.1	10	UG/L
	ST106-GW-10612-12012010	WATER	N	1,3-Dinitrobenzene	10 U	2.5	10	UG/L
	ST106-GW-10612-12012010	WATER	N	2,4,5-Trichlorophenol	20 U	3.4	20	UG/L
	ST106-GW-10612-12012010	WATER	N	2,4,6-Trichlorophenol	20 U	0.84	20	UG/L
	ST106-GW-10612-12012010	WATER	N	2,4-Dichlorophenol	10 U	3.1	10	UG/L
	ST106-GW-10612-12012010	WATER	N	2,4-Dimethylphenol	10 U	2.3	10	UG/L
	ST106-GW-10612-12012010	WATER	N	2,4-Dinitrophenol	60 U	5.6	60	UG/L
	ST106-GW-10612-12012010	WATER	N	2,4-Dinitrotoluene	20 U	2.8	20	UG/L
	ST106-GW-10612-12012010	WATER	N	2,6-Dinitrotoluene	20 U	2.8	20	UG/L
	ST106-GW-10612-12012010	WATER	N	2-Chloronaphthalene	10 U	2.8	10	UG/L
	ST106-GW-10612-12012010	WATER	N	2-Chlorophenol	10 U	2.9	10	UG/L
	ST106-GW-10612-12012010	WATER	N	2-Methylnaphthalene	10 U	2.8	10	UG/L
	ST106-GW-10612-12012010	WATER	N	2-Methylphenol	10 U	2.6	10	UG/L
	ST106-GW-10612-12012010	WATER	N	2-Nitroaniline	50 U	3	50	UG/L
	ST106-GW-10612-12012010	WATER	N	2-Nitrophenol	20 U	0.77	20	UG/L
	ST106-GW-10612-12012010	WATER	N	3,3'-Dichlorobenzidine	20 U	2.7	20	UG/L
	ST106-GW-10612-12012010	WATER	N	3-Nitroaniline	50 U	2.8	50	UG/L
	ST106-GW-10612-12012010	WATER	N	4,6-Dinitro-2-methylphenol	60 U	0.68	60	UG/L
	ST106-GW-10612-12012010	WATER	N	4-Bromophenyl phenyl ether	10 U	2.3	10	UG/L
	ST106-GW-10612-12012010	WATER	N	4-Chloro-3-methylphenol	20 U	2.7	20	UG/L
	ST106-GW-10612-12012010	WATER	N	4-Chloroaniline	20 U	3	20	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-12012010	WATER	N	4-Chlorophenyl phenyl ether	10 U	2.5	10	UG/L
	ST106-GW-10612-12012010	WATER	N	4-Methylphenol	20 U	6.1	20	UG/L
	ST106-GW-10612-12012010	WATER	N	4-Nitroaniline	10 U	1.3	10	UG/L
	ST106-GW-10612-12012010	WATER	N	4-Nitrophenol	50 UJ	1	50	UG/L
	ST106-GW-10612-12012010	WATER	N	Acenaphthene	10 U	2.8	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Acenaphthylene	10 U	3	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Anthracene	10 U	2.8	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzidine	150 U	20	150	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzo (a) pyrene	10 U	2.8	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzo (b) fluoranthene	10 U	2.6	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzo (g,h,i) perylene	10 U	2.6	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzo(a)anthracene	10 U	2.6	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzo(k)fluoranthene	10 U	2.9	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzoic acid	61.2 UJ	14.3	61.2	UG/L
	ST106-GW-10612-12012010	WATER	N	Bis (2-chloroethoxy) methane	10 U	3.5	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Bis (2-chloroethyl) ether	10 U	3	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Bis (2-ethylhexyl) phthalate	7.3 J	4.4	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Butyl benzylphthalate	20 U	3	20	UG/L
	ST106-GW-10612-12012010	WATER	N	Chrysene	10 U	2.9	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Dibenzo (a,h) anthracene	10 U	1.2	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Dibenzofuran	10 U	2.7	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Diethyl phthalate	10 U	2.8	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Dimethyl phthalate	10 U	3	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10612-12012010	WATER	N	Di-n-butylphthalate	20 U	0.86	20	UG/L
	ST106-GW-10612-12012010	WATER	N	Di-n-octylphthalate	20 U	1.1	20	UG/L
	ST106-GW-10612-12012010	WATER	N	Fluoranthene	20 U	2.8	20	UG/L
	ST106-GW-10612-12012010	WATER	N	Fluorene	10 U	2.9	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Hexachlorobenzene	10 U	0.41	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Hexachlorobutadiene	10 U	2.5	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Hexachlorocyclopentadiene	10 U	0.82	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Hexachloroethane	10 U	2.6	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	1.6	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Naphthalene	10 U	2.8	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Nitrobenzene	20 U	1	20	UG/L
	ST106-GW-10612-12012010	WATER	N	n-Nitrosodi-n-propylamine	20 U	3	20	UG/L
	ST106-GW-10612-12012010	WATER	N	n-Nitrosodiphenylamine	10 U	3.4	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Pentachlorophenol	60 U	1.4	60	UG/L
	ST106-GW-10612-12012010	WATER	N	Phenanthrene	10 U	2.8	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Phenol	10 UJ	1.7	10	UG/L
	ST106-GW-10612-12012010	WATER	N	Pyrene	10 U	1.2	10	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.1	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.5	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	2,4,5-Trichlorophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	2,4,6-Trichlorophenol	20.3 U	3.6	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	2,4-Dichlorophenol	10.2 U	3.1	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-15102009	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	2,4-Dinitrophenol	60.9 U	5.7	60.9	UG/L
	ST106-GW-10613-15102009	WATER	N	2,4-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	2,6-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	2-Chlorophenol	10.2 U	2.9	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	2-Nitroaniline	50.8 U	3	50.8	UG/L
	ST106-GW-10613-15102009	WATER	N	2-Nitrophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	3,3'-Dichlorobenzidine	20.3 U	2.7	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	3-Nitroaniline	50.8 U	2.8	50.8	UG/L
	ST106-GW-10613-15102009	WATER	N	4,6-Dinitro-2-methylphenol	60.9 U	3.4	60.9	UG/L
	ST106-GW-10613-15102009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	4-Chloro-3-methylphenol	20.3 U	2.7	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	4-Chloroaniline	20.3 U	3	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.5	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	4-Methylphenol	20.3 U	6.2	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	4-Nitroaniline	10.2 U	2.8	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	4-Nitrophenol	50.8 UJ	2.9	50.8	UG/L
	ST106-GW-10613-15102009	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Acenaphthylene	10.2 U	3	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-15102009	WATER	N	Benzidine	152 R	20.3	152	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzo(k)fluoranthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzoic acid	60.9 U	14.2	60.9	UG/L
	ST106-GW-10613-15102009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Bis (2-ethylhexyl) phthalate	12.3 J	4.5	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Butyl benzylphthalate	20.3 U	3	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	Chrysene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Dibenzofuran	10.2 U	2.7	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Dimethyl phthalate	10.2 U	3	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Di-n-butylphthalate	20.3 U	2.9	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	Di-n-octylphthalate	20.3 U	2.8	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	Fluoranthene	20.3 U	2.8	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	Fluorene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Hexachlorobutadiene	10.2 U	2.5	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-15102009	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Nitrobenzene	20.3 U	2.8	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	n-Nitrosodi-n-propylamine	20.3 U	3	20.3	UG/L
	ST106-GW-10613-15102009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.4	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Pentachlorophenol	60.9 U	2.6	60.9	UG/L
	ST106-GW-10613-15102009	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Pyrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	2,4,6-Trichlorophenol	20.6 U	0.86	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-10613-26012010	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-26012010	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-10613-26012010	WATER	N	2-Nitrophenol	20.6 U	0.79	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-10613-26012010	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	0.7	61.8	UG/L
	ST106-GW-10613-26012010	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	4-Nitroaniline	10.3 U	1.3	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	4-Nitrophenol	51.5 U	1	51.5	UG/L
	ST106-GW-10613-26012010	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-10613-26012010	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Benzoic acid	61.8 U	14.4	61.8	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-26012010	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Dibenzo (a,h) anthracene	10.3 U	1.2	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Di-n-butylphthalate	20.6 U	0.89	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	Di-n-octylphthalate	3.9 J	1.1	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Hexachlorocyclopentadiene	10.3 U	0.84	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	1.6	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Nitrobenzene	20.6 U	1	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-10613-26012010	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Pentachlorophenol	61.8 U	1.4	61.8	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10613-26012010	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Phenol	10.3 U	1.8	10.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Pyrene	10.3 U	1.2	10.3	UG/L
	ST106-GW-10615-09102009	WATER	N	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	1,2-Diphenylhydrazine	10.5 U	3.3	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	2,4,5-Trichlorophenol	21 U	3.6	21	UG/L
	ST106-GW-10615-09102009	WATER	N	2,4,6-Trichlorophenol	21 U	3.8	21	UG/L
	ST106-GW-10615-09102009	WATER	N	2,4-Dichlorophenol	10.5 U	3.3	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	2,4-Dinitrophenol	63.2 U	5.9	63.2	UG/L
	ST106-GW-10615-09102009	WATER	N	2,4-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10615-09102009	WATER	N	2,6-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10615-09102009	WATER	N	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	2-Methylnaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	2-Methylphenol	10.5 U	2.7	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	2-Nitroaniline	52.6 U	3.2	52.6	UG/L
	ST106-GW-10615-09102009	WATER	N	2-Nitrophenol	21 U	3.6	21	UG/L
	ST106-GW-10615-09102009	WATER	N	3,3'-Dichlorobenzidine	21 U	2.8	21	UG/L
	ST106-GW-10615-09102009	WATER	N	3-Nitroaniline	52.6 U	2.9	52.6	UG/L
	ST106-GW-10615-09102009	WATER	N	4,6-Dinitro-2-methylphenol	63.2 U	3.5	63.2	UG/L
	ST106-GW-10615-09102009	WATER	N	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10615-09102009	WATER	N	4-Chloro-3-methylphenol	21 U	2.8	21	UG/L
	ST106-GW-10615-09102009	WATER	N	4-Chloroaniline	21 U	3.2	21	UG/L
	ST106-GW-10615-09102009	WATER	N	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	4-Methylphenol	21 U	6.4	21	UG/L
	ST106-GW-10615-09102009	WATER	N	4-Nitroaniline	10.5 U	2.9	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	4-Nitrophenol	52.6 UJ	3	52.6	UG/L
	ST106-GW-10615-09102009	WATER	N	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Acenaphthylene	10.5 U	3.2	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Anthracene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzidine	158 R	21	158	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzoic acid	63.2 U	14.7	63.2	UG/L
	ST106-GW-10615-09102009	WATER	N	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Bis (2-chloroethyl) ether	10.5 U	3.2	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.5 U	4.6	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Butyl benzylphthalate	21 U	3.2	21	UG/L
	ST106-GW-10615-09102009	WATER	N	Chrysene	10.5 U	3	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Dibenzo (a,h) anthracene	10.5 U	2.8	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Dibenzofuran	10.5 U	2.8	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10615-09102009	WATER	N	Diethyl phthalate	10.5 U	2.9	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Dimethyl phthalate	10.5 U	3.2	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Di-n-butylphthalate	21 U	3	21	UG/L
	ST106-GW-10615-09102009	WATER	N	Di-n-octylphthalate	21 U	2.9	21	UG/L
	ST106-GW-10615-09102009	WATER	N	Fluoranthene	21 U	2.9	21	UG/L
	ST106-GW-10615-09102009	WATER	N	Fluorene	10.5 U	3	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Hexachlorocyclopentadiene	10.5 U	2.3	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Hexachloroethane	10.5 U	2.7	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Naphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Nitrobenzene	21 U	2.9	21	UG/L
	ST106-GW-10615-09102009	WATER	N	n-Nitrosodi-n-propylamine	21 U	3.2	21	UG/L
	ST106-GW-10615-09102009	WATER	N	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Pentachlorophenol	63.2 U	2.7	63.2	UG/L
	ST106-GW-10615-09102009	WATER	N	Phenanthrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Phenol	10.5 UJ	1.8	10.5	UG/L
	ST106-GW-10615-09102009	WATER	N	Pyrene	10.5 U	3	10.5	UG/L
	ST106-GW-10615-12012010	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.2	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	2,4,5-Trichlorophenol	20.4 U	3.5	20.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10615-12012010	WATER	N	2,4,6-Trichlorophenol	20.4 U	0.86	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	2,4-Dichlorophenol	10.2 U	3.2	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	2,4-Dinitrophenol	61.2 U	5.7	61.2	UG/L
	ST106-GW-10615-12012010	WATER	N	2,4-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	2,6-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	2-Nitroaniline	51 U	3.1	51	UG/L
	ST106-GW-10615-12012010	WATER	N	2-Nitrophenol	20.4 U	0.78	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	3,3'-Dichlorobenzidine	20.4 U	2.8	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	3-Nitroaniline	51 U	2.8	51	UG/L
	ST106-GW-10615-12012010	WATER	N	4,6-Dinitro-2-methylphenol	61.2 U	0.69	61.2	UG/L
	ST106-GW-10615-12012010	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	4-Chloro-3-methylphenol	20.4 U	2.8	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	4-Chloroaniline	20.4 U	3.1	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	4-Methylphenol	20.4 U	6.2	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	4-Nitroaniline	10.2 U	1.3	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	4-Nitrophenol	51 UJ	1	51	UG/L
	ST106-GW-10615-12012010	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10615-12012010	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzidine	153 U	20.4	153	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzoic acid	61.2 UJ	14.3	61.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Bis (2-ethylhexyl) phthalate	5 J	4.5	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Butyl benzylphthalate	20.4 U	3.1	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Dibenzo (a,h) anthracene	10.2 U	1.2	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Di-n-butylphthalate	20.4 U	0.88	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	Di-n-octylphthalate	20.4 U	1.1	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	Fluoranthene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10615-12012010	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Hexachlorocyclopentadiene	10.2 U	0.84	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	1.6	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Nitrobenzene	20.4 U	1	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	n-Nitrosodi-n-propylamine	20.4 U	3.1	20.4	UG/L
	ST106-GW-10615-12012010	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Pentachlorophenol	61.2 U	1.4	61.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-10615-12012010	WATER	N	Pyrene	10.2 U	1.2	10.2	UG/L
	ST106-GW-10616-09102009	WATER	N	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	1,2-Diphenylhydrazine	10.5 U	3.3	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	2,4,5-Trichlorophenol	21 U	3.6	21	UG/L
	ST106-GW-10616-09102009	WATER	N	2,4,6-Trichlorophenol	21 U	3.8	21	UG/L
	ST106-GW-10616-09102009	WATER	N	2,4-Dichlorophenol	10.5 U	3.3	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	2,4-Dinitrophenol	63.2 U	5.9	63.2	UG/L
	ST106-GW-10616-09102009	WATER	N	2,4-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10616-09102009	WATER	N	2,6-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10616-09102009	WATER	N	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10616-09102009	WATER	N	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	2-Methylnaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	2-Methylphenol	10.5 U	2.7	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	2-Nitroaniline	52.6 U	3.2	52.6	UG/L
	ST106-GW-10616-09102009	WATER	N	2-Nitrophenol	21 U	3.6	21	UG/L
	ST106-GW-10616-09102009	WATER	N	3,3'-Dichlorobenzidine	21 U	2.8	21	UG/L
	ST106-GW-10616-09102009	WATER	N	3-Nitroaniline	52.6 U	2.9	52.6	UG/L
	ST106-GW-10616-09102009	WATER	N	4,6-Dinitro-2-methylphenol	63.2 U	3.5	63.2	UG/L
	ST106-GW-10616-09102009	WATER	N	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	4-Chloro-3-methylphenol	21 U	2.8	21	UG/L
	ST106-GW-10616-09102009	WATER	N	4-Chloroaniline	21 U	3.2	21	UG/L
	ST106-GW-10616-09102009	WATER	N	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	4-Methylphenol	21 U	6.4	21	UG/L
	ST106-GW-10616-09102009	WATER	N	4-Nitroaniline	10.5 U	2.9	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	4-Nitrophenol	52.6 UJ	3	52.6	UG/L
	ST106-GW-10616-09102009	WATER	N	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Acenaphthylene	10.5 U	3.2	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Anthracene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzidine	158 R	21	158	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10616-09102009	WATER	N	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzoic acid	63.2 U	14.7	63.2	UG/L
	ST106-GW-10616-09102009	WATER	N	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Bis (2-chloroethyl) ether	10.5 U	3.2	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.5 U	4.6	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Butyl benzylphthalate	21 U	3.2	21	UG/L
	ST106-GW-10616-09102009	WATER	N	Chrysene	10.5 U	3	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Dibenzo (a,h) anthracene	10.5 U	2.8	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Dibenzofuran	10.5 U	2.8	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Diethyl phthalate	10.5 U	2.9	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Dimethyl phthalate	10.5 U	3.2	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Di-n-butylphthalate	21 U	3	21	UG/L
	ST106-GW-10616-09102009	WATER	N	Di-n-octylphthalate	21 U	2.9	21	UG/L
	ST106-GW-10616-09102009	WATER	N	Fluoranthene	21 U	2.9	21	UG/L
	ST106-GW-10616-09102009	WATER	N	Fluorene	10.5 U	3	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Hexachlorocyclopentadiene	10.5 U	2.3	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Hexachloroethane	10.5 U	2.7	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Naphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Nitrobenzene	21 U	2.9	21	UG/L
	ST106-GW-10616-09102009	WATER	N	n-Nitrosodi-n-propylamine	21 U	3.2	21	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10616-09102009	WATER	N	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Pentachlorophenol	63.2 U	2.7	63.2	UG/L
	ST106-GW-10616-09102009	WATER	N	Phenanthrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Phenol	10.5 UJ	1.8	10.5	UG/L
	ST106-GW-10616-09102009	WATER	N	Pyrene	10.5 U	3	10.5	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2-Dichlorobenzene	10 U	2.6	10	UG/L
	ST106-GW-10616-12012010	WATER	N	1,2-Diphenylhydrazine	10 U	3.1	10	UG/L
	ST106-GW-10616-12012010	WATER	N	1,3-Dinitrobenzene	10 U	2.5	10	UG/L
	ST106-GW-10616-12012010	WATER	N	2,4,5-Trichlorophenol	20 U	3.4	20	UG/L
	ST106-GW-10616-12012010	WATER	N	2,4,6-Trichlorophenol	20 U	0.84	20	UG/L
	ST106-GW-10616-12012010	WATER	N	2,4-Dichlorophenol	10 U	3.1	10	UG/L
	ST106-GW-10616-12012010	WATER	N	2,4-Dimethylphenol	10 U	2.3	10	UG/L
	ST106-GW-10616-12012010	WATER	N	2,4-Dinitrophenol	60 U	5.6	60	UG/L
	ST106-GW-10616-12012010	WATER	N	2,4-Dinitrotoluene	20 U	2.8	20	UG/L
	ST106-GW-10616-12012010	WATER	N	2,6-Dinitrotoluene	20 U	2.8	20	UG/L
	ST106-GW-10616-12012010	WATER	N	2-Chloronaphthalene	10 U	2.8	10	UG/L
	ST106-GW-10616-12012010	WATER	N	2-Chlorophenol	10 U	2.9	10	UG/L
	ST106-GW-10616-12012010	WATER	N	2-Methylnaphthalene	10 U	2.8	10	UG/L
	ST106-GW-10616-12012010	WATER	N	2-Methylphenol	10 U	2.6	10	UG/L
	ST106-GW-10616-12012010	WATER	N	2-Nitroaniline	50 U	3	50	UG/L
	ST106-GW-10616-12012010	WATER	N	2-Nitrophenol	20 U	0.77	20	UG/L
	ST106-GW-10616-12012010	WATER	N	3,3'-Dichlorobenzidine	20 U	2.7	20	UG/L
	ST106-GW-10616-12012010	WATER	N	3-Nitroaniline	50 U	2.8	50	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10616-12012010	WATER	N	4,6-Dinitro-2-methylphenol	60 U	0.68	60	UG/L
	ST106-GW-10616-12012010	WATER	N	4-Bromophenyl phenyl ether	10 U	2.3	10	UG/L
	ST106-GW-10616-12012010	WATER	N	4-Chloro-3-methylphenol	20 U	2.7	20	UG/L
	ST106-GW-10616-12012010	WATER	N	4-Chloroaniline	20 U	3	20	UG/L
	ST106-GW-10616-12012010	WATER	N	4-Chlorophenyl phenyl ether	10 U	2.5	10	UG/L
	ST106-GW-10616-12012010	WATER	N	4-Methylphenol	20 U	6.1	20	UG/L
	ST106-GW-10616-12012010	WATER	N	4-Nitroaniline	10 U	1.3	10	UG/L
	ST106-GW-10616-12012010	WATER	N	4-Nitrophenol	50 UJ	1	50	UG/L
	ST106-GW-10616-12012010	WATER	N	Acenaphthene	10 U	2.8	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Acenaphthylene	10 U	3	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Anthracene	10 U	2.8	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzidine	150 U	20	150	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzo (a) pyrene	10 U	2.8	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzo (b) fluoranthene	10 U	2.6	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzo (g,h,i) perylene	10 U	2.6	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzo(a)anthracene	10 U	2.6	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzo(k)fluoranthene	10 U	2.9	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzoic acid	56.1 UJ	13.1	56.1	UG/L
	ST106-GW-10616-12012010	WATER	N	Bis (2-chloroethoxy) methane	10 U	3.5	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Bis (2-chloroethyl) ether	10 U	3	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Bis (2-ethylhexyl) phthalate	7.6 J	4.4	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Butyl benzylphthalate	20 U	3	20	UG/L
	ST106-GW-10616-12012010	WATER	N	Chrysene	10 U	2.9	10	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10616-12012010	WATER	N	Dibenzo (a,h) anthracene	10 U	1.2	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Dibenzofuran	10 U	2.7	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Diethyl phthalate	10 U	2.8	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Dimethyl phthalate	10 U	3	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Di-n-butylphthalate	20 U	0.86	20	UG/L
	ST106-GW-10616-12012010	WATER	N	Di-n-octylphthalate	20 U	1.1	20	UG/L
	ST106-GW-10616-12012010	WATER	N	Fluoranthene	20 U	2.8	20	UG/L
	ST106-GW-10616-12012010	WATER	N	Fluorene	10 U	2.9	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Hexachlorobenzene	10 U	0.41	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Hexachlorobutadiene	10 U	2.5	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Hexachlorocyclopentadiene	10 U	0.82	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Hexachloroethane	10 U	2.6	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	10 U	1.6	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Naphthalene	10 U	2.8	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Nitrobenzene	20 U	1	20	UG/L
	ST106-GW-10616-12012010	WATER	N	n-Nitrosodi-n-propylamine	20 U	3	20	UG/L
	ST106-GW-10616-12012010	WATER	N	n-Nitrosodiphenylamine	10 U	3.4	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Pentachlorophenol	60 U	1.4	60	UG/L
	ST106-GW-10616-12012010	WATER	N	Phenanthrene	10 U	2.8	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Phenol	10 UJ	1.7	10	UG/L
	ST106-GW-10616-12012010	WATER	N	Pyrene	10 U	1.2	10	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.2	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10617-16102009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	2,4,5-Trichlorophenol	20.5 U	3.5	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	2,4,6-Trichlorophenol	20.5 U	3.7	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	2,4-Dichlorophenol	10.2 U	3.2	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	2,4-Dimethylphenol	10.2 U	2.4	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	2,4-Dinitrophenol	61.5 U	5.7	61.5	UG/L
	ST106-GW-10617-16102009	WATER	N	2,4-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	2,6-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	2-Chloronaphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	2-Methylnaphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	2-Methylphenol	10.2 U	2.7	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	2-Nitroaniline	51.3 U	3.1	51.3	UG/L
	ST106-GW-10617-16102009	WATER	N	2-Nitrophenol	20.5 U	3.5	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	3,3'-Dichlorobenzidine	20.5 U	2.8	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	3-Nitroaniline	51.3 U	2.9	51.3	UG/L
	ST106-GW-10617-16102009	WATER	N	4,6-Dinitro-2-methylphenol	61.5 U	3.4	61.5	UG/L
	ST106-GW-10617-16102009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.4	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	4-Chloro-3-methylphenol	20.5 U	2.8	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	4-Chloroaniline	20.5 U	3.1	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	4-Methylphenol	20.5 U	6.2	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	4-Nitroaniline	10.2 U	2.9	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10617-16102009	WATER	N	4-Nitrophenol	51.3 UJ	3	51.3	UG/L
	ST106-GW-10617-16102009	WATER	N	Acenaphthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Anthracene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzidine	154 R	20.5	154	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzo (a) pyrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzo(a)anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzoic acid	61.5 R	14.4	61.5	UG/L
	ST106-GW-10617-16102009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Butyl benzylphthalate	20.5 U	3.1	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Diethyl phthalate	10.2 U	2.9	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Di-n-butylphthalate	20.5 U	3	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	Di-n-octylphthalate	20.5 U	2.9	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	Fluoranthene	20.5 U	2.9	20.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10617-16102009	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Hexachloroethane	10.2 U	2.7	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Naphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Nitrobenzene	20.5 U	2.9	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	n-Nitrosodi-n-propylamine	20.5 U	3.1	20.5	UG/L
	ST106-GW-10617-16102009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Pentachlorophenol	61.5 U	2.7	61.5	UG/L
	ST106-GW-10617-16102009	WATER	N	Phenanthrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Pyrene	10.2 U	3	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.2	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	2,4,5-Trichlorophenol	20.4 U	3.5	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	2,4,6-Trichlorophenol	20.4 U	0.86	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	2,4-Dichlorophenol	10.2 U	3.2	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	2,4-Dinitrophenol	61.2 U	5.7	61.2	UG/L
	ST106-GW-10617-27012010	WATER	N	2,4-Dinitrotoluene	20.4 U	2.8	20.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10617-27012010	WATER	N	2,6-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	2-Nitroaniline	51 U	3.1	51	UG/L
	ST106-GW-10617-27012010	WATER	N	2-Nitrophenol	20.4 U	0.78	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	3,3'-Dichlorobenzidine	20.4 U	2.8	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	3-Nitroaniline	51 U	2.8	51	UG/L
	ST106-GW-10617-27012010	WATER	N	4,6-Dinitro-2-methylphenol	61.2 U	0.69	61.2	UG/L
	ST106-GW-10617-27012010	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	4-Chloro-3-methylphenol	20.4 U	2.8	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	4-Chloroaniline	20.4 U	3.1	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	4-Methylphenol	20.4 R	6.2	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	4-Nitroaniline	10.2 U	1.3	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	4-Nitrophenol	51 UJ	1	51	UG/L
	ST106-GW-10617-27012010	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzidine	153 R	20.4	153	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10617-27012010	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzoic acid	61.2 U	14.3	61.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Butyl benzylphthalate	20.4 U	3.1	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Dibenzo (a,h) anthracene	10.2 U	1.2	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Di-n-butylphthalate	20.4 U	0.88	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	Di-n-octylphthalate	20.4 U	1.1	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	Fluoranthene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Hexachlorocyclopentadiene	10.2 U	0.84	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	1.6	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10617-27012010	WATER	N	Nitrobenzene	20.4 U	1	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	n-Nitrosodi-n-propylamine	20.4 U	3.1	20.4	UG/L
	ST106-GW-10617-27012010	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Pentachlorophenol	61.2 U	1.4	61.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Phenol	10.2 R	1.7	10.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Pyrene	10.2 U	1.2	10.2	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	1,2-Diphenylhydrazine	10.5 U	3.3	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	2,4,5-Trichlorophenol	21 U	3.6	21	UG/L
	ST106-GW-10618-19012010	WATER	N	2,4,6-Trichlorophenol	21 U	0.88	21	UG/L
	ST106-GW-10618-19012010	WATER	N	2,4-Dichlorophenol	10.5 U	3.3	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	2,4-Dinitrophenol	63.2 U	5.9	63.2	UG/L
	ST106-GW-10618-19012010	WATER	N	2,4-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10618-19012010	WATER	N	2,6-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10618-19012010	WATER	N	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	2-Methylnaphthalene	20.4	2.9	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	2-Methylphenol	10.5 U	2.7	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	2-Nitroaniline	52.6 U	3.2	52.6	UG/L
	ST106-GW-10618-19012010	WATER	N	2-Nitrophenol	21 U	0.81	21	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10618-19012010	WATER	N	3,3'-Dichlorobenzidine	21 U	2.8	21	UG/L
	ST106-GW-10618-19012010	WATER	N	3-Nitroaniline	52.6 U	2.9	52.6	UG/L
	ST106-GW-10618-19012010	WATER	N	4,6-Dinitro-2-methylphenol	63.2 U	0.72	63.2	UG/L
	ST106-GW-10618-19012010	WATER	N	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	4-Chloro-3-methylphenol	21 U	2.8	21	UG/L
	ST106-GW-10618-19012010	WATER	N	4-Chloroaniline	21 U	3.2	21	UG/L
	ST106-GW-10618-19012010	WATER	N	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	4-Methylphenol	21 U	6.4	21	UG/L
	ST106-GW-10618-19012010	WATER	N	4-Nitroaniline	10.5 U	1.4	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	4-Nitrophenol	52.6 UJ	1	52.6	UG/L
	ST106-GW-10618-19012010	WATER	N	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Acenaphthylene	10.5 U	3.2	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Anthracene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzidine	158 U	21	158	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzoic acid	36.4 J	14.7	63.2	UG/L
	ST106-GW-10618-19012010	WATER	N	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Bis (2-chloroethyl) ether	10.5 U	3.2	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.5 U	4.6	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10618-19012010	WATER	N	Butyl benzylphthalate	21 U	3.2	21	UG/L
	ST106-GW-10618-19012010	WATER	N	Chrysene	10.5 U	3	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Dibenzo (a,h) anthracene	10.5 U	1.3	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Dibenzofuran	10.5 U	2.8	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Diethyl phthalate	20.4	2.9	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Dimethyl phthalate	10.5 U	3.2	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Di-n-butylphthalate	21 U	0.9	21	UG/L
	ST106-GW-10618-19012010	WATER	N	Di-n-octylphthalate	21 U	1.2	21	UG/L
	ST106-GW-10618-19012010	WATER	N	Fluoranthene	21 U	2.9	21	UG/L
	ST106-GW-10618-19012010	WATER	N	Fluorene	10.5 U	3	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Hexachlorocyclopentadiene	10.5 U	0.86	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Hexachloroethane	10.5 U	2.7	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.5 U	1.7	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Naphthalene	56.5	2.9	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Nitrobenzene	21 U	1	21	UG/L
	ST106-GW-10618-19012010	WATER	N	n-Nitrosodi-n-propylamine	21 U	3.2	21	UG/L
	ST106-GW-10618-19012010	WATER	N	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Pentachlorophenol	63.2 U	1.5	63.2	UG/L
	ST106-GW-10618-19012010	WATER	N	Phenanthrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Phenol	10.5 UJ	1.8	10.5	UG/L
	ST106-GW-10618-19012010	WATER	N	Pyrene	10.5 U	1.3	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10619-15102009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.2	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	2,4,5-Trichlorophenol	20.4 U	3.5	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	2,4,6-Trichlorophenol	20.4 U	3.7	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	2,4-Dichlorophenol	10.2 U	3.2	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	2,4-Dinitrophenol	61.2 U	5.7	61.2	UG/L
	ST106-GW-10619-15102009	WATER	N	2,4-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	2,6-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	2-Nitroaniline	51 U	3.1	51	UG/L
	ST106-GW-10619-15102009	WATER	N	2-Nitrophenol	20.4 U	3.5	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	3,3'-Dichlorobenzidine	20.4 U	2.8	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	3-Nitroaniline	51 U	2.8	51	UG/L
	ST106-GW-10619-15102009	WATER	N	4,6-Dinitro-2-methylphenol	61.2 U	3.4	61.2	UG/L
	ST106-GW-10619-15102009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	4-Chloro-3-methylphenol	20.4 U	2.8	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	4-Chloroaniline	20.4 U	3.1	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10619-15102009	WATER	N	4-Methylphenol	20.4 U	6.2	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	4-Nitroaniline	10.2 U	2.8	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	4-Nitrophenol	51 UJ	3	51	UG/L
	ST106-GW-10619-15102009	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzidine	153 R	20.4	153	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzoic acid	61.2 U	14.3	61.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Butyl benzylphthalate	20.4 U	3.1	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Di-n-butylphthalate	20.4 U	3	20.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10619-15102009	WATER	N	Di-n-octylphthalate	20.4 U	2.8	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	Fluoranthene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Nitrobenzene	20.4 U	2.8	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	n-Nitrosodi-n-propylamine	20.4 U	3.1	20.4	UG/L
	ST106-GW-10619-15102009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Pentachlorophenol	61.2 U	2.6	61.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Pyrene	10.2 U	3	10.2	UG/L
	ST106-GW-10619-18012010	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	2,4,6-Trichlorophenol	20.6 U	0.86	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10619-18012010	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-10619-18012010	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-10619-18012010	WATER	N	2-Nitrophenol	20.6 U	0.79	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-10619-18012010	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	0.7	61.8	UG/L
	ST106-GW-10619-18012010	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	4-Nitroaniline	10.3 U	1.3	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	4-Nitrophenol	51.5 UJ	1	51.5	UG/L
	ST106-GW-10619-18012010	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Benzidine	155 U	20.6	155	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10619-18012010	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Benzoic acid	61.8 UJ	14.4	61.8	UG/L
	ST106-GW-10619-18012010	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Dibenzo (a,h) anthracene	10.3 U	1.2	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Di-n-butylphthalate	20.6 U	0.89	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	Di-n-octylphthalate	20.6 U	1.1	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Hexachlorocyclopentadiene	10.3 U	0.84	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10619-18012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	1.6	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Nitrobenzene	20.6 U	1	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-10619-18012010	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Pentachlorophenol	61.8 U	1.4	61.8	UG/L
	ST106-GW-10619-18012010	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Pyrene	10.3 U	1.2	10.3	UG/L
	ST106-GW-10620-16102009	WATER	N	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	1,2-Diphenylhydrazine	10.5 U	3.3	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	2,4,5-Trichlorophenol	21 U	3.6	21	UG/L
	ST106-GW-10620-16102009	WATER	N	2,4,6-Trichlorophenol	21 U	3.8	21	UG/L
	ST106-GW-10620-16102009	WATER	N	2,4-Dichlorophenol	10.5 U	3.3	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	2,4-Dinitrophenol	63.2 U	5.9	63.2	UG/L
	ST106-GW-10620-16102009	WATER	N	2,4-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10620-16102009	WATER	N	2,6-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10620-16102009	WATER	N	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	2-Methylnaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	2-Methylphenol	10.5 U	2.7	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10620-16102009	WATER	N	2-Nitroaniline	52.6 U	3.2	52.6	UG/L
	ST106-GW-10620-16102009	WATER	N	2-Nitrophenol	21 U	3.6	21	UG/L
	ST106-GW-10620-16102009	WATER	N	3,3'-Dichlorobenzidine	21 U	2.8	21	UG/L
	ST106-GW-10620-16102009	WATER	N	3-Nitroaniline	52.6 U	2.9	52.6	UG/L
	ST106-GW-10620-16102009	WATER	N	4,6-Dinitro-2-methylphenol	63.2 U	3.5	63.2	UG/L
	ST106-GW-10620-16102009	WATER	N	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	4-Chloro-3-methylphenol	21 U	2.8	21	UG/L
	ST106-GW-10620-16102009	WATER	N	4-Chloroaniline	21 U	3.2	21	UG/L
	ST106-GW-10620-16102009	WATER	N	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	4-Methylphenol	21 U	6.4	21	UG/L
	ST106-GW-10620-16102009	WATER	N	4-Nitroaniline	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	4-Nitrophenol	52.6 UJ	3	52.6	UG/L
	ST106-GW-10620-16102009	WATER	N	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Acenaphthylene	10.5 U	3.2	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Anthracene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzidine	158 R	21	158	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzoic acid	63.2 R	14.7	63.2	UG/L
	ST106-GW-10620-16102009	WATER	N	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10620-16102009	WATER	N	Bis (2-chloroethyl) ether	10.5 U	3.2	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.5 U	4.6	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Butyl benzylphthalate	21 U	3.2	21	UG/L
	ST106-GW-10620-16102009	WATER	N	Chrysene	10.5 U	3	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Dibenzo (a,h) anthracene	10.5 U	2.8	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Dibenzofuran	10.5 U	2.8	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Diethyl phthalate	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Dimethyl phthalate	10.5 U	3.2	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Di-n-butylphthalate	21 U	3	21	UG/L
	ST106-GW-10620-16102009	WATER	N	Di-n-octylphthalate	21 U	2.9	21	UG/L
	ST106-GW-10620-16102009	WATER	N	Fluoranthene	21 U	2.9	21	UG/L
	ST106-GW-10620-16102009	WATER	N	Fluorene	10.5 U	3	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Hexachlorocyclopentadiene	10.5 U	2.3	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Hexachloroethane	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Naphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Nitrobenzene	21 U	2.9	21	UG/L
	ST106-GW-10620-16102009	WATER	N	n-Nitrosodi-n-propylamine	21 U	3.2	21	UG/L
	ST106-GW-10620-16102009	WATER	N	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Pentachlorophenol	63.2 U	2.7	63.2	UG/L
	ST106-GW-10620-16102009	WATER	N	Phenanthrene	10.5 U	2.9	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10620-16102009	WATER	N	Phenol	10.5 UJ	1.8	10.5	UG/L
	ST106-GW-10620-16102009	WATER	N	Pyrene	10.5 U	3	10.5	UG/L
	ST106-GW-10620-19012010	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	2,4,6-Trichlorophenol	20.6 U	0.86	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-10620-19012010	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-10620-19012010	WATER	N	2-Nitrophenol	20.6 U	0.79	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-10620-19012010	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	0.7	61.8	UG/L
	ST106-GW-10620-19012010	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10620-19012010	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	4-Nitroaniline	10.3 U	1.3	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	4-Nitrophenol	51.5 UJ	1	51.5	UG/L
	ST106-GW-10620-19012010	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzoic acid	61.8 UJ	14.4	61.8	UG/L
	ST106-GW-10620-19012010	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Dibenzo (a,h) anthracene	10.3 U	1.2	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10620-19012010	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Di-n-butylphthalate	20.6 U	0.89	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	Di-n-octylphthalate	20.6 U	1.1	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Hexachlorocyclopentadiene	10.3 U	0.84	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	1.6	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Nitrobenzene	20.6 U	1	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-10620-19012010	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Pentachlorophenol	61.8 U	1.4	61.8	UG/L
	ST106-GW-10620-19012010	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Pyrene	10.3 U	1.2	10.3	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	1,2-Diphenylhydrazine	10.5 U	3.3	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	2,4,5-Trichlorophenol	21 U	3.6	21	UG/L
	ST106-GW-10621-14102009	WATER	N	2,4,6-Trichlorophenol	21 U	3.8	21	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10621-14102009	WATER	N	2,4-Dichlorophenol	10.5 U	3.3	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	2,4-Dinitrophenol	63.2 U	5.9	63.2	UG/L
	ST106-GW-10621-14102009	WATER	N	2,4-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10621-14102009	WATER	N	2,6-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-10621-14102009	WATER	N	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	2-Methylnaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	2-Methylphenol	10.5 U	2.7	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	2-Nitroaniline	52.6 U	3.2	52.6	UG/L
	ST106-GW-10621-14102009	WATER	N	2-Nitrophenol	21 U	3.6	21	UG/L
	ST106-GW-10621-14102009	WATER	N	3,3'-Dichlorobenzidine	21 U	2.8	21	UG/L
	ST106-GW-10621-14102009	WATER	N	3-Nitroaniline	52.6 U	2.9	52.6	UG/L
	ST106-GW-10621-14102009	WATER	N	4,6-Dinitro-2-methylphenol	63.2 U	3.5	63.2	UG/L
	ST106-GW-10621-14102009	WATER	N	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	4-Chloro-3-methylphenol	21 U	2.8	21	UG/L
	ST106-GW-10621-14102009	WATER	N	4-Chloroaniline	21 U	3.2	21	UG/L
	ST106-GW-10621-14102009	WATER	N	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	4-Methylphenol	21 U	6.4	21	UG/L
	ST106-GW-10621-14102009	WATER	N	4-Nitroaniline	10.5 U	2.9	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	4-Nitrophenol	52.6 UJ	3	52.6	UG/L
	ST106-GW-10621-14102009	WATER	N	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Acenaphthylene	10.5 U	3.2	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10621-14102009	WATER	N	Anthracene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzidine	158 R	21	158	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzoic acid	63.2 U	14.7	63.2	UG/L
	ST106-GW-10621-14102009	WATER	N	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Bis (2-chloroethyl) ether	10.5 U	3.2	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.5 U	4.6	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Butyl benzylphthalate	21 U	3.2	21	UG/L
	ST106-GW-10621-14102009	WATER	N	Chrysene	10.5 U	3	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Dibenzo (a,h) anthracene	10.5 U	2.8	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Dibenzofuran	10.5 U	2.8	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Diethyl phthalate	10.5 U	2.9	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Dimethyl phthalate	10.5 U	3.2	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Di-n-butylphthalate	21 U	3	21	UG/L
	ST106-GW-10621-14102009	WATER	N	Di-n-octylphthalate	21 U	2.9	21	UG/L
	ST106-GW-10621-14102009	WATER	N	Fluoranthene	21 U	2.9	21	UG/L
	ST106-GW-10621-14102009	WATER	N	Fluorene	10.5 U	3	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10621-14102009	WATER	N	Hexachlorocyclopentadiene	10.5 U	2.3	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Hexachloroethane	10.5 U	2.7	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.5 U	2.7	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Naphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Nitrobenzene	21 U	2.9	21	UG/L
	ST106-GW-10621-14102009	WATER	N	n-Nitrosodi-n-propylamine	21 U	3.2	21	UG/L
	ST106-GW-10621-14102009	WATER	N	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Pentachlorophenol	63.2 U	2.7	63.2	UG/L
	ST106-GW-10621-14102009	WATER	N	Phenanthrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Phenol	10.5 UJ	1.8	10.5	UG/L
	ST106-GW-10621-14102009	WATER	N	Pyrene	10.5 U	3	10.5	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2-Dichlorobenzene	9.4 U	2.4	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	1,2-Diphenylhydrazine	9.4 U	2.9	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	1,3-Dinitrobenzene	9.4 U	2.4	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	2,4,5-Trichlorophenol	18.9 U	3.2	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	2,4,6-Trichlorophenol	18.9 U	0.79	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	2,4-Dichlorophenol	9.4 U	2.9	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	2,4-Dimethylphenol	9.4 U	2.2	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	2,4-Dinitrophenol	56.6 U	5.3	56.6	UG/L
	ST106-GW-10621-20012010	WATER	N	2,4-Dinitrotoluene	18.9 U	2.6	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	2,6-Dinitrotoluene	18.9 U	2.6	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	2-Chloronaphthalene	9.4 U	2.6	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	2-Chlorophenol	9.4 U	2.7	9.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10621-20012010	WATER	N	2-Methylnaphthalene	9.4 U	2.6	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	2-Methylphenol	9.4 U	2.4	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	2-Nitroaniline	47.2 U	2.8	47.2	UG/L
	ST106-GW-10621-20012010	WATER	N	2-Nitrophenol	18.9 U	0.73	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	3,3'-Dichlorobenzidine	18.9 U	2.5	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	3-Nitroaniline	47.2 U	2.6	47.2	UG/L
	ST106-GW-10621-20012010	WATER	N	4,6-Dinitro-2-methylphenol	56.6 U	0.64	56.6	UG/L
	ST106-GW-10621-20012010	WATER	N	4-Bromophenyl phenyl ether	9.4 U	2.2	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	4-Chloro-3-methylphenol	18.9 U	2.5	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	4-Chloroaniline	18.9 U	2.8	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	4-Chlorophenyl phenyl ether	9.4 U	2.4	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	4-Methylphenol	18.9 U	5.7	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	4-Nitroaniline	9.4 U	1.2	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	4-Nitrophenol	47.2 UJ	0.94	47.2	UG/L
	ST106-GW-10621-20012010	WATER	N	Acenaphthene	9.4 U	2.6	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Acenaphthylene	9.4 U	2.8	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Anthracene	9.4 U	2.6	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzidine	142 U	18.9	142	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzo (a) pyrene	9.4 U	2.6	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzo (b) fluoranthene	9.4 U	2.4	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzo (g,h,i) perylene	9.4 U	2.4	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzo(a)anthracene	9.4 U	2.4	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzo(k)fluoranthene	9.4 U	2.7	9.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10621-20012010	WATER	N	Benzoic acid	56.6 U	13.2	56.6	UG/L
	ST106-GW-10621-20012010	WATER	N	Bis (2-chloroethoxy) methane	9.4 U	3.3	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Bis (2-chloroethyl) ether	9.4 U	2.8	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Bis (2-ethylhexyl) phthalate	9.4 U	4.2	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Butyl benzylphthalate	18.9 U	2.8	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	Chrysene	9.4 U	2.7	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Dibenzo (a,h) anthracene	9.4 U	1.1	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Dibenzofuran	9.4 U	2.5	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Diethyl phthalate	9.4 U	2.6	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Dimethyl phthalate	9.4 U	2.8	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Di-n-butylphthalate	18.9 U	0.81	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	Di-n-octylphthalate	18.9 U	1	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	Fluoranthene	18.9 U	2.6	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	Fluorene	9.4 U	2.7	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Hexachlorobenzene	9.4 U	0.39	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Hexachlorobutadiene	9.4 U	2.4	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Hexachlorocyclopentadiene	9.4 U	0.77	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Hexachloroethane	9.4 U	2.4	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Indeno(1,2,3-cd)pyrene	9.4 U	1.5	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Naphthalene	9.4 U	2.6	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Nitrobenzene	18.9 U	0.94	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	n-Nitrosodi-n-propylamine	18.9 U	2.8	18.9	UG/L
	ST106-GW-10621-20012010	WATER	N	n-Nitrosodiphenylamine	9.4 U	3.2	9.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10621-20012010	WATER	N	Pentachlorophenol	56.6 U	1.3	56.6	UG/L
	ST106-GW-10621-20012010	WATER	N	Phenanthrene	9.4 U	2.6	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Phenol	9.4 UJ	1.6	9.4	UG/L
	ST106-GW-10621-20012010	WATER	N	Pyrene	9.4 U	1.1	9.4	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.2	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	2,4,5-Trichlorophenol	20.4 U	3.5	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	2,4,6-Trichlorophenol	20.4 U	0.86	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	2,4-Dichlorophenol	10.2 U	3.2	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	2,4-Dinitrophenol	61.2 U	5.7	61.2	UG/L
	ST106-GW-1062-12012010	WATER	N	2,4-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	2,6-Dinitrotoluene	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	2-Nitroaniline	51 U	3.1	51	UG/L
	ST106-GW-1062-12012010	WATER	N	2-Nitrophenol	20.4 U	0.78	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	3,3'-Dichlorobenzidine	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	3-Nitroaniline	51 U	2.8	51	UG/L
	ST106-GW-1062-12012010	WATER	N	4,6-Dinitro-2-methylphenol	61.2 U	0.69	61.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1062-12012010	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	4-Chloro-3-methylphenol	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	4-Chloroaniline	20.4 U	3.1	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	4-Methylphenol	20.4 U	6.2	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	4-Nitroaniline	10.2 U	1.3	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	4-Nitrophenol	51 UJ	1	51	UG/L
	ST106-GW-1062-12012010	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzidine	153 U	20.4	153	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzoic acid	62.5 UJ	14.6	62.5	UG/L
	ST106-GW-1062-12012010	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Butyl benzylphthalate	20.4 U	3.1	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Dibenzo (a,h) anthracene	10.2 U	1.2	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1062-12012010	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Di-n-butylphthalate	20.4 U	0.88	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	Di-n-octylphthalate	20.4 U	1.1	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	Fluoranthene	20.4 U	2.8	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Hexachlorocyclopentadiene	10.2 U	0.84	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	1.6	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Nitrobenzene	20.4 U	1	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	n-Nitrosodi-n-propylamine	20.4 U	3.1	20.4	UG/L
	ST106-GW-1062-12012010	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Pentachlorophenol	61.2 U	1.4	61.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Pyrene	10.2 U	1.2	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.1	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.5	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1062-12102009	WATER	N	2,4,5-Trichlorophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	2,4,6-Trichlorophenol	20.3 U	3.6	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	2,4-Dichlorophenol	10.2 U	3.1	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	2,4-Dinitrophenol	60.9 U	5.7	60.9	UG/L
	ST106-GW-1062-12102009	WATER	N	2,4-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	2,6-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	2-Chlorophenol	10.2 U	2.9	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	2-Nitroaniline	50.8 U	3	50.8	UG/L
	ST106-GW-1062-12102009	WATER	N	2-Nitrophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	3,3'-Dichlorobenzidine	20.3 U	2.7	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	3-Nitroaniline	50.8 U	2.8	50.8	UG/L
	ST106-GW-1062-12102009	WATER	N	4,6-Dinitro-2-methylphenol	60.9 U	3.4	60.9	UG/L
	ST106-GW-1062-12102009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	4-Chloro-3-methylphenol	20.3 U	2.7	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	4-Chloroaniline	20.3 U	3	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.5	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	4-Methylphenol	20.3 U	6.2	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	4-Nitroaniline	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	4-Nitrophenol	50.8 U	2.9	50.8	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1062-12102009	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Acenaphthylene	10.2 U	3	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzidine	152 R	20.3	152	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzo(k)fluoranthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzoic acid	60.9 U	14.2	60.9	UG/L
	ST106-GW-1062-12102009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Butyl benzylphthalate	20.3 U	3	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	Chrysene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Dibenzofuran	10.2 U	2.7	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Dimethyl phthalate	10.2 U	3	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Di-n-butylphthalate	20.3 U	2.9	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	Di-n-octylphthalate	20.3 U	2.8	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	Fluoranthene	20.3 U	2.8	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	Fluorene	10.2 U	2.9	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1062-12102009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Hexachlorobutadiene	10.2 U	2.5	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Nitrobenzene	20.3 U	2.8	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	n-Nitrosodi-n-propylamine	20.3 U	3	20.3	UG/L
	ST106-GW-1062-12102009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.4	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Pentachlorophenol	60.9 U	2.6	60.9	UG/L
	ST106-GW-1062-12102009	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-1062-12102009	WATER	N	Pyrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.1	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.5	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	2,4,5-Trichlorophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	2,4,6-Trichlorophenol	20.3 U	3.6	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	2,4-Dichlorophenol	10.2 U	3.1	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	2,4-Dinitrophenol	60.9 U	5.7	60.9	UG/L
	ST106-GW-10622-13102009	WATER	N	2,4-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	2,6-Dinitrotoluene	20.3 U	2.8	20.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10622-13102009	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	2-Chlorophenol	10.2 U	2.9	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	2-Nitroaniline	50.8 U	3	50.8	UG/L
	ST106-GW-10622-13102009	WATER	N	2-Nitrophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	3,3'-Dichlorobenzidine	20.3 U	2.7	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	3-Nitroaniline	50.8 U	2.8	50.8	UG/L
	ST106-GW-10622-13102009	WATER	N	4,6-Dinitro-2-methylphenol	60.9 U	3.4	60.9	UG/L
	ST106-GW-10622-13102009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	4-Chloro-3-methylphenol	20.3 U	2.7	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	4-Chloroaniline	20.3 U	3	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.5	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	4-Methylphenol	20.3 U	6.2	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	4-Nitroaniline	10.2 U	2.8	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	4-Nitrophenol	50.8 U	2.9	50.8	UG/L
	ST106-GW-10622-13102009	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Acenaphthylene	10.2 U	3	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzidine	152 R	20.3	152	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10622-13102009	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzo(k)fluoranthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzoic acid	60.9 U	14.2	60.9	UG/L
	ST106-GW-10622-13102009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Butyl benzylphthalate	20.3 U	3	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	Chrysene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Dibenzofuran	10.2 U	2.7	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Dimethyl phthalate	10.2 U	3	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Di-n-butylphthalate	20.3 U	2.9	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	Di-n-octylphthalate	20.3 U	2.8	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	Fluoranthene	20.3 U	2.8	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	Fluorene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Hexachlorobutadiene	10.2 U	2.5	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Nitrobenzene	20.3 U	2.8	20.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10622-13102009	WATER	N	n-Nitrosodi-n-propylamine	20.3 U	3	20.3	UG/L
	ST106-GW-10622-13102009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.4	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Pentachlorophenol	60.9 U	2.6	60.9	UG/L
	ST106-GW-10622-13102009	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Pyrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10622-20012010	WATER	N	1,2-Dichlorobenzene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	1,2-Diphenylhydrazine	10.6 U	3.3	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	1,3-Dinitrobenzene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	2,4,5-Trichlorophenol	21.2 U	3.6	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	2,4,6-Trichlorophenol	21.2 U	0.89	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	2,4-Dichlorophenol	10.6 U	3.3	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	2,4-Dimethylphenol	10.6 U	2.4	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	2,4-Dinitrophenol	63.5 U	5.9	63.5	UG/L
	ST106-GW-10622-20012010	WATER	N	2,4-Dinitrotoluene	21.2 U	3	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	2,6-Dinitrotoluene	21.2 U	3	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	2-Chloronaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	2-Chlorophenol	10.6 U	3.1	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	2-Methylnaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	2-Methylphenol	10.6 U	2.8	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	2-Nitroaniline	52.9 U	3.2	52.9	UG/L
	ST106-GW-10622-20012010	WATER	N	2-Nitrophenol	21.2 U	0.81	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	3,3'-Dichlorobenzidine	21.2 U	2.8	21.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10622-20012010	WATER	N	3-Nitroaniline	52.9 U	3	52.9	UG/L
	ST106-GW-10622-20012010	WATER	N	4,6-Dinitro-2-methylphenol	63.5 U	0.72	63.5	UG/L
	ST106-GW-10622-20012010	WATER	N	4-Bromophenyl phenyl ether	10.6 U	2.4	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	4-Chloro-3-methylphenol	21.2 U	2.8	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	4-Chloroaniline	21.2 U	3.2	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	4-Chlorophenyl phenyl ether	10.6 U	2.6	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	4-Methylphenol	21.2 U	6.4	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	4-Nitroaniline	10.6 U	1.4	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	4-Nitrophenol	52.9 UJ	1	52.9	UG/L
	ST106-GW-10622-20012010	WATER	N	Acenaphthene	10.6 U	3	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Acenaphthylene	10.6 U	3.2	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Anthracene	10.6 U	3	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzidine	159 U	21.2	159	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzo (a) pyrene	10.6 U	3	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzo (b) fluoranthene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzo (g,h,i) perylene	10.6 UJ	2.8	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzo(a)anthracene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzo(k)fluoranthene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzoic acid	63.5 U	14.8	63.5	UG/L
	ST106-GW-10622-20012010	WATER	N	Bis (2-chloroethoxy) methane	10.6 U	3.7	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Bis (2-chloroethyl) ether	10.6 U	3.2	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.6 U	4.6	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Butyl benzylphthalate	21.2 U	3.2	21.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10622-20012010	WATER	N	Chrysene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Dibenzo (a,h) anthracene	10.6 U	1.3	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Dibenzofuran	10.6 U	2.8	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Diethyl phthalate	10.6 U	3	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Dimethyl phthalate	10.6 U	3.2	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Di-n-butylphthalate	21.2 U	0.91	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	Di-n-octylphthalate	21.2 U	1.2	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	Fluoranthene	21.2 U	3	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	Fluorene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Hexachlorobenzene	10.6 U	0.43	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Hexachlorobutadiene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Hexachlorocyclopentadiene	10.6 U	0.87	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Hexachloroethane	10.6 U	2.8	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.6 U	1.7	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Naphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Nitrobenzene	21.2 U	1	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	n-Nitrosodi-n-propylamine	21.2 U	3.2	21.2	UG/L
	ST106-GW-10622-20012010	WATER	N	n-Nitrosodiphenylamine	10.6 U	3.6	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Pentachlorophenol	63.5 U	1.5	63.5	UG/L
	ST106-GW-10622-20012010	WATER	N	Phenanthrene	10.6 U	3	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Phenol	10.6 UJ	1.8	10.6	UG/L
	ST106-GW-10622-20012010	WATER	N	Pyrene	10.6 U	1.3	10.6	UG/L
	ST106-GW-10623-13102009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10623-13102009	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.1	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.5	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	2,4,5-Trichlorophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	2,4,6-Trichlorophenol	20.3 U	3.6	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	2,4-Dichlorophenol	10.2 U	3.1	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	2,4-Dinitrophenol	60.9 U	5.7	60.9	UG/L
	ST106-GW-10623-13102009	WATER	N	2,4-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	2,6-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	2-Chlorophenol	10.2 U	2.9	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	2-Nitroaniline	50.8 U	3	50.8	UG/L
	ST106-GW-10623-13102009	WATER	N	2-Nitrophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	3,3'-Dichlorobenzidine	20.3 U	2.7	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	3-Nitroaniline	50.8 U	2.8	50.8	UG/L
	ST106-GW-10623-13102009	WATER	N	4,6-Dinitro-2-methylphenol	60.9 U	3.4	60.9	UG/L
	ST106-GW-10623-13102009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	4-Chloro-3-methylphenol	20.3 U	2.7	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	4-Chloroaniline	20.3 U	3	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.5	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	4-Methylphenol	20.3 U	6.2	20.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10623-13102009	WATER	N	4-Nitroaniline	10.2 U	2.8	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	4-Nitrophenol	50.8 U	2.9	50.8	UG/L
	ST106-GW-10623-13102009	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Acenaphthylene	10.2 U	3	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzidine	152 R	20.3	152	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzo(k)fluoranthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzoic acid	60.9 U	14.2	60.9	UG/L
	ST106-GW-10623-13102009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Bis (2-ethylhexyl) phthalate	10 J	4.5	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Butyl benzylphthalate	20.3 U	3	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	Chrysene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Dibenzofuran	10.2 U	2.7	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Dimethyl phthalate	10.2 U	3	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Di-n-butylphthalate	20.3 U	2.9	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	Di-n-octylphthalate	20.3 U	2.8	20.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10623-13102009	WATER	N	Fluoranthene	20.3 U	2.8	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	Fluorene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Hexachlorobutadiene	10.2 U	2.5	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.6	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Nitrobenzene	20.3 U	2.8	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	n-Nitrosodi-n-propylamine	20.3 U	3	20.3	UG/L
	ST106-GW-10623-13102009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.4	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Pentachlorophenol	60.9 U	2.6	60.9	UG/L
	ST106-GW-10623-13102009	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Pyrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-10623-21012010	WATER	N	1,2-Dichlorobenzene	10.4 U	2.7	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	1,2-Diphenylhydrazine	10.4 U	3.2	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	1,3-Dinitrobenzene	10.4 U	2.6	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	2,4,5-Trichlorophenol	20.8 U	3.5	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	2,4,6-Trichlorophenol	20.8 U	0.88	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	2,4-Dichlorophenol	10.4 U	3.2	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	2,4-Dimethylphenol	10.4 U	2.4	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	2,4-Dinitrophenol	62.5 U	5.8	62.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10623-21012010	WATER	N	2,4-Dinitrotoluene	20.8 U	2.9	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	2,6-Dinitrotoluene	20.8 U	2.9	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	2-Chloronaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	2-Chlorophenol	10.4 U	3	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	2-Methylnaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	2-Methylphenol	10.4 U	2.7	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	2-Nitroaniline	52.1 U	3.1	52.1	UG/L
	ST106-GW-10623-21012010	WATER	N	2-Nitrophenol	20.8 U	0.8	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	3,3'-Dichlorobenzidine	20.8 U	2.8	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	3-Nitroaniline	52.1 U	2.9	52.1	UG/L
	ST106-GW-10623-21012010	WATER	N	4,6-Dinitro-2-methylphenol	62.5 U	0.71	62.5	UG/L
	ST106-GW-10623-21012010	WATER	N	4-Bromophenyl phenyl ether	10.4 U	2.4	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	4-Chloro-3-methylphenol	20.8 U	2.8	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	4-Chloroaniline	20.8 U	3.1	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	4-Chlorophenyl phenyl ether	10.4 U	2.6	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	4-Methylphenol	20.8 U	6.4	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	4-Nitroaniline	10.4 U	1.4	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	4-Nitrophenol	52.1 UJ	1	52.1	UG/L
	ST106-GW-10623-21012010	WATER	N	Acenaphthene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Acenaphthylene	10.4 U	3.1	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Anthracene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Benzidine	156 U	20.8	156	UG/L
	ST106-GW-10623-21012010	WATER	N	Benzo (a) pyrene	10.4 U	2.9	10.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10623-21012010	WATER	N	Benzo (b) fluoranthene	10.4 U	2.7	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Benzo (g,h,i) perylene	10.4 U	2.7	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Benzo(a)anthracene	10.4 U	2.7	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Benzo(k)fluoranthene	10.4 U	3	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Benzoic acid	62.5 R	14.6	62.5	UG/L
	ST106-GW-10623-21012010	WATER	N	Bis (2-chloroethoxy) methane	10.4 U	3.6	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Bis (2-chloroethyl) ether	10.4 U	3.1	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.4 U	4.6	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Butyl benzylphthalate	20.8 U	3.1	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	Chrysene	10.4 U	3	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Dibenzo (a,h) anthracene	10.4 U	1.2	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Dibenzofuran	10.4 U	2.8	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Diethyl phthalate	10.4 U	2.9	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Dimethyl phthalate	10.4 U	3.1	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Di-n-butylphthalate	20.8 U	0.9	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	Di-n-octylphthalate	20.8 U	1.1	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	Fluoranthene	20.8 U	2.9	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	Fluorene	10.4 U	3	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Hexachlorobenzene	10.4 U	0.43	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Hexachlorobutadiene	10.4 U	2.6	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Hexachlorocyclopentadiene	10.4 U	0.85	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Hexachloroethane	10.4 U	2.7	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.4 U	1.7	10.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10623-21012010	WATER	N	Naphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Nitrobenzene	20.8 U	1	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	n-Nitrosodi-n-propylamine	20.8 U	3.1	20.8	UG/L
	ST106-GW-10623-21012010	WATER	N	n-Nitrosodiphenylamine	10.4 U	3.5	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Pentachlorophenol	62.5 U	1.4	62.5	UG/L
	ST106-GW-10623-21012010	WATER	N	Phenanthrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Phenol	10.4 UJ	1.8	10.4	UG/L
	ST106-GW-10623-21012010	WATER	N	Pyrene	10.4 U	1.2	10.4	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	2,4,6-Trichlorophenol	20.6 U	3.7	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-10624-19102009	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10624-19102009	WATER	N	2-Nitrophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-10624-19102009	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	3.4	61.8	UG/L
	ST106-GW-10624-19102009	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	4-Nitroaniline	10.3 U	2.9	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	4-Nitrophenol	51.5 UJ	3	51.5	UG/L
	ST106-GW-10624-19102009	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzidine	155 R	20.6	155	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzoic acid	61.8 U	14.4	61.8	UG/L
	ST106-GW-10624-19102009	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10624-19102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Dibenzo (a,h) anthracene	10.3 U	2.8	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Di-n-butylphthalate	20.6 U	3	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	Di-n-octylphthalate	20.6 U	2.9	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Hexachlorocyclopentadiene	10.3 U	2.3	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Nitrobenzene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-10624-19102009	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Pentachlorophenol	61.8 U	2.7	61.8	UG/L
	ST106-GW-10624-19102009	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10624-19102009	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10624-19102009	WATER	N	Pyrene	10.3 U	3	10.3	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2-Dichlorobenzene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	1,2-Diphenylhydrazine	10.6 U	3.3	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	1,3-Dinitrobenzene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	2,4,5-Trichlorophenol	21.3 U	3.6	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	2,4,6-Trichlorophenol	21.3 U	0.89	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	2,4-Dichlorophenol	10.6 U	3.3	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	2,4-Dimethylphenol	10.6 U	2.4	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	2,4-Dinitrophenol	63.8 U	6	63.8	UG/L
	ST106-GW-10624-22012010	WATER	N	2,4-Dinitrotoluene	21.3 U	3	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	2,6-Dinitrotoluene	21.3 U	3	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	2-Chloronaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	2-Chlorophenol	10.6 U	3.1	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	2-Methylnaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	2-Methylphenol	10.6 U	2.8	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	2-Nitroaniline	53.2 U	3.2	53.2	UG/L
	ST106-GW-10624-22012010	WATER	N	2-Nitrophenol	21.3 U	0.82	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	3,3'-Dichlorobenzidine	21.3 U	2.9	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	3-Nitroaniline	53.2 U	3	53.2	UG/L
	ST106-GW-10624-22012010	WATER	N	4,6-Dinitro-2-methylphenol	63.8 U	0.72	63.8	UG/L
	ST106-GW-10624-22012010	WATER	N	4-Bromophenyl phenyl ether	10.6 U	2.4	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	4-Chloro-3-methylphenol	21.3 U	2.9	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	4-Chloroaniline	21.3 U	3.2	21.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10624-22012010	WATER	N	4-Chlorophenyl phenyl ether	10.6 U	2.6	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	4-Methylphenol	21.3 U	6.5	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	4-Nitroaniline	10.6 U	1.4	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	4-Nitrophenol	53.2 UJ	1.1	53.2	UG/L
	ST106-GW-10624-22012010	WATER	N	Acenaphthene	10.6 U	3	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Acenaphthylene	10.6 U	3.2	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Anthracene	10.6 U	3	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzidine	160 U	21.3	160	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzo (a) pyrene	10.6 U	3	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzo (b) fluoranthene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzo (g,h,i) perylene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzo(a)anthracene	10.6 U	2.8	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzo(k)fluoranthene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzoic acid	63.8 UJ	14.9	63.8	UG/L
	ST106-GW-10624-22012010	WATER	N	Bis (2-chloroethoxy) methane	10.6 U	3.7	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Bis (2-chloroethyl) ether	10.6 U	3.2	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.6 U	4.7	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Butyl benzylphthalate	21.3 U	3.2	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	Chrysene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Dibenzo (a,h) anthracene	10.6 U	1.3	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Dibenzofuran	10.6 U	2.9	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Diethyl phthalate	10.6 U	3	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Dimethyl phthalate	10.6 U	3.2	10.6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10624-22012010	WATER	N	Di-n-butylphthalate	21.3 U	0.91	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	Di-n-octylphthalate	21.3 U	1.2	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	Fluoranthene	21.3 U	3	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	Fluorene	10.6 U	3.1	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Hexachlorobenzene	10.6 U	0.44	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Hexachlorobutadiene	10.6 U	2.6	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Hexachlorocyclopentadiene	10.6 U	0.87	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Hexachloroethane	10.6 U	2.8	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.6 U	1.7	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Naphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Nitrobenzene	21.3 U	1.1	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	n-Nitrosodi-n-propylamine	21.3 U	3.2	21.3	UG/L
	ST106-GW-10624-22012010	WATER	N	n-Nitrosodiphenylamine	10.6 U	3.6	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Pentachlorophenol	63.8 U	1.5	63.8	UG/L
	ST106-GW-10624-22012010	WATER	N	Phenanthrene	10.6 U	3	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Phenol	10.6 UJ	1.8	10.6	UG/L
	ST106-GW-10624-22012010	WATER	N	Pyrene	10.6 U	1.3	10.6	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	2,4,6-Trichlorophenol	20.6 U	0.86	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10625-21012010	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-10625-21012010	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-10625-21012010	WATER	N	2-Nitrophenol	20.6 U	0.79	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-10625-21012010	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	0.7	61.8	UG/L
	ST106-GW-10625-21012010	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	4-Nitroaniline	10.3 U	1.3	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	4-Nitrophenol	51.5 UJ	1	51.5	UG/L
	ST106-GW-10625-21012010	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10625-21012010	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-10625-21012010	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Benzoic acid	61.8 UJ	14.4	61.8	UG/L
	ST106-GW-10625-21012010	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Dibenzo (a,h) anthracene	10.3 U	1.2	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Di-n-butylphthalate	20.6 U	0.89	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	Di-n-octylphthalate	20.6 U	1.1	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Hexachlorocyclopentadiene	10.3 U	0.84	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-10625-21012010	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	1.6	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Nitrobenzene	20.6 U	1	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-10625-21012010	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Pentachlorophenol	61.8 U	1.4	61.8	UG/L
	ST106-GW-10625-21012010	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-10625-21012010	WATER	N	Pyrene	10.3 U	1.2	10.3	UG/L
	ST106-GW-1063-13012010	WATER	N	1,2-Dichlorobenzene	10.4 U	2.7	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	1,2-Diphenylhydrazine	10.4 U	3.2	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	1,3-Dinitrobenzene	10.4 U	2.6	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	2,4,5-Trichlorophenol	20.7 U	3.5	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	2,4,6-Trichlorophenol	20.7 U	0.87	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	2,4-Dichlorophenol	10.4 U	3.2	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	2,4-Dimethylphenol	10.4 U	2.4	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	2,4-Dinitrophenol	62.2 U	5.8	62.2	UG/L
	ST106-GW-1063-13012010	WATER	N	2,4-Dinitrotoluene	20.7 U	2.9	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	2,6-Dinitrotoluene	20.7 U	2.9	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	2-Chloronaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	2-Chlorophenol	10.4 U	3	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	2-Methylnaphthalene	10.4 U	2.9	10.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1063-13012010	WATER	N	2-Methylphenol	10.4 U	2.7	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	2-Nitroaniline	51.8 U	3.1	51.8	UG/L
	ST106-GW-1063-13012010	WATER	N	2-Nitrophenol	20.7 U	0.8	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	3,3'-Dichlorobenzidine	20.7 U	2.8	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	3-Nitroaniline	51.8 U	2.9	51.8	UG/L
	ST106-GW-1063-13012010	WATER	N	4,6-Dinitro-2-methylphenol	62.2 U	0.7	62.2	UG/L
	ST106-GW-1063-13012010	WATER	N	4-Bromophenyl phenyl ether	10.4 U	2.4	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	4-Chloro-3-methylphenol	20.7 U	2.8	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	4-Chloroaniline	20.7 U	3.1	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	4-Chlorophenyl phenyl ether	10.4 U	2.6	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	4-Methylphenol	20.7 U	6.3	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	4-Nitroaniline	10.4 U	1.3	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	4-Nitrophenol	51.8 UJ	1	51.8	UG/L
	ST106-GW-1063-13012010	WATER	N	Acenaphthene	10.4 U	2.9	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Acenaphthylene	10.4 U	3.1	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Anthracene	10.4 U	2.9	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzidine	155 U	20.7	155	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzo (a) pyrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzo (b) fluoranthene	10.4 U	2.7	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzo (g,h,i) perylene	10.4 U	2.7	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzo(a)anthracene	10.4 U	2.7	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzo(k)fluoranthene	10.4 U	3	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzoic acid	60.9 UJ	14.2	60.9	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1063-13012010	WATER	N	Bis (2-chloroethoxy) methane	10.4 U	3.6	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Bis (2-chloroethyl) ether	10.4 U	3.1	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Bis (2-ethylhexyl) phthalate	15.2 J	4.6	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Butyl benzylphthalate	20.7 U	3.1	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	Chrysene	10.4 U	3	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Dibenzo (a,h) anthracene	10.4 U	1.2	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Dibenzofuran	10.4 U	2.8	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Diethyl phthalate	10.4 U	2.9	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Dimethyl phthalate	10.4 U	3.1	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Di-n-butylphthalate	20.7 U	0.89	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	Di-n-octylphthalate	20.7 U	1.1	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	Fluoranthene	20.7 U	2.9	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	Fluorene	10.4 U	3	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Hexachlorobenzene	10.4 U	0.42	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Hexachlorobutadiene	10.4 U	2.6	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Hexachlorocyclopentadiene	10.4 U	0.85	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Hexachloroethane	10.4 U	2.7	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.4 U	1.6	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Naphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Nitrobenzene	20.7 U	1	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	n-Nitrosodi-n-propylamine	20.7 U	3.1	20.7	UG/L
	ST106-GW-1063-13012010	WATER	N	n-Nitrosodiphenylamine	10.4 U	3.5	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Pentachlorophenol	62.2 U	1.4	62.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1063-13012010	WATER	N	Phenanthrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Phenol	10.4 UJ	1.8	10.4	UG/L
	ST106-GW-1063-13012010	WATER	N	Pyrene	10.4 U	1.2	10.4	UG/L
	ST106-GW-1063-19102009	WATER	N	1,2-Dichlorobenzene	9.5 U	2.5	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	1,2-Diphenylhydrazine	9.5 U	3	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	1,3-Dinitrobenzene	9.5 U	2.4	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	2,4,5-Trichlorophenol	19 U	3.2	19	UG/L
	ST106-GW-1063-19102009	WATER	N	2,4,6-Trichlorophenol	19 U	0.8	19	UG/L
	ST106-GW-1063-19102009	WATER	N	2,4-Dichlorophenol	9.5 U	3	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	2,4-Dimethylphenol	9.5 U	2.2	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	2,4-Dinitrophenol	57.1 U	5.3	57.1	UG/L
	ST106-GW-1063-19102009	WATER	N	2,4-Dinitrotoluene	19 U	2.7	19	UG/L
	ST106-GW-1063-19102009	WATER	N	2,6-Dinitrotoluene	19 U	2.7	19	UG/L
	ST106-GW-1063-19102009	WATER	N	2-Chloronaphthalene	9.5 U	2.7	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	2-Chlorophenol	9.5 U	2.8	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	2-Methylnaphthalene	9.5 U	2.7	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	2-Methylphenol	9.5 U	2.5	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	2-Nitroaniline	47.6 U	2.8	47.6	UG/L
	ST106-GW-1063-19102009	WATER	N	2-Nitrophenol	19 U	0.73	19	UG/L
	ST106-GW-1063-19102009	WATER	N	3,3'-Dichlorobenzidine	19 U	2.6	19	UG/L
	ST106-GW-1063-19102009	WATER	N	3-Nitroaniline	47.6 U	2.7	47.6	UG/L
	ST106-GW-1063-19102009	WATER	N	4,6-Dinitro-2-methylphenol	57.1 U	0.65	57.1	UG/L
	ST106-GW-1063-19102009	WATER	N	4-Bromophenyl phenyl ether	9.5 U	2.2	9.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1063-19102009	WATER	N	4-Chloro-3-methylphenol	19 U	2.6	19	UG/L
	ST106-GW-1063-19102009	WATER	N	4-Chloroaniline	19 U	2.8	19	UG/L
	ST106-GW-1063-19102009	WATER	N	4-Chlorophenyl phenyl ether	9.5 U	2.4	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	4-Methylphenol	19 U	5.8	19	UG/L
	ST106-GW-1063-19102009	WATER	N	4-Nitroaniline	9.5 U	1.2	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	4-Nitrophenol	47.6 UJ	0.95	47.6	UG/L
	ST106-GW-1063-19102009	WATER	N	Acenaphthene	9.5 U	2.7	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Acenaphthylene	9.5 U	2.8	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Anthracene	9.5 U	2.7	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzidine	143 R	19	143	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzo (a) pyrene	9.5 U	2.7	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzo (b) fluoranthene	9.5 U	2.5	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzo (g,h,i) perylene	9.5 U	2.5	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzo(a)anthracene	9.5 U	2.5	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzo(k)fluoranthene	9.5 U	2.8	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzoic acid	57.1 U	13.3	57.1	UG/L
	ST106-GW-1063-19102009	WATER	N	Bis (2-chloroethoxy) methane	9.5 U	3.3	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Bis (2-chloroethyl) ether	9.5 U	2.8	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Bis (2-ethylhexyl) phthalate	9.5 U	4.2	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Butyl benzylphthalate	19 U	2.8	19	UG/L
	ST106-GW-1063-19102009	WATER	N	Chrysene	9.5 U	2.8	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Dibenzo (a,h) anthracene	9.5 U	1.1	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Dibenzofuran	9.5 U	2.6	9.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1063-19102009	WATER	N	Diethyl phthalate	9.5 U	2.7	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Dimethyl phthalate	9.5 U	2.8	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Di-n-butylphthalate	19 U	0.82	19	UG/L
	ST106-GW-1063-19102009	WATER	N	Di-n-octylphthalate	19 U	1	19	UG/L
	ST106-GW-1063-19102009	WATER	N	Fluoranthene	19 U	2.7	19	UG/L
	ST106-GW-1063-19102009	WATER	N	Fluorene	9.5 U	2.8	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Hexachlorobenzene	9.5 U	0.39	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Hexachlorobutadiene	9.5 U	2.4	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Hexachlorocyclopentadiene	9.5 U	0.78	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Hexachloroethane	9.5 U	2.5	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Indeno(1,2,3-cd)pyrene	9.5 U	1.5	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Naphthalene	9.5 U	2.7	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Nitrobenzene	19 U	0.95	19	UG/L
	ST106-GW-1063-19102009	WATER	N	n-Nitrosodi-n-propylamine	19 U	2.8	19	UG/L
	ST106-GW-1063-19102009	WATER	N	n-Nitrosodiphenylamine	9.5 U	3.2	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Pentachlorophenol	57.1 U	1.3	57.1	UG/L
	ST106-GW-1063-19102009	WATER	N	Phenanthrene	9.5 U	2.7	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Phenol	9.5 UJ	1.6	9.5	UG/L
	ST106-GW-1063-19102009	WATER	N	Pyrene	9.5 U	1.1	9.5	UG/L
	ST106-GW-1064-12102009	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1064-12102009	WATER	N	2,4,6-Trichlorophenol	20.6 U	3.7	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-1064-12102009	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-1064-12102009	WATER	N	2-Nitrophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-1064-12102009	WATER	N	4,6-Dinitro-2-methylphenol	3.9 J	3.4	61.8	UG/L
	ST106-GW-1064-12102009	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	4-Nitroaniline	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	4-Nitrophenol	51.5 U	3	51.5	UG/L
	ST106-GW-1064-12102009	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1064-12102009	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzidine	155 R	20.6	155	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzoic acid	61.8 U	14.4	61.8	UG/L
	ST106-GW-1064-12102009	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Dibenzo (a,h) anthracene	10.3 U	2.8	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Di-n-butylphthalate	20.6 U	3	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	Di-n-octylphthalate	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1064-12102009	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Hexachlorocyclopentadiene	10.3 U	2.3	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Nitrobenzene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-1064-12102009	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Pentachlorophenol	61.8 U	2.7	61.8	UG/L
	ST106-GW-1064-12102009	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-1064-12102009	WATER	N	Pyrene	10.3 U	3	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	2,4,6-Trichlorophenol	20.6 U	0.86	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-1064-13012010	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1064-13012010	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-1064-13012010	WATER	N	2-Nitrophenol	20.6 U	0.79	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-1064-13012010	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	0.7	61.8	UG/L
	ST106-GW-1064-13012010	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	4-Nitroaniline	10.3 U	1.3	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	4-Nitrophenol	51.5 UJ	1	51.5	UG/L
	ST106-GW-1064-13012010	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1064-13012010	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzoic acid	61.8 R	14.4	61.8	UG/L
	ST106-GW-1064-13012010	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Bis (2-ethylhexyl) phthalate	8.4 J	4.5	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Dibenzo (a,h) anthracene	10.3 U	1.2	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Di-n-butylphthalate	20.6 U	0.89	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	Di-n-octylphthalate	20.6 U	1.1	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Hexachlorocyclopentadiene	10.3 U	0.84	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	1.6	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Nitrobenzene	20.6 U	1	20.6	UG/L
	ST106-GW-1064-13012010	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1064-13012010	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Pentachlorophenol	61.8 U	1.4	61.8	UG/L
	ST106-GW-1064-13012010	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-1064-13012010	WATER	N	Pyrene	10.3 U	1.2	10.3	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.1	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.5	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	2,4,5-Trichlorophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	2,4,6-Trichlorophenol	20.3 U	3.6	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	2,4-Dichlorophenol	10.2 U	3.1	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	2,4-Dinitrophenol	60.9 U	5.7	60.9	UG/L
	ST106-GW-1067-09102009	WATER	N	2,4-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	2,6-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	2-Chlorophenol	10.2 U	2.9	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	2-Nitroaniline	50.8 U	3	50.8	UG/L
	ST106-GW-1067-09102009	WATER	N	2-Nitrophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	3,3'-Dichlorobenzidine	20.3 U	2.7	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	3-Nitroaniline	50.8 U	2.8	50.8	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1067-09102009	WATER	N	4,6-Dinitro-2-methylphenol	60.9 U	3.4	60.9	UG/L
	ST106-GW-1067-09102009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	4-Chloro-3-methylphenol	20.3 U	2.7	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	4-Chloroaniline	20.3 U	3	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.5	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	4-Methylphenol	20.3 U	6.2	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	4-Nitroaniline	10.2 U	2.8	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	4-Nitrophenol	50.8 UJ	2.9	50.8	UG/L
	ST106-GW-1067-09102009	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Acenaphthylene	10.2 U	3	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzidine	152 R	20.3	152	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzo(k)fluoranthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzoic acid	60.9 U	14.2	60.9	UG/L
	ST106-GW-1067-09102009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Butyl benzylphthalate	20.3 U	3	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	Chrysene	10.2 U	2.9	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1067-09102009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Dibenzofuran	10.2 U	2.7	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Dimethyl phthalate	10.2 U	3	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Di-n-butylphthalate	20.3 U	2.9	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	Di-n-octylphthalate	20.3 U	2.8	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	Fluoranthene	20.3 U	2.8	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	Fluorene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Hexachlorobutadiene	10.2 U	2.5	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.6	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Nitrobenzene	20.3 U	2.8	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	n-Nitrosodi-n-propylamine	20.3 U	3	20.3	UG/L
	ST106-GW-1067-09102009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.4	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Pentachlorophenol	60.9 U	2.6	60.9	UG/L
	ST106-GW-1067-09102009	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Pyrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1067-11012010	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	2,4,6-Trichlorophenol	20.6 U	0.86	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-1067-11012010	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-1067-11012010	WATER	N	2-Nitrophenol	20.6 U	0.79	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-1067-11012010	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	0.7	61.8	UG/L
	ST106-GW-1067-11012010	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	4-Nitroaniline	10.3 U	1.3	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1067-11012010	WATER	N	4-Nitrophenol	51.5 UJ	1	51.5	UG/L
	ST106-GW-1067-11012010	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzidine	155 U	20.6	155	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzoic acid	61.8 UJ	14.4	61.8	UG/L
	ST106-GW-1067-11012010	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Dibenzo (a,h) anthracene	10.3 U	1.2	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Di-n-butylphthalate	20.6 U	0.89	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	Di-n-octylphthalate	20.6 U	1.1	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-1067-11012010	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Hexachlorocyclopentadiene	10.3 U	0.84	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	1.6	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Nitrobenzene	20.6 U	1	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-1067-11012010	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Pentachlorophenol	61.8 U	1.4	61.8	UG/L
	ST106-GW-1067-11012010	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-1067-11012010	WATER	N	Pyrene	10.3 U	1.2	10.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2-Dichlorobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.1	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1,3-Dinitrobenzene	10.2 U	2.5	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2,4,5-Trichlorophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2,4,6-Trichlorophenol	20.3 U	3.6	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2,4-Dichlorophenol	10.2 U	3.1	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2,4-Dimethylphenol	10.2 U	2.3	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2,4-Dinitrophenol	60.9 U	5.7	60.9	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2,4-Dinitrotoluene	20.3 U	2.8	20.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-2819RC-08102009	WATER	N	2,6-Dinitrotoluene	20.3 U	2.8	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2-Chloronaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2-Chlorophenol	10.2 U	2.9	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2-Methylnaphthalene	10.2 U	2.8	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2-Methylphenol	10.2 U	2.6	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2-Nitroaniline	50.8 U	3	50.8	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2-Nitrophenol	20.3 U	3.4	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	3,3'-Dichlorobenzidine	20.3 U	2.7	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	3-Nitroaniline	50.8 U	2.8	50.8	UG/L
	ST106-GW-2819RC-08102009	WATER	N	4,6-Dinitro-2-methylphenol	60.9 U	3.4	60.9	UG/L
	ST106-GW-2819RC-08102009	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.3	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	4-Chloro-3-methylphenol	20.3 U	2.7	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	4-Chloroaniline	20.3 U	3	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.5	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	4-Methylphenol	20.3 U	6.2	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	4-Nitroaniline	10.2 U	2.8	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	4-Nitrophenol	50.8 UJ	2.9	50.8	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Acenaphthene	10.2 U	2.8	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Acenaphthylene	10.2 U	3	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Anthracene	10.2 U	2.8	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzidine	152 R	20.3	152	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzo (a) pyrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzo (b) fluoranthene	10.2 U	2.6	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-2819RC-08102009	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.6	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzo(a)anthracene	10.2 U	2.6	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzo(k)fluoranthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzoic acid	60.9 U	14.2	60.9	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Butyl benzylphthalate	20.3 U	3	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Chrysene	10.2 U	2.9	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Dibenzo (a,h) anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Dibenzofuran	10.2 U	2.7	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Diethyl phthalate	10.2 U	2.8	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Dimethyl phthalate	10.2 U	3	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Di-n-butylphthalate	20.3 U	2.9	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Di-n-octylphthalate	20.3 U	2.8	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Fluoranthene	20.3 U	2.8	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Fluorene	10.2 U	2.9	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Hexachlorobutadiene	10.2 U	2.5	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Hexachlorocyclopentadiene	10.2 U	2.2	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Hexachloroethane	10.2 U	2.6	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	2.6	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Naphthalene	10.2 U	2.8	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-2819RC-08102009	WATER	N	Nitrobenzene	20.3 U	2.8	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	n-Nitrosodi-n-propylamine	20.3 U	3	20.3	UG/L
	ST106-GW-2819RC-08102009	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.4	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Pentachlorophenol	60.9 U	2.6	60.9	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Phenanthrene	10.2 U	2.8	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Pyrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2-Dichlorobenzene	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,2-Diphenylhydrazine	10.4 U	3.2	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1,3-Dinitrobenzene	10.4 U	2.6	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2,4,5-Trichlorophenol	20.7 U	3.5	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2,4,6-Trichlorophenol	20.7 U	0.87	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2,4-Dichlorophenol	10.4 U	3.2	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2,4-Dimethylphenol	10.4 U	2.4	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2,4-Dinitrophenol	62.2 U	5.8	62.2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2,4-Dinitrotoluene	20.7 U	2.9	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2,6-Dinitrotoluene	20.7 U	2.9	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2-Chloronaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2-Chlorophenol	10.4 U	3	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2-Methylnaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2-Methylphenol	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2-Nitroaniline	51.8 U	3.1	51.8	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2-Nitrophenol	20.7 U	0.8	20.7	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-2819RC-13012010	WATER	N	3,3'-Dichlorobenzidine	20.7 U	2.8	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	3-Nitroaniline	51.8 U	2.9	51.8	UG/L
	ST106-GW-2819RC-13012010	WATER	N	4,6-Dinitro-2-methylphenol	62.2 U	0.7	62.2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	4-Bromophenyl phenyl ether	10.4 U	2.4	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	4-Chloro-3-methylphenol	20.7 U	2.8	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	4-Chloroaniline	20.7 U	3.1	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	4-Chlorophenyl phenyl ether	10.4 U	2.6	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	4-Methylphenol	20.7 U	6.3	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	4-Nitroaniline	10.4 U	1.3	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	4-Nitrophenol	51.8 UJ	1	51.8	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Acenaphthene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Acenaphthylene	10.4 U	3.1	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Anthracene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzidine	155 U	20.7	155	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzo (a) pyrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzo (b) fluoranthene	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzo (g,h,i) perylene	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzo(a)anthracene	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzo(k)fluoranthene	10.4 U	3	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzoic acid	62.2 R	14.5	62.2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Bis (2-chloroethoxy) methane	10.4 U	3.6	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Bis (2-chloroethyl) ether	10.4 U	3.1	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.4 U	4.6	10.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-2819RC-13012010	WATER	N	Butyl benzylphthalate	20.7 U	3.1	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Chrysene	10.4 U	3	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Dibenzo (a,h) anthracene	10.4 U	1.2	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Dibenzofuran	10.4 U	2.8	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Diethyl phthalate	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Dimethyl phthalate	10.4 U	3.1	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Di-n-butylphthalate	20.7 U	0.89	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Di-n-octylphthalate	20.7 U	1.1	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Fluoranthene	20.7 U	2.9	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Fluorene	10.4 U	3	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Hexachlorobenzene	10.4 U	0.42	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Hexachlorobutadiene	10.4 U	2.6	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Hexachlorocyclopentadiene	10.4 U	0.85	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Hexachloroethane	10.4 U	2.7	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.4 U	1.6	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Naphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Nitrobenzene	20.7 U	1	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	n-Nitrosodi-n-propylamine	20.7 U	3.1	20.7	UG/L
	ST106-GW-2819RC-13012010	WATER	N	n-Nitrosodiphenylamine	10.4 U	3.5	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Pentachlorophenol	62.2 U	1.4	62.2	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Phenanthrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Phenol	10.4 UJ	1.8	10.4	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Pyrene	10.4 U	1.2	10.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-3411-12102009	WATER	N	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	1,2-Diphenylhydrazine	10.5 U	3.3	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	2,4,5-Trichlorophenol	21 U	3.6	21	UG/L
	ST106-GW-3411-12102009	WATER	N	2,4,6-Trichlorophenol	21 U	3.8	21	UG/L
	ST106-GW-3411-12102009	WATER	N	2,4-Dichlorophenol	10.5 U	3.3	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	2,4-Dinitrophenol	63.2 U	5.9	63.2	UG/L
	ST106-GW-3411-12102009	WATER	N	2,4-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-3411-12102009	WATER	N	2,6-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-3411-12102009	WATER	N	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	2-Methylnaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	2-Methylphenol	10.5 U	2.7	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	2-Nitroaniline	52.6 U	3.2	52.6	UG/L
	ST106-GW-3411-12102009	WATER	N	2-Nitrophenol	21 U	3.6	21	UG/L
	ST106-GW-3411-12102009	WATER	N	3,3'-Dichlorobenzidine	21 U	2.8	21	UG/L
	ST106-GW-3411-12102009	WATER	N	3-Nitroaniline	52.6 U	2.9	52.6	UG/L
	ST106-GW-3411-12102009	WATER	N	4,6-Dinitro-2-methylphenol	63.2 U	3.5	63.2	UG/L
	ST106-GW-3411-12102009	WATER	N	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	4-Chloro-3-methylphenol	21 U	2.8	21	UG/L
	ST106-GW-3411-12102009	WATER	N	4-Chloroaniline	21 U	3.2	21	UG/L
	ST106-GW-3411-12102009	WATER	N	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-3411-12102009	WATER	N	4-Methylphenol	21 U	6.4	21	UG/L
	ST106-GW-3411-12102009	WATER	N	4-Nitroaniline	10.5 U	2.9	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	4-Nitrophenol	52.6 U	3	52.6	UG/L
	ST106-GW-3411-12102009	WATER	N	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Acenaphthylene	10.5 U	3.2	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Anthracene	10.5 U	2.9	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzidine	158 R	21	158	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzoic acid	63.2 U	14.7	63.2	UG/L
	ST106-GW-3411-12102009	WATER	N	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Bis (2-chloroethyl) ether	10.5 U	3.2	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.5 U	4.6	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Butyl benzylphthalate	21 U	3.2	21	UG/L
	ST106-GW-3411-12102009	WATER	N	Chrysene	10.5 U	3	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Dibenzo (a,h) anthracene	10.5 U	2.8	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Dibenzofuran	10.5 U	2.8	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Diethyl phthalate	10.5 U	2.9	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Dimethyl phthalate	10.5 U	3.2	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Di-n-butylphthalate	21 U	3	21	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-3411-12102009	WATER	N	Di-n-octylphthalate	21 U	2.9	21	UG/L
	ST106-GW-3411-12102009	WATER	N	Fluoranthene	21 U	2.9	21	UG/L
	ST106-GW-3411-12102009	WATER	N	Fluorene	10.5 U	3	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Hexachlorocyclopentadiene	10.5 U	2.3	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Hexachloroethane	10.5 U	2.7	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.5 U	2.7	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Naphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Nitrobenzene	21 U	2.9	21	UG/L
	ST106-GW-3411-12102009	WATER	N	n-Nitrosodi-n-propylamine	21 U	3.2	21	UG/L
	ST106-GW-3411-12102009	WATER	N	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Pentachlorophenol	63.2 U	2.7	63.2	UG/L
	ST106-GW-3411-12102009	WATER	N	Phenanthrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Phenol	10.5 UJ	1.8	10.5	UG/L
	ST106-GW-3411-12102009	WATER	N	Pyrene	10.5 U	3	10.5	UG/L
	ST106-GW-3411-14012010	WATER	N	1,2-Dichlorobenzene	10.4 U	2.7	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	1,2-Diphenylhydrazine	10.4 U	3.2	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	1,3-Dinitrobenzene	10.4 U	2.6	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	2,4,5-Trichlorophenol	20.7 U	3.5	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	2,4,6-Trichlorophenol	20.7 U	0.87	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	2,4-Dichlorophenol	10.4 U	3.2	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	2,4-Dimethylphenol	10.4 U	2.4	10.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-3411-14012010	WATER	N	2,4-Dinitrophenol	62.2 U	5.8	62.2	UG/L
	ST106-GW-3411-14012010	WATER	N	2,4-Dinitrotoluene	20.7 U	2.9	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	2,6-Dinitrotoluene	20.7 U	2.9	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	2-Chloronaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	2-Chlorophenol	10.4 U	3	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	2-Methylnaphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	2-Methylphenol	10.4 U	2.7	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	2-Nitroaniline	51.8 U	3.1	51.8	UG/L
	ST106-GW-3411-14012010	WATER	N	2-Nitrophenol	20.7 U	0.8	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	3,3'-Dichlorobenzidine	20.7 U	2.8	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	3-Nitroaniline	51.8 U	2.9	51.8	UG/L
	ST106-GW-3411-14012010	WATER	N	4,6-Dinitro-2-methylphenol	62.2 U	0.7	62.2	UG/L
	ST106-GW-3411-14012010	WATER	N	4-Bromophenyl phenyl ether	10.4 U	2.4	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	4-Chloro-3-methylphenol	20.7 U	2.8	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	4-Chloroaniline	20.7 U	3.1	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	4-Chlorophenyl phenyl ether	10.4 U	2.6	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	4-Methylphenol	20.7 U	6.3	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	4-Nitroaniline	10.4 U	1.3	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	4-Nitrophenol	51.8 UJ	1	51.8	UG/L
	ST106-GW-3411-14012010	WATER	N	Acenaphthene	10.4 U	2.9	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Acenaphthylene	10.4 U	3.1	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Anthracene	10.4 U	2.9	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Benzidine	155 U	20.7	155	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-3411-14012010	WATER	N	Benzo (a) pyrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Benzo (b) fluoranthene	10.4 U	2.7	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Benzo (g,h,i) perylene	10.4 U	2.7	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Benzo(a)anthracene	10.4 U	2.7	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Benzo(k)fluoranthene	10.4 U	3	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Benzoic acid	63.2 UJ	14.7	63.2	UG/L
	ST106-GW-3411-14012010	WATER	N	Bis (2-chloroethoxy) methane	10.4 U	3.6	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Bis (2-chloroethyl) ether	10.4 U	3.1	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Bis (2-ethylhexyl) phthalate	11.8 J	4.6	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Butyl benzylphthalate	20.7 U	3.1	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	Chrysene	10.4 U	3	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Dibenzo (a,h) anthracene	10.4 U	1.2	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Dibenzofuran	10.4 U	2.8	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Diethyl phthalate	10.4 U	2.9	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Dimethyl phthalate	10.4 U	3.1	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Di-n-butylphthalate	20.7 U	0.89	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	Di-n-octylphthalate	20.7 U	1.1	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	Fluoranthene	20.7 U	2.9	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	Fluorene	10.4 U	3	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Hexachlorobenzene	10.4 U	0.42	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Hexachlorobutadiene	10.4 U	2.6	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Hexachlorocyclopentadiene	10.4 U	0.85	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Hexachloroethane	10.4 U	2.7	10.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-3411-14012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.4 U	1.6	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Naphthalene	10.4 U	2.9	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Nitrobenzene	20.7 U	1	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	n-Nitrosodi-n-propylamine	20.7 U	3.1	20.7	UG/L
	ST106-GW-3411-14012010	WATER	N	n-Nitrosodiphenylamine	10.4 U	3.5	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Pentachlorophenol	62.2 U	1.4	62.2	UG/L
	ST106-GW-3411-14012010	WATER	N	Phenanthrene	10.4 U	2.9	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Phenol	10.4 UJ	1.8	10.4	UG/L
	ST106-GW-3411-14012010	WATER	N	Pyrene	10.4 U	1.2	10.4	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,2-Dichlorobenzene	10.3 SU	2.7	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,2-Diphenylhydrazine	10.3 SU	3.2	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1,3-Dinitrobenzene	10.3 SU	2.6	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2,4,5-Trichlorophenol	20.6 SU	3.5	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2,4,6-Trichlorophenol	20.6 SU	3.7	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2,4-Dichlorophenol	10.3 SU	3.2	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2,4-Dimethylphenol	10.3 SU	2.4	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2,4-Dinitrophenol	61.8 SU	5.8	61.8	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2,4-Dinitrotoluene	20.6 SU	2.9	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2,6-Dinitrotoluene	20.6 SU	2.9	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2-Chloronaphthalene	10.3 SU	2.9	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2-Chlorophenol	10.3 SU	3	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2-Methylnaphthalene	10.3 SU	2.9	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2-Methylphenol	10.3 SU	2.7	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-IDWTANK-19102009	WATER	N	2-Nitroaniline	51.5 SU	3.1	51.5	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2-Nitrophenol	20.6 SU	3.5	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	3,3'-Dichlorobenzidine	20.6 SU	2.8	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	3-Nitroaniline	51.5 SU	2.9	51.5	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	4,6-Dinitro-2-methylphenol	61.8 SU	3.4	61.8	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	4-Bromophenyl phenyl ether	10.3 SU	2.4	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	4-Chloro-3-methylphenol	20.6 SU	2.8	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	4-Chloroaniline	20.6 SU	3.1	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	4-Chlorophenyl phenyl ether	10.3 SU	2.6	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	4-Methylphenol	20.6 SU	6.3	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	4-Nitroaniline	10.3 SU	2.9	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	4-Nitrophenol	51.5 SU	3	51.5	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Acenaphthene	10.3 SU	2.9	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Acenaphthylene	10.3 SU	3.1	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Anthracene	10.3 SU	2.9	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzidine	155 SU	20.6	155	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzo (a) pyrene	10.3 SU	2.9	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzo (b) fluoranthene	10.3 SU	2.7	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzo (g,h,i) perylene	10.3 SU	2.7	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzo(a)anthracene	10.3 SU	2.7	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzo(k)fluoranthene	10.3 SU	3	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzoic acid	61.8 SU	14.4	61.8	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Bis (2-chloroethoxy) methane	10.3 SU	3.6	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-IDWTANK-19102009	WATER	N	Bis (2-chloroethyl) ether	10.3 SU	3.1	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 SU	4.5	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Butyl benzylphthalate	20.6 SU	3.1	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Chrysene	10.3 SU	3	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Dibenzo (a,h) anthracene	10.3 SU	2.8	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Dibenzofuran	10.3 SU	2.8	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Diethyl phthalate	10.3 SU	2.9	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Dimethyl phthalate	10.3 SU	3.1	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Di-n-butylphthalate	20.6 SU	3	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Di-n-octylphthalate	20.6 SU	2.9	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Fluoranthene	20.6 SU	2.9	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Fluorene	10.3 SU	3	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Hexachlorobenzene	10.3 SU	0.42	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Hexachlorobutadiene	10.3 SU	2.6	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Hexachlorocyclopentadiene	10.3 SU	2.3	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Hexachloroethane	10.3 SU	2.7	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 SU	2.7	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Naphthalene	10.3 SU	2.9	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Nitrobenzene	20.6 SU	2.9	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	n-Nitrosodi-n-propylamine	20.6 SU	3.1	20.6	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	n-Nitrosodiphenylamine	10.3 SU	3.5	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Pentachlorophenol	61.8 SU	2.7	61.8	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Phenanthrene	10.3 SU	2.9	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-IDWTANK-19102009	WATER	N	Phenol	10.3 SU	1.8	10.3	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Pyrene	10.3 SU	3	10.3	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2-Dichlorobenzene	14.5 SU	3.8	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,2-Diphenylhydrazine	14.5 SU	4.5	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1,3-Dinitrobenzene	14.5 SU	3.6	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2,4,5-Trichlorophenol	29 SU	4.9	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2,4,6-Trichlorophenol	29 SU	1.2	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2,4-Dichlorophenol	14.5 SU	4.5	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2,4-Dimethylphenol	14.5 SU	3.3	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2,4-Dinitrophenol	87 SU	8.1	87	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2,4-Dinitrotoluene	29 SU	4	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2,6-Dinitrotoluene	29 SU	4	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2-Chloronaphthalene	14.5 SU	4	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2-Chlorophenol	14.5 SU	4.2	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2-Methylnaphthalene	14.5 SU	4	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2-Methylphenol	14.5 SU	3.8	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2-Nitroaniline	72.5 SU	4.3	72.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2-Nitrophenol	29 SU	1.1	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	3,3'-Dichlorobenzidine	29 SU	3.9	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	3-Nitroaniline	72.5 SU	4	72.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	4,6-Dinitro-2-methylphenol	87 SU	0.98	87	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	4-Bromophenyl phenyl ether	14.5 SU	3.3	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	4-Chloro-3-methylphenol	29 SU	3.9	29	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-IDWtank-28012010	WATER	N	4-Chloroaniline	29 SU	4.3	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	4-Chlorophenyl phenyl ether	14.5 SU	3.6	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	4-Methylphenol	29 SU	8.8	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	4-Nitroaniline	14.5 SU	1.9	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	4-Nitrophenol	72.5 SU	1.4	72.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Acenaphthene	14.5 SU	4	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Acenaphthylene	14.5 SU	4.3	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Anthracene	14.5 SU	4	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzidine	217 SU	29	217	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzo (a) pyrene	14.5 SU	4	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzo (b) fluoranthene	14.5 SU	3.8	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzo (g,h,i) perylene	14.5 SU	3.8	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzo(a)anthracene	14.5 SU	3.8	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzo(k)fluoranthene	14.5 SU	4.2	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzoic acid	87 SU	20.3	87	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Bis (2-chloroethoxy) methane	14.5 SU	5.1	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Bis (2-chloroethyl) ether	14.5 SU	4.3	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Bis (2-ethylhexyl) phthalate	14.5 SU	6.4	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Butyl benzylphthalate	29 SU	4.3	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Chrysene	14.5 SU	4.2	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Dibenzo (a,h) anthracene	14.5 SU	1.7	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Dibenzofuran	14.5 SU	3.9	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Diethyl phthalate	14.5 SU	4	14.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-IDWtank-28012010	WATER	N	Dimethyl phthalate	14.5 SU	4.3	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Di-n-butylphthalate	29 SU	1.2	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Di-n-octylphthalate	29 SU	1.6	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Fluoranthene	29 SU	4	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Fluorene	14.5 SU	4.2	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Hexachlorobenzene	14.5 SU	0.59	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Hexachlorobutadiene	14.5 SU	3.6	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Hexachlorocyclopentadiene	14.5 SU	1.2	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Hexachloroethane	14.5 SU	3.8	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Indeno(1,2,3-cd)pyrene	14.5 SU	2.3	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Naphthalene	14.5 SU	4	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Nitrobenzene	29 SU	1.4	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	n-Nitrosodi-n-propylamine	29 SU	4.3	29	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	n-Nitrosodiphenylamine	14.5 SU	4.9	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Pentachlorophenol	87 SU	2	87	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Phenanthrene	14.5 SU	4	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Phenol	14.5 SU	2.5	14.5	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Pyrene	14.5 SU	1.7	14.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2-Dichlorobenzene	10.5 U	2.7	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,2-Diphenylhydrazine	10.5 U	3.3	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1,3-Dinitrobenzene	10.5 U	2.6	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2,4,5-Trichlorophenol	21 U	3.6	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2,4,6-Trichlorophenol	21 U	3.8	21	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-08102009	WATER	N	2,4-Dichlorophenol	10.5 U	3.3	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2,4-Dimethylphenol	10.5 U	2.4	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2,4-Dinitrophenol	63.2 U	5.9	63.2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2,4-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2,6-Dinitrotoluene	21 U	2.9	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2-Chloronaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2-Chlorophenol	10.5 U	3	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2-Methylnaphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2-Methylphenol	10.5 U	2.7	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2-Nitroaniline	52.6 U	3.2	52.6	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2-Nitrophenol	21 U	3.6	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	3,3'-Dichlorobenzidine	21 U	2.8	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	3-Nitroaniline	52.6 U	2.9	52.6	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	4,6-Dinitro-2-methylphenol	63.2 U	3.5	63.2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	4-Bromophenyl phenyl ether	10.5 U	2.4	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	4-Chloro-3-methylphenol	21 U	2.8	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	4-Chloroaniline	21 U	3.2	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	4-Chlorophenyl phenyl ether	10.5 U	2.6	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	4-Methylphenol	21 U	6.4	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	4-Nitroaniline	10.5 U	2.9	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	4-Nitrophenol	52.6 UJ	3	52.6	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Acenaphthene	10.5 U	2.9	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Acenaphthylene	10.5 U	3.2	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-08102009	WATER	N	Anthracene	10.5 U	2.9	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzidine	158 R	21	158	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzo (a) pyrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzo (b) fluoranthene	10.5 U	2.7	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzo (g,h,i) perylene	10.5 U	2.7	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzo(a)anthracene	10.5 U	2.7	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzo(k)fluoranthene	10.5 U	3	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzoic acid	63.2 U	14.7	63.2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Bis (2-chloroethoxy) methane	10.5 U	3.7	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Bis (2-chloroethyl) ether	10.5 U	3.2	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.5 U	4.6	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Butyl benzylphthalate	21 U	3.2	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Chrysene	10.5 U	3	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Dibenzo (a,h) anthracene	10.5 U	2.8	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Dibenzofuran	10.5 U	2.8	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Diethyl phthalate	10.5 U	2.9	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Dimethyl phthalate	10.5 U	3.2	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Di-n-butylphthalate	21 U	3	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Di-n-octylphthalate	21 U	2.9	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Fluoranthene	21 U	2.9	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Fluorene	10.5 U	3	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Hexachlorobenzene	10.5 U	0.43	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Hexachlorobutadiene	10.5 U	2.6	10.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-08102009	WATER	N	Hexachlorocyclopentadiene	10.5 U	2.3	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Hexachloroethane	10.5 U	2.7	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.5 U	2.7	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Naphthalene	10.5 U	2.9	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Nitrobenzene	21 U	2.9	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	n-Nitrosodi-n-propylamine	21 U	3.2	21	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	n-Nitrosodiphenylamine	10.5 U	3.6	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Pentachlorophenol	63.2 U	2.7	63.2	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Phenanthrene	10.5 U	2.9	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Phenol	10.5 UJ	1.8	10.5	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Pyrene	10.5 U	3	10.5	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2-Dichlorobenzene	11.1 U	2.9	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,2-Diphenylhydrazine	11.1 U	3.4	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1,3-Dinitrobenzene	11.1 U	2.8	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2,4,5-Trichlorophenol	22.2 U	3.8	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2,4,6-Trichlorophenol	22.2 U	0.93	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2,4-Dichlorophenol	11.1 U	3.4	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2,4-Dimethylphenol	11.1 U	2.6	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2,4-Dinitrophenol	66.7 U	6.2	66.7	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2,4-Dinitrotoluene	22.2 U	3.1	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2,6-Dinitrotoluene	22.2 U	3.1	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2-Chloronaphthalene	11.1 U	3.1	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2-Chlorophenol	11.1 U	3.2	11.1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-12012010	WATER	N	2-Methylnaphthalene	11.1 U	3.1	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2-Methylphenol	11.1 U	2.9	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2-Nitroaniline	55.6 U	3.3	55.6	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2-Nitrophenol	22.2 U	0.86	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	3,3'-Dichlorobenzidine	22.2 U	3	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	3-Nitroaniline	55.6 U	3.1	55.6	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	4,6-Dinitro-2-methylphenol	66.7 U	0.76	66.7	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	4-Bromophenyl phenyl ether	11.1 U	2.6	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	4-Chloro-3-methylphenol	22.2 U	3	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	4-Chloroaniline	22.2 U	3.3	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	4-Chlorophenyl phenyl ether	11.1 U	2.8	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	4-Methylphenol	22.2 U	6.8	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	4-Nitroaniline	11.1 U	1.4	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	4-Nitrophenol	55.6 UJ	1.1	55.6	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Acenaphthene	11.1 U	3.1	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Acenaphthylene	11.1 U	3.3	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Anthracene	11.1 U	3.1	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzidine	167 U	22.2	167	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzo (a) pyrene	11.1 U	3.1	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzo (b) fluoranthene	11.1 U	2.9	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzo (g,h,i) perylene	11.1 U	2.9	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzo(a)anthracene	11.1 U	2.9	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzo(k)fluoranthene	11.1 U	3.2	11.1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-12012010	WATER	N	Benzoic acid	61.8 UJ	14.4	61.8	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Bis (2-chloroethoxy) methane	11.1 U	3.9	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Bis (2-chloroethyl) ether	11.1 U	3.3	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Bis (2-ethylhexyl) phthalate	11.1 U	4.9	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Butyl benzylphthalate	22.2 U	3.3	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Chrysene	11.1 U	3.2	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Dibenzo (a,h) anthracene	11.1 U	1.3	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Dibenzofuran	11.1 U	3	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Diethyl phthalate	11.1 U	3.1	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Dimethyl phthalate	11.1 U	3.3	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Di-n-butylphthalate	22.2 U	0.96	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Di-n-octylphthalate	22.2 U	1.2	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Fluoranthene	22.2 U	3.1	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Fluorene	11.1 U	3.2	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Hexachlorobenzene	11.1 U	0.46	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Hexachlorobutadiene	11.1 U	2.8	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Hexachlorocyclopentadiene	11.1 U	0.91	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Hexachloroethane	11.1 U	2.9	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	11.1 U	1.8	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Naphthalene	11.1 U	3.1	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Nitrobenzene	22.2 U	1.1	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	n-Nitrosodi-n-propylamine	22.2 U	3.3	22.2	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	n-Nitrosodiphenylamine	11.1 U	3.8	11.1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB03-12012010	WATER	N	Pentachlorophenol	66.7 U	1.6	66.7	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Phenanthrene	11.1 U	3.1	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Phenol	11.1 UJ	1.9	11.1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Pyrene	11.1 U	1.3	11.1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2-Dichlorobenzene	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,2-Diphenylhydrazine	10.3 U	3.2	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1,3-Dinitrobenzene	10.3 U	2.6	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2,4,5-Trichlorophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2,4,6-Trichlorophenol	20.6 U	3.7	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2,4-Dichlorophenol	10.3 U	3.2	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2,4-Dimethylphenol	10.3 U	2.4	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2,4-Dinitrophenol	61.8 U	5.8	61.8	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2,4-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2,6-Dinitrotoluene	20.6 U	2.9	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2-Chloronaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2-Chlorophenol	10.3 U	3	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2-Methylnaphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2-Methylphenol	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2-Nitroaniline	51.5 U	3.1	51.5	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2-Nitrophenol	20.6 U	3.5	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	3,3'-Dichlorobenzidine	20.6 U	2.8	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	3-Nitroaniline	51.5 U	2.9	51.5	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	4,6-Dinitro-2-methylphenol	61.8 U	3.4	61.8	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB15-08102009	WATER	N	4-Bromophenyl phenyl ether	10.3 U	2.4	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	4-Chloro-3-methylphenol	20.6 U	2.8	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	4-Chloroaniline	20.6 U	3.1	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	4-Chlorophenyl phenyl ether	10.3 U	2.6	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	4-Methylphenol	20.6 U	6.3	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	4-Nitroaniline	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	4-Nitrophenol	51.5 UJ	3	51.5	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Acenaphthene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Acenaphthylene	10.3 U	3.1	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Anthracene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzidine	155 R	20.6	155	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzo (a) pyrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzo (b) fluoranthene	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzo (g,h,i) perylene	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzo(a)anthracene	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzo(k)fluoranthene	10.3 U	3	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzoic acid	61.8 U	14.4	61.8	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Bis (2-chloroethoxy) methane	10.3 U	3.6	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Bis (2-chloroethyl) ether	10.3 U	3.1	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.3 U	4.5	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Butyl benzylphthalate	20.6 U	3.1	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Chrysene	10.3 U	3	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Dibenzo (a,h) anthracene	10.3 U	2.8	10.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB15-08102009	WATER	N	Dibenzofuran	10.3 U	2.8	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Diethyl phthalate	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Dimethyl phthalate	10.3 U	3.1	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Di-n-butylphthalate	20.6 U	3	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Di-n-octylphthalate	20.6 U	2.9	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Fluoranthene	20.6 U	2.9	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Fluorene	10.3 U	3	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Hexachlorobenzene	10.3 U	0.42	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Hexachlorobutadiene	10.3 U	2.6	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Hexachlorocyclopentadiene	10.3 U	2.3	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Hexachloroethane	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.3 U	2.7	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Naphthalene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Nitrobenzene	20.6 U	2.9	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	n-Nitrosodi-n-propylamine	20.6 U	3.1	20.6	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	n-Nitrosodiphenylamine	10.3 U	3.5	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Pentachlorophenol	61.8 U	2.7	61.8	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Phenanthrene	10.3 U	2.9	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Phenol	10.3 UJ	1.8	10.3	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Pyrene	10.3 U	3	10.3	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,2-Dichlorobenzene	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,2-Diphenylhydrazine	10.1 U	3.1	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1,3-Dinitrobenzene	10.1 U	2.5	10.1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB15-12012010	WATER	N	2,4,5-Trichlorophenol	20.2 U	3.4	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2,4,6-Trichlorophenol	20.2 U	0.85	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2,4-Dichlorophenol	10.1 U	3.1	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2,4-Dimethylphenol	10.1 U	2.3	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2,4-Dinitrophenol	60.6 U	5.6	60.6	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2,4-Dinitrotoluene	20.2 U	2.8	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2,6-Dinitrotoluene	20.2 U	2.8	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2-Chloronaphthalene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2-Chlorophenol	10.1 U	2.9	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2-Methylnaphthalene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2-Methylphenol	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2-Nitroaniline	50.5 U	3	50.5	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2-Nitrophenol	20.2 U	0.78	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	3,3'-Dichlorobenzidine	20.2 U	2.7	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	3-Nitroaniline	50.5 U	2.8	50.5	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	4,6-Dinitro-2-methylphenol	60.6 U	0.69	60.6	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	4-Bromophenyl phenyl ether	10.1 U	2.3	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	4-Chloro-3-methylphenol	20.2 U	2.7	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	4-Chloroaniline	20.2 U	3	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	4-Chlorophenyl phenyl ether	10.1 U	2.5	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	4-Methylphenol	20.2 U	6.2	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	4-Nitroaniline	10.1 U	1.3	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	4-Nitrophenol	50.5 UJ	1	50.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB15-12012010	WATER	N	Acenaphthene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Acenaphthylene	10.1 U	3	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Anthracene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzidine	152 U	20.2	152	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzo (a) pyrene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzo (b) fluoranthene	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzo (g,h,i) perylene	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzo(a)anthracene	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzo(k)fluoranthene	10.1 U	2.9	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzoic acid	57.1 UJ	13.3	57.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Bis (2-chloroethoxy) methane	10.1 U	3.5	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Bis (2-chloroethyl) ether	10.1 U	3	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.1 U	4.4	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Butyl benzylphthalate	20.2 U	3	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Chrysene	10.1 U	2.9	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Dibenzo (a,h) anthracene	10.1 U	1.2	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Dibenzofuran	10.1 U	2.7	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Diethyl phthalate	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Dimethyl phthalate	10.1 U	3	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Di-n-butylphthalate	20.2 U	0.87	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Di-n-octylphthalate	20.2 U	1.1	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Fluoranthene	20.2 U	2.8	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Fluorene	10.1 U	2.9	10.1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB15-12012010	WATER	N	Hexachlorobenzene	10.1 U	0.41	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Hexachlorobutadiene	10.1 U	2.5	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Hexachlorocyclopentadiene	10.1 U	0.83	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Hexachloroethane	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.1 U	1.6	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Naphthalene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Nitrobenzene	20.2 U	1	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	n-Nitrosodi-n-propylamine	20.2 U	3	20.2	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	n-Nitrosodiphenylamine	10.1 U	3.4	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Pentachlorophenol	60.6 U	1.4	60.6	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Phenanthrene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Phenol	10.1 UJ	1.7	10.1	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Pyrene	10.1 U	1.2	10.1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,2-Dichlorobenzene	10.6 U	2.8	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,2-Diphenylhydrazine	10.6 U	3.3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1,3-Dinitrobenzene	10.6 U	2.6	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2,4,5-Trichlorophenol	21.3 U	3.6	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2,4,6-Trichlorophenol	21.3 U	3.8	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2,4-Dichlorophenol	10.6 U	3.3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2,4-Dimethylphenol	10.6 U	2.4	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2,4-Dinitrophenol	63.8 U	6	63.8	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2,4-Dinitrotoluene	21.3 U	3	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2,6-Dinitrotoluene	21.3 U	3	21.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB16-08102009	WATER	N	2-Chloronaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2-Chlorophenol	10.6 U	3.1	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2-Methylnaphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2-Methylphenol	10.6 U	2.8	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2-Nitroaniline	53.2 U	3.2	53.2	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2-Nitrophenol	21.3 U	3.6	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	3,3'-Dichlorobenzidine	21.3 U	2.9	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	3-Nitroaniline	53.2 U	3	53.2	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	4,6-Dinitro-2-methylphenol	63.8 U	3.5	63.8	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	4-Bromophenyl phenyl ether	10.6 U	2.4	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	4-Chloro-3-methylphenol	21.3 U	2.9	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	4-Chloroaniline	21.3 U	3.2	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	4-Chlorophenyl phenyl ether	10.6 U	2.6	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	4-Methylphenol	21.3 U	6.5	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	4-Nitroaniline	10.6 U	3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	4-Nitrophenol	53.2 UJ	3.1	53.2	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Acenaphthene	10.6 U	3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Acenaphthylene	10.6 U	3.2	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Anthracene	10.6 U	3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzidine	160 R	21.3	160	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzo (a) pyrene	10.6 U	3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzo (b) fluoranthene	10.6 U	2.8	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzo (g,h,i) perylene	10.6 U	2.8	10.6	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB16-08102009	WATER	N	Benzo(a)anthracene	10.6 U	2.8	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzo(k)fluoranthene	10.6 U	3.1	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzoic acid	63.8 U	14.9	63.8	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Bis (2-chloroethoxy) methane	10.6 U	3.7	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Bis (2-chloroethyl) ether	10.6 U	3.2	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Bis (2-ethylhexyl) phthalate	10.6 U	4.7	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Butyl benzylphthalate	21.3 U	3.2	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Chrysene	10.6 U	3.1	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Dibenzo (a,h) anthracene	10.6 U	2.9	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Dibenzofuran	10.6 U	2.9	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Diethyl phthalate	10.6 U	3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Dimethyl phthalate	10.6 U	3.2	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Di-n-butylphthalate	21.3 U	3.1	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Di-n-octylphthalate	21.3 U	3	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Fluoranthene	21.3 U	3	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Fluorene	10.6 U	3.1	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Hexachlorobenzene	10.6 U	0.44	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Hexachlorobutadiene	10.6 U	2.6	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Hexachlorocyclopentadiene	10.6 U	2.3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Hexachloroethane	10.6 U	2.8	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Indeno(1,2,3-cd)pyrene	10.6 U	2.8	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Naphthalene	10.6 U	3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Nitrobenzene	21.3 U	3	21.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
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Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB16-08102009	WATER	N	n-Nitrosodi-n-propylamine	21.3 U	3.2	21.3	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	n-Nitrosodiphenylamine	10.6 U	3.6	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Pentachlorophenol	63.8 U	2.8	63.8	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Phenanthrene	10.6 U	3	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Phenol	10.6 UJ	1.8	10.6	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Pyrene	10.6 U	3.1	10.6	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,2-Dichlorobenzene	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,2-Diphenylhydrazine	10.1 U	3.1	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1,3-Dinitrobenzene	10.1 U	2.5	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2,4,5-Trichlorophenol	20.2 U	3.4	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2,4,6-Trichlorophenol	20.2 U	0.85	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2,4-Dichlorophenol	10.1 U	3.1	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2,4-Dimethylphenol	10.1 U	2.3	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2,4-Dinitrophenol	60.6 U	5.6	60.6	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2,4-Dinitrotoluene	20.2 U	2.8	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2,6-Dinitrotoluene	20.2 U	2.8	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2-Chloronaphthalene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2-Chlorophenol	10.1 U	2.9	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2-Methylnaphthalene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2-Methylphenol	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2-Nitroaniline	50.5 U	3	50.5	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2-Nitrophenol	20.2 U	0.78	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	3,3'-Dichlorobenzidine	20.2 U	2.7	20.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
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Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB16-12012010	WATER	N	3-Nitroaniline	50.5 U	2.8	50.5	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	4,6-Dinitro-2-methylphenol	60.6 U	0.69	60.6	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	4-Bromophenyl phenyl ether	10.1 U	2.3	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	4-Chloro-3-methylphenol	20.2 U	2.7	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	4-Chloroaniline	20.2 U	3	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	4-Chlorophenyl phenyl ether	10.1 U	2.5	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	4-Methylphenol	20.2 U	6.2	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	4-Nitroaniline	10.1 U	1.3	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	4-Nitrophenol	50.5 UJ	1	50.5	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Acenaphthene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Acenaphthylene	10.1 U	3	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Anthracene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzidine	152 U	20.2	152	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzo (a) pyrene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzo (b) fluoranthene	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzo (g,h,i) perylene	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzo(a)anthracene	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzo(k)fluoranthene	10.1 U	2.9	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzoic acid	61.5 UJ	14.4	61.5	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Bis (2-chloroethoxy) methane	10.1 U	3.5	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Bis (2-chloroethyl) ether	10.1 U	3	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.1 U	4.4	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Butyl benzylphthalate	20.2 U	3	20.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-KAFB16-12012010	WATER	N	Chrysene	10.1 U	2.9	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Dibenzo (a,h) anthracene	10.1 U	1.2	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Dibenzofuran	10.1 U	2.7	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Diethyl phthalate	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Dimethyl phthalate	10.1 U	3	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Di-n-butylphthalate	20.2 U	0.87	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Di-n-octylphthalate	20.2 U	1.1	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Fluoranthene	20.2 U	2.8	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Fluorene	10.1 U	2.9	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Hexachlorobenzene	10.1 U	0.41	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Hexachlorobutadiene	10.1 U	2.5	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Hexachlorocyclopentadiene	10.1 U	0.83	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Hexachloroethane	10.1 U	2.6	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.1 U	1.6	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Naphthalene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Nitrobenzene	20.2 U	1	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	n-Nitrosodi-n-propylamine	20.2 U	3	20.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	n-Nitrosodiphenylamine	10.1 U	3.4	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Pentachlorophenol	60.6 U	1.4	60.6	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Phenanthrene	10.1 U	2.8	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Phenol	10.1 UJ	1.7	10.1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Pyrene	10.1 U	1.2	10.1	UG/L
	ST106-GW-VA-08102009	WATER	N	1,2-Dichlorobenzene	12.2 U	3.2	12.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA-08102009	WATER	N	1,2-Diphenylhydrazine	12.2 U	3.8	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	1,3-Dinitrobenzene	12.2 U	3	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	2,4,5-Trichlorophenol	24.4 U	4.1	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	2,4,6-Trichlorophenol	24.4 U	4.4	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	2,4-Dichlorophenol	12.2 U	3.8	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	2,4-Dimethylphenol	12.2 U	2.8	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	2,4-Dinitrophenol	73.2 U	6.8	73.2	UG/L
	ST106-GW-VA-08102009	WATER	N	2,4-Dinitrotoluene	24.4 U	3.4	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	2,6-Dinitrotoluene	24.4 U	3.4	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	2-Chloronaphthalene	12.2 U	3.4	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	2-Chlorophenol	12.2 U	3.5	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	2-Methylnaphthalene	12.2 U	3.4	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	2-Methylphenol	12.2 U	3.2	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	2-Nitroaniline	61 U	3.6	61	UG/L
	ST106-GW-VA-08102009	WATER	N	2-Nitrophenol	24.4 U	4.1	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	3,3'-Dichlorobenzidine	24.4 U	3.3	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	3-Nitroaniline	61 U	3.4	61	UG/L
	ST106-GW-VA-08102009	WATER	N	4,6-Dinitro-2-methylphenol	73.2 U	4	73.2	UG/L
	ST106-GW-VA-08102009	WATER	N	4-Bromophenyl phenyl ether	12.2 U	2.8	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	4-Chloro-3-methylphenol	24.4 U	3.3	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	4-Chloroaniline	24.4 U	3.6	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	4-Chlorophenyl phenyl ether	12.2 U	3	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	4-Methylphenol	24.4 U	7.4	24.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
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Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA-08102009	WATER	N	4-Nitroaniline	12.2 U	3.4	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	4-Nitrophenol	61 UJ	3.5	61	UG/L
	ST106-GW-VA-08102009	WATER	N	Acenaphthene	12.2 U	3.4	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Acenaphthylene	12.2 U	3.6	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Anthracene	12.2 U	3.4	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzidine	183 R	24.4	183	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzo (a) pyrene	12.2 U	3.4	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzo (b) fluoranthene	12.2 U	3.2	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzo (g,h,i) perylene	12.2 U	3.2	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzo(a)anthracene	12.2 U	3.2	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzo(k)fluoranthene	12.2 U	3.5	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzoic acid	73.2 U	17.1	73.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Bis (2-chloroethoxy) methane	12.2 U	4.3	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Bis (2-chloroethyl) ether	12.2 U	3.6	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Bis (2-ethylhexyl) phthalate	9 J	5.4	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Butyl benzylphthalate	24.4 U	3.6	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	Chrysene	12.2 U	3.5	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Dibenzo (a,h) anthracene	12.2 U	3.3	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Dibenzofuran	12.2 U	3.3	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Diethyl phthalate	12.2 U	3.4	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Dimethyl phthalate	12.2 U	3.6	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Di-n-butylphthalate	24.4 U	3.5	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	Di-n-octylphthalate	10 J	3.4	24.4	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA-08102009	WATER	N	Fluoranthene	24.4 U	3.4	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	Fluorene	12.2 U	3.5	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Hexachlorobenzene	12.2 U	0.5	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Hexachlorobutadiene	12.2 U	3	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Hexachlorocyclopentadiene	12.2 U	2.7	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Hexachloroethane	12.2 U	3.2	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Indeno(1,2,3-cd)pyrene	12.2 U	3.2	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Naphthalene	12.2 U	3.4	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Nitrobenzene	24.4 U	3.4	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	n-Nitrosodi-n-propylamine	24.4 U	3.6	24.4	UG/L
	ST106-GW-VA-08102009	WATER	N	n-Nitrosodiphenylamine	12.2 U	4.1	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Pentachlorophenol	73.2 U	3.2	73.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Phenanthrene	12.2 U	3.4	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Phenol	12.2 UJ	2.1	12.2	UG/L
	ST106-GW-VA-08102009	WATER	N	Pyrene	12.2 U	3.5	12.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2-Dichlorobenzene	10.2 U	2.7	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,2-Diphenylhydrazine	10.2 U	3.2	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	1,3-Dinitrobenzene	10.2 U	2.6	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	2,4,5-Trichlorophenol	20.5 U	3.5	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	2,4,6-Trichlorophenol	20.5 U	0.86	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	2,4-Dichlorophenol	10.2 U	3.2	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	2,4-Dimethylphenol	10.2 U	2.4	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	2,4-Dinitrophenol	61.5 U	5.7	61.5	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA2-14012010	WATER	N	2,4-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	2,6-Dinitrotoluene	20.5 U	2.9	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	2-Chloronaphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	2-Chlorophenol	10.2 U	3	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	2-Methylnaphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	2-Methylphenol	10.2 U	2.7	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	2-Nitroaniline	51.3 U	3.1	51.3	UG/L
	ST106-GW-VA2-14012010	WATER	N	2-Nitrophenol	20.5 U	0.79	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	3,3'-Dichlorobenzidine	20.5 U	2.8	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	3-Nitroaniline	51.3 U	2.9	51.3	UG/L
	ST106-GW-VA2-14012010	WATER	N	4,6-Dinitro-2-methylphenol	61.5 U	0.7	61.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	4-Bromophenyl phenyl ether	10.2 U	2.4	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	4-Chloro-3-methylphenol	20.5 U	2.8	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	4-Chloroaniline	20.5 U	3.1	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	4-Chlorophenyl phenyl ether	10.2 U	2.6	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	4-Methylphenol	20.5 U	6.2	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	4-Nitroaniline	10.2 U	1.3	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	4-Nitrophenol	51.3 UJ	1	51.3	UG/L
	ST106-GW-VA2-14012010	WATER	N	Acenaphthene	10.2 U	2.9	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Acenaphthylene	10.2 U	3.1	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Anthracene	10.2 U	2.9	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Benzidine	154 U	20.5	154	UG/L
	ST106-GW-VA2-14012010	WATER	N	Benzo (a) pyrene	10.2 U	2.9	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA2-14012010	WATER	N	Benzo (b) fluoranthene	10.2 U	2.7	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Benzo (g,h,i) perylene	10.2 U	2.7	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Benzo(a)anthracene	10.2 U	2.7	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Benzo(k)fluoranthene	10.2 U	3	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Benzoic acid	65.2 UJ	15.2	65.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Bis (2-chloroethoxy) methane	10.2 U	3.6	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Bis (2-chloroethyl) ether	10.2 U	3.1	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Bis (2-ethylhexyl) phthalate	10.2 U	4.5	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Butyl benzylphthalate	20.5 U	3.1	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	Chrysene	10.2 U	3	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Dibenzo (a,h) anthracene	10.2 U	1.2	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Dibenzofuran	10.2 U	2.8	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Diethyl phthalate	10.2 U	2.9	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Dimethyl phthalate	10.2 U	3.1	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Di-n-butylphthalate	20.5 U	0.88	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	Di-n-octylphthalate	20.5 U	1.1	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	Fluoranthene	20.5 U	2.9	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	Fluorene	10.2 U	3	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Hexachlorobenzene	10.2 U	0.42	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Hexachlorobutadiene	10.2 U	2.6	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Hexachlorocyclopentadiene	10.2 U	0.84	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Hexachloroethane	10.2 U	2.7	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Indeno(1,2,3-cd)pyrene	10.2 U	1.6	10.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8270C								
	ST106-GW-VA2-14012010	WATER	N	Naphthalene	10.2 U	2.9	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Nitrobenzene	20.5 U	1	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	n-Nitrosodi-n-propylamine	20.5 U	3.1	20.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	n-Nitrosodiphenylamine	10.2 U	3.5	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Pentachlorophenol	61.5 U	1.4	61.5	UG/L
	ST106-GW-VA2-14012010	WATER	N	Phenanthrene	10.2 U	2.9	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Phenol	10.2 UJ	1.7	10.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Pyrene	10.2 U	1.2	10.2	UG/L
SW8310								
	ST106-FD-10613-15102009	WATER	FD	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Acenaphthene	1 U	0.034	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Benzo(k)fluoranthene	0.15 UJ	0.076	0.15	UG/L
	ST106-FD-10613-15102009	WATER	FD	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-FD-10613-15102009	WATER	FD	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-FD-10613-15102009	WATER	FD	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-FD-10613-15102009	WATER	FD	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-FD-10613-15102009	WATER	FD	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-FD-10613-15102009	WATER	FD	Naphthalene	0.28 J	0.043	1	UG/L
	ST106-FD-10613-15102009	WATER	FD	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-FD-10613-15102009	WATER	FD	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-FD-10617-27012010	WATER	FD	1-Methylnaphthalene	0.059 J	0.034	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	2-Methylnaphthalene	1 UJ	0.07	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Acenaphthene	1 UJ	0.034	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Acenaphthylene	1 UJ	0.029	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Anthracene	0.31 UJ	0.012	0.31	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzo (a) pyrene	0.21 UJ	0.034	0.21	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzo (b) fluoranthene	0.21 UJ	0.033	0.21	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzo (g,h,i) perylene	0.21 UJ	0.03	0.21	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzo(a)anthracene	0.21 UJ	0.031	0.21	UG/L
	ST106-FD-10617-27012010	WATER	FD	Benzo(k)fluoranthene	0.15 UJ	0.076	0.15	UG/L
	ST106-FD-10617-27012010	WATER	FD	Chrysene	0.21 UJ	0.09	0.21	UG/L
	ST106-FD-10617-27012010	WATER	FD	Dibenzo (a,h) anthracene	0.22 J	0.037	0.31	UG/L
	ST106-FD-10617-27012010	WATER	FD	Fluoranthene	0.41 UJ	0.036	0.41	UG/L
	ST106-FD-10617-27012010	WATER	FD	Fluorene	0.31 UJ	0.02	0.31	UG/L
	ST106-FD-10617-27012010	WATER	FD	Indeno(1,2,3-cd)pyrene	0.21 UJ	0.021	0.21	UG/L
	ST106-FD-10617-27012010	WATER	FD	Naphthalene	1 UJ	0.043	1	UG/L
	ST106-FD-10617-27012010	WATER	FD	Phenanthrene	0.31 UJ	0.04	0.31	UG/L
	ST106-FD-10617-27012010	WATER	FD	Pyrene	0.21 UJ	0.039	0.21	UG/L
	ST106-FD-10622-13102009	WATER	FD	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	2-Methylnaphthalene	1 U	0.069	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-FD-10622-13102009	WATER	FD	Acenaphthene	1 U	0.034	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Benzo(k)fluoranthene	0.15 UJ	0.076	0.15	UG/L
	ST106-FD-10622-13102009	WATER	FD	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-FD-10622-13102009	WATER	FD	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-FD-10622-13102009	WATER	FD	Fluorene	0.38	0.019	0.31	UG/L
	ST106-FD-10622-13102009	WATER	FD	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-FD-10622-13102009	WATER	FD	Naphthalene	0.2 J	0.043	1	UG/L
	ST106-FD-10622-13102009	WATER	FD	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-FD-10622-13102009	WATER	FD	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-FD-10623-21012010	WATER	FD	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	2-Methylnaphthalene	1 U	0.071	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Acenaphthene	1 U	0.034	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-FD-10623-21012010	WATER	FD	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-FD-10623-21012010	WATER	FD	Benzo(k)fluoranthene	0.15 U	0.077	0.15	UG/L
	ST106-FD-10623-21012010	WATER	FD	Chrysene	0.21 U	0.091	0.21	UG/L
	ST106-FD-10623-21012010	WATER	FD	Dibenzo (a,h) anthracene	0.31 U	0.038	0.31	UG/L
	ST106-FD-10623-21012010	WATER	FD	Fluoranthene	0.42 U	0.036	0.42	UG/L
	ST106-FD-10623-21012010	WATER	FD	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-FD-10623-21012010	WATER	FD	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-FD-10623-21012010	WATER	FD	Naphthalene	1 U	0.044	1	UG/L
	ST106-FD-10623-21012010	WATER	FD	Phenanthrene	0.31 U	0.041	0.31	UG/L
	ST106-FD-10623-21012010	WATER	FD	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-FD-1064-13012010	WATER	FD	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Acenaphthene	1 U	0.034	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-FD-1064-13012010	WATER	FD	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-FD-1064-13012010	WATER	FD	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-FD-1064-13012010	WATER	FD	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-FD-1064-13012010	WATER	FD	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-FD-1064-13012010	WATER	FD	Naphthalene	1 U	0.043	1	UG/L
	ST106-FD-1064-13012010	WATER	FD	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-FD-1064-13012010	WATER	FD	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10611-09102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10611-09102009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-10611-09102009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-10611-09102009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10611-09102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10611-09102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10611-09102009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-10611-09102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10611-09102009	WATER	N	Naphthalene	0.05 J	0.043	1	UG/L
	ST106-GW-10611-09102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10611-09102009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10611-11012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10611-11012010	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-10611-11012010	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10611-11012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10611-11012010	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-10611-11012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10611-11012010	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-10611-11012010	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-10611-11012010	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-1061-12102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1061-12102009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1061-12102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-1061-12102009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-1061-12102009	WATER	N	Chrysene	0.21 U	0.09	0.21	UG/L
	ST106-GW-1061-12102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-1061-12102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1061-12102009	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-1061-12102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-1061-12102009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-1061-12102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-1061-12102009	WATER	N	Pyrene	0.21 U	0.039	0.21	UG/L
	ST106-GW-1061-13012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1061-13012010	WATER	N	2-Methylnaphthalene	1 U	0.071	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-1061-13012010	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-1061-13012010	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L
	ST106-GW-1061-13012010	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-1061-13012010	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1061-13012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.077	0.15	UG/L
	ST106-GW-1061-13012010	WATER	N	Chrysene	0.21 U	0.091	0.21	UG/L
	ST106-GW-1061-13012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.038	0.31	UG/L
	ST106-GW-1061-13012010	WATER	N	Fluoranthene	0.42 U	0.036	0.42	UG/L
	ST106-GW-1061-13012010	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-1061-13012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-1061-13012010	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-1061-13012010	WATER	N	Phenanthrene	0.31 U	0.041	0.31	UG/L
	ST106-GW-1061-13012010	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-10612-09102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10612-09102009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-10612-09102009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10612-09102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10612-09102009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10612-09102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10612-09102009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-10612-09102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-10612-09102009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10612-12012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10612-12012010	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Anthracene	0.3 U	0.012	0.3	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.032	0.2	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.029	0.2	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzo(a)anthracene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10612-12012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.075	0.15	UG/L
	ST106-GW-10612-12012010	WATER	N	Chrysene	0.2 U	0.088	0.2	UG/L
	ST106-GW-10612-12012010	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.036	0.3	UG/L
	ST106-GW-10612-12012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10612-12012010	WATER	N	Fluorene	0.3 U	0.019	0.3	UG/L
	ST106-GW-10612-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10612-12012010	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-10612-12012010	WATER	N	Phenanthrene	0.3 U	0.04	0.3	UG/L
	ST106-GW-10612-12012010	WATER	N	Pyrene	0.2 U	0.038	0.2	UG/L
	ST106-GW-10613-15102009	WATER	N	1-Methylnaphthalene	2.8	0.034	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10613-15102009	WATER	N	2-Methylnaphthalene	0.98 J	0.069	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Acenaphthene	0.21 J	0.034	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Anthracene	0.092 J	0.012	0.31	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Benzo(k)fluoranthene	0.15 UJ	0.076	0.15	UG/L
	ST106-GW-10613-15102009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10613-15102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10613-15102009	WATER	N	Fluorene	0.42	0.019	0.31	UG/L
	ST106-GW-10613-15102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10613-15102009	WATER	N	Naphthalene	1.1	0.043	1	UG/L
	ST106-GW-10613-15102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-10613-15102009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10613-26012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10613-26012010	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Anthracene	0.3 U	0.012	0.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10613-26012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.032	0.2	UG/L
	ST106-GW-10613-26012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.029	0.2	UG/L
	ST106-GW-10613-26012010	WATER	N	Benzo(a)anthracene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10613-26012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.075	0.15	UG/L
	ST106-GW-10613-26012010	WATER	N	Chrysene	0.2 U	0.088	0.2	UG/L
	ST106-GW-10613-26012010	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.036	0.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10613-26012010	WATER	N	Fluorene	0.3 U	0.019	0.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10613-26012010	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-10613-26012010	WATER	N	Phenanthrene	0.3 U	0.04	0.3	UG/L
	ST106-GW-10613-26012010	WATER	N	Pyrene	0.2 U	0.038	0.2	UG/L
	ST106-GW-10615-09102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10615-09102009	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Anthracene	0.3 U	0.012	0.3	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.032	0.2	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.029	0.2	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzo(a)anthracene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10615-09102009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.075	0.15	UG/L
	ST106-GW-10615-09102009	WATER	N	Chrysene	0.2 U	0.088	0.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10615-09102009	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.036	0.3	UG/L
	ST106-GW-10615-09102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10615-09102009	WATER	N	Fluorene	0.3 U	0.019	0.3	UG/L
	ST106-GW-10615-09102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10615-09102009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-10615-09102009	WATER	N	Phenanthrene	0.3 U	0.04	0.3	UG/L
	ST106-GW-10615-09102009	WATER	N	Pyrene	0.2 U	0.038	0.2	UG/L
	ST106-GW-10615-12012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10615-12012010	WATER	N	2-Methylnaphthalene	1 U	0.071	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10615-12012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-10615-12012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.077	0.15	UG/L
	ST106-GW-10615-12012010	WATER	N	Chrysene	0.21 U	0.091	0.21	UG/L
	ST106-GW-10615-12012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.038	0.31	UG/L
	ST106-GW-10615-12012010	WATER	N	Fluoranthene	0.42 U	0.036	0.42	UG/L
	ST106-GW-10615-12012010	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-10615-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10615-12012010	WATER	N	Naphthalene	1 U	0.044	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10615-12012010	WATER	N	Phenanthrene	0.31 U	0.041	0.31	UG/L
	ST106-GW-10615-12012010	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-10616-09102009	WATER	N	1-Methylnaphthalene	1.1 U	0.037	1.1	UG/L
	ST106-GW-10616-09102009	WATER	N	2-Methylnaphthalene	1.1 U	0.077	1.1	UG/L
	ST106-GW-10616-09102009	WATER	N	Acenaphthene	1.1 U	0.037	1.1	UG/L
	ST106-GW-10616-09102009	WATER	N	Acenaphthylene	1.1 U	0.032	1.1	UG/L
	ST106-GW-10616-09102009	WATER	N	Anthracene	0.34 U	0.014	0.34	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzo (a) pyrene	0.22 U	0.037	0.22	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzo (b) fluoranthene	0.22 U	0.036	0.22	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzo (g,h,i) perylene	0.22 U	0.033	0.22	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzo(a)anthracene	0.22 U	0.034	0.22	UG/L
	ST106-GW-10616-09102009	WATER	N	Benzo(k)fluoranthene	0.17 U	0.084	0.17	UG/L
	ST106-GW-10616-09102009	WATER	N	Chrysene	0.22 U	0.098	0.22	UG/L
	ST106-GW-10616-09102009	WATER	N	Dibenzo (a,h) anthracene	0.34 U	0.041	0.34	UG/L
	ST106-GW-10616-09102009	WATER	N	Fluoranthene	0.45 U	0.04	0.45	UG/L
	ST106-GW-10616-09102009	WATER	N	Fluorene	0.34 U	0.021	0.34	UG/L
	ST106-GW-10616-09102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.22 U	0.022	0.22	UG/L
	ST106-GW-10616-09102009	WATER	N	Naphthalene	1.1 U	0.047	1.1	UG/L
	ST106-GW-10616-09102009	WATER	N	Phenanthrene	0.34 U	0.044	0.34	UG/L
	ST106-GW-10616-09102009	WATER	N	Pyrene	0.22 U	0.043	0.22	UG/L
	ST106-GW-10616-12012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10616-12012010	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10616-12012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-10616-12012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-10616-12012010	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10616-12012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10616-12012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10616-12012010	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-10616-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10616-12012010	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-10616-12012010	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-10616-12012010	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10617-16102009	WATER	N	1-Methylnaphthalene	0.057 J	0.033	1	UG/L
	ST106-GW-10617-16102009	WATER	N	2-Methylnaphthalene	1 U	0.068	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Acenaphthene	1 U	0.033	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Anthracene	0.3 U	0.012	0.3	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzo (a) pyrene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.032	0.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.029	0.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10617-16102009	WATER	N	Benzo(a)anthracene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Benzo(k)fluoranthene	0.15 UJ	0.074	0.15	UG/L
	ST106-GW-10617-16102009	WATER	N	Chrysene	0.2 U	0.087	0.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.036	0.3	UG/L
	ST106-GW-10617-16102009	WATER	N	Fluoranthene	0.4 U	0.035	0.4	UG/L
	ST106-GW-10617-16102009	WATER	N	Fluorene	0.3 U	0.019	0.3	UG/L
	ST106-GW-10617-16102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10617-16102009	WATER	N	Naphthalene	0.17 J	0.042	1	UG/L
	ST106-GW-10617-16102009	WATER	N	Phenanthrene	0.3 U	0.039	0.3	UG/L
	ST106-GW-10617-16102009	WATER	N	Pyrene	0.2 U	0.038	0.2	UG/L
	ST106-GW-10617-27012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10617-27012010	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-10617-27012010	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10617-27012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10617-27012010	WATER	N	Fluorene	0.055 J	0.019	0.31	UG/L
	ST106-GW-10617-27012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10617-27012010	WATER	N	Naphthalene	0.099 J	0.043	1	UG/L
	ST106-GW-10617-27012010	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-10617-27012010	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10618-19012010	WATER	N	1-Methylnaphthalene	17.1	0.033	1	UG/L
	ST106-GW-10618-19012010	WATER	N	2-Methylnaphthalene	22.6	0.068	1	UG/L
	ST106-GW-10618-19012010	WATER	N	Acenaphthene	1 U	0.033	1	UG/L
	ST106-GW-10618-19012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10618-19012010	WATER	N	Anthracene	0.3 U	0.012	0.3	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzo (a) pyrene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzo (b) fluoranthene	0.2 UJ	0.032	0.2	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.029	0.2	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzo(a)anthracene	0.2 UJ	0.03	0.2	UG/L
	ST106-GW-10618-19012010	WATER	N	Benzo(k)fluoranthene	0.15 UJ	0.074	0.15	UG/L
	ST106-GW-10618-19012010	WATER	N	Chrysene	0.2 U	0.087	0.2	UG/L
	ST106-GW-10618-19012010	WATER	N	Dibenzo (a,h) anthracene	0.3 UJ	0.036	0.3	UG/L
	ST106-GW-10618-19012010	WATER	N	Fluoranthene	0.4 U	0.035	0.4	UG/L
	ST106-GW-10618-19012010	WATER	N	Fluorene	2.9	0.019	0.3	UG/L
	ST106-GW-10618-19012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10618-19012010	WATER	N	Naphthalene	46.6 J	0.21	5	UG/L
	ST106-GW-10618-19012010	WATER	N	Phenanthrene	0.3 U	0.039	0.3	UG/L
	ST106-GW-10618-19012010	WATER	N	Pyrene	0.2 UJ	0.038	0.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10619-15102009	WATER	N	1-Methylnaphthalene	0.12 J	0.034	1	UG/L
	ST106-GW-10619-15102009	WATER	N	2-Methylnaphthalene	0.08 J	0.069	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Benzo(k)fluoranthene	0.15 UJ	0.076	0.15	UG/L
	ST106-GW-10619-15102009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10619-15102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10619-15102009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-10619-15102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10619-15102009	WATER	N	Naphthalene	0.2 J	0.043	1	UG/L
	ST106-GW-10619-15102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-10619-15102009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10619-18012010	WATER	N	1-Methylnaphthalene	0.04 J	0.033	1	UG/L
	ST106-GW-10619-18012010	WATER	N	2-Methylnaphthalene	1 U	0.068	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Acenaphthene	1 U	0.033	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Anthracene	0.3 U	0.012	0.3	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10619-18012010	WATER	N	Benzo (a) pyrene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10619-18012010	WATER	N	Benzo (b) fluoranthene	0.2 UJ	0.032	0.2	UG/L
	ST106-GW-10619-18012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.029	0.2	UG/L
	ST106-GW-10619-18012010	WATER	N	Benzo(a)anthracene	0.2 UJ	0.03	0.2	UG/L
	ST106-GW-10619-18012010	WATER	N	Benzo(k)fluoranthene	0.15 UJ	0.074	0.15	UG/L
	ST106-GW-10619-18012010	WATER	N	Chrysene	0.2 U	0.087	0.2	UG/L
	ST106-GW-10619-18012010	WATER	N	Dibenzo (a,h) anthracene	1.1 J	0.036	0.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Fluoranthene	0.4 U	0.035	0.4	UG/L
	ST106-GW-10619-18012010	WATER	N	Fluorene	0.3 U	0.019	0.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10619-18012010	WATER	N	Naphthalene	1 UJ	0.042	1	UG/L
	ST106-GW-10619-18012010	WATER	N	Phenanthrene	0.3 U	0.039	0.3	UG/L
	ST106-GW-10619-18012010	WATER	N	Pyrene	0.2 UJ	0.038	0.2	UG/L
	ST106-GW-10620-16102009	WATER	N	1-Methylnaphthalene	1.1 U	0.037	1.1	UG/L
	ST106-GW-10620-16102009	WATER	N	2-Methylnaphthalene	1.1 U	0.076	1.1	UG/L
	ST106-GW-10620-16102009	WATER	N	Acenaphthene	1.1 U	0.037	1.1	UG/L
	ST106-GW-10620-16102009	WATER	N	Acenaphthylene	1.1 U	0.031	1.1	UG/L
	ST106-GW-10620-16102009	WATER	N	Anthracene	0.33 U	0.013	0.33	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzo (a) pyrene	0.22 U	0.037	0.22	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzo (b) fluoranthene	0.22 U	0.036	0.22	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzo (g,h,i) perylene	0.22 U	0.032	0.22	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzo(a)anthracene	0.22 U	0.033	0.22	UG/L
	ST106-GW-10620-16102009	WATER	N	Benzo(k)fluoranthene	0.16 UJ	0.082	0.16	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10620-16102009	WATER	N	Chrysene	0.22 U	0.097	0.22	UG/L
	ST106-GW-10620-16102009	WATER	N	Dibenzo (a,h) anthracene	0.33 U	0.04	0.33	UG/L
	ST106-GW-10620-16102009	WATER	N	Fluoranthene	0.44 U	0.039	0.44	UG/L
	ST106-GW-10620-16102009	WATER	N	Fluorene	0.33 U	0.021	0.33	UG/L
	ST106-GW-10620-16102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.22 U	0.022	0.22	UG/L
	ST106-GW-10620-16102009	WATER	N	Naphthalene	0.33 J	0.047	1.1	UG/L
	ST106-GW-10620-16102009	WATER	N	Phenanthrene	0.33 U	0.043	0.33	UG/L
	ST106-GW-10620-16102009	WATER	N	Pyrene	0.22 U	0.042	0.22	UG/L
	ST106-GW-10620-19012010	WATER	N	1-Methylnaphthalene	1 U	0.033	1	UG/L
	ST106-GW-10620-19012010	WATER	N	2-Methylnaphthalene	1 U	0.068	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Acenaphthene	1 U	0.033	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Anthracene	0.3 U	0.012	0.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzo (a) pyrene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzo (b) fluoranthene	0.2 UJ	0.032	0.2	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.029	0.2	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzo(a)anthracene	0.2 UJ	0.03	0.2	UG/L
	ST106-GW-10620-19012010	WATER	N	Benzo(k)fluoranthene	0.15 UJ	0.074	0.15	UG/L
	ST106-GW-10620-19012010	WATER	N	Chrysene	0.2 U	0.087	0.2	UG/L
	ST106-GW-10620-19012010	WATER	N	Dibenzo (a,h) anthracene	3.9 J	0.036	0.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Fluoranthene	0.4 U	0.035	0.4	UG/L
	ST106-GW-10620-19012010	WATER	N	Fluorene	0.3 U	0.019	0.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10620-19012010	WATER	N	Naphthalene	1 UJ	0.042	1	UG/L
	ST106-GW-10620-19012010	WATER	N	Phenanthrene	0.3 U	0.039	0.3	UG/L
	ST106-GW-10620-19012010	WATER	N	Pyrene	0.2 UJ	0.038	0.2	UG/L
	ST106-GW-10621-14102009	WATER	N	1-Methylnaphthalene	1 UJ	0.034	1	UG/L
	ST106-GW-10621-14102009	WATER	N	2-Methylnaphthalene	1 UJ	0.07	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Acenaphthene	1 UJ	0.034	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Acenaphthylene	1 UJ	0.029	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Anthracene	0.31 UJ	0.012	0.31	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzo (a) pyrene	0.2 UJ	0.034	0.2	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzo (b) fluoranthene	0.2 UJ	0.033	0.2	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzo (g,h,i) perylene	0.2 UJ	0.03	0.2	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzo(a)anthracene	0.2 UJ	0.031	0.2	UG/L
	ST106-GW-10621-14102009	WATER	N	Benzo(k)fluoranthene	0.15 UJ	0.076	0.15	UG/L
	ST106-GW-10621-14102009	WATER	N	Chrysene	0.2 UJ	0.089	0.2	UG/L
	ST106-GW-10621-14102009	WATER	N	Dibenzo (a,h) anthracene	0.31 UJ	0.037	0.31	UG/L
	ST106-GW-10621-14102009	WATER	N	Fluoranthene	0.41 UJ	0.036	0.41	UG/L
	ST106-GW-10621-14102009	WATER	N	Fluorene	0.3 J	0.019	0.31	UG/L
	ST106-GW-10621-14102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 UJ	0.02	0.2	UG/L
	ST106-GW-10621-14102009	WATER	N	Naphthalene	1 UJ	0.043	1	UG/L
	ST106-GW-10621-14102009	WATER	N	Phenanthrene	0.31 UJ	0.04	0.31	UG/L
	ST106-GW-10621-14102009	WATER	N	Pyrene	0.2 UJ	0.039	0.2	UG/L
	ST106-GW-10621-20012010	WATER	N	1-Methylnaphthalene	0.12 J	0.035	1	UG/L
	ST106-GW-10621-20012010	WATER	N	2-Methylnaphthalene	0.18 J	0.072	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10621-20012010	WATER	N	Acenaphthene	1 U	0.035	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-10621-20012010	WATER	N	Benzo(k)fluoranthene	0.16 U	0.078	0.16	UG/L
	ST106-GW-10621-20012010	WATER	N	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-10621-20012010	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-10621-20012010	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-10621-20012010	WATER	N	Fluorene	0.32 U	0.02	0.32	UG/L
	ST106-GW-10621-20012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10621-20012010	WATER	N	Naphthalene	0.36 J	0.044	1	UG/L
	ST106-GW-10621-20012010	WATER	N	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-10621-20012010	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-1062-12012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1062-12012010	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Anthracene	0.3 U	0.012	0.3	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.032	0.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1062-12012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.029	0.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzo(a)anthracene	0.2 U	0.03	0.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.075	0.15	UG/L
	ST106-GW-1062-12012010	WATER	N	Chrysene	0.2 U	0.088	0.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.036	0.3	UG/L
	ST106-GW-1062-12012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1062-12012010	WATER	N	Fluorene	0.3 U	0.019	0.3	UG/L
	ST106-GW-1062-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-1062-12012010	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-1062-12012010	WATER	N	Phenanthrene	0.3 U	0.04	0.3	UG/L
	ST106-GW-1062-12012010	WATER	N	Pyrene	0.2 U	0.038	0.2	UG/L
	ST106-GW-1062-12102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1062-12102009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-1062-12102009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.077	0.15	UG/L
	ST106-GW-1062-12102009	WATER	N	Chrysene	0.21 U	0.09	0.21	UG/L
	ST106-GW-1062-12102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1062-12102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1062-12102009	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-1062-12102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-1062-12102009	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-1062-12102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-1062-12102009	WATER	N	Pyrene	0.21 U	0.039	0.21	UG/L
	ST106-GW-10622-13102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10622-13102009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Benzo(k)fluoranthene	0.15 UJ	0.076	0.15	UG/L
	ST106-GW-10622-13102009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10622-13102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10622-13102009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-10622-13102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10622-13102009	WATER	N	Naphthalene	0.26 J	0.043	1	UG/L
	ST106-GW-10622-13102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10622-13102009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10622-20012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10622-20012010	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-10622-20012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-10622-20012010	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10622-20012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10622-20012010	WATER	N	Fluoranthene	0.08 J	0.036	0.41	UG/L
	ST106-GW-10622-20012010	WATER	N	Fluorene	0.24 J	0.019	0.31	UG/L
	ST106-GW-10622-20012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10622-20012010	WATER	N	Naphthalene	0.2 J	0.043	1	UG/L
	ST106-GW-10622-20012010	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-10622-20012010	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10623-13102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-10623-13102009	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10623-13102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Benzo(k)fluoranthene	0.15 UJ	0.076	0.15	UG/L
	ST106-GW-10623-13102009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10623-13102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10623-13102009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-10623-13102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10623-13102009	WATER	N	Naphthalene	0.12 J	0.043	1	UG/L
	ST106-GW-10623-13102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-10623-13102009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10623-21012010	WATER	N	1-Methylnaphthalene	1 U	0.035	1	UG/L
	ST106-GW-10623-21012010	WATER	N	2-Methylnaphthalene	1 U	0.072	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Acenaphthene	1 U	0.035	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-10623-21012010	WATER	N	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-10623-21012010	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10623-21012010	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-10623-21012010	WATER	N	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10623-21012010	WATER	N	Benzo(k)fluoranthene	0.16 UJ	0.078	0.16	UG/L
	ST106-GW-10623-21012010	WATER	N	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-10623-21012010	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-10623-21012010	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-10623-21012010	WATER	N	Fluorene	0.32 U	0.02	0.32	UG/L
	ST106-GW-10623-21012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10623-21012010	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-10623-21012010	WATER	N	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-10623-21012010	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-10624-19102009	WATER	N	1-Methylnaphthalene	1 U	0.035	1	UG/L
	ST106-GW-10624-19102009	WATER	N	2-Methylnaphthalene	1 U	0.072	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Acenaphthene	1 U	0.035	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-10624-19102009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.078	0.16	UG/L
	ST106-GW-10624-19102009	WATER	N	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-10624-19102009	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-10624-19102009	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-10624-19102009	WATER	N	Fluorene	0.32 U	0.02	0.32	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10624-19102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10624-19102009	WATER	N	Naphthalene	0.2 J	0.044	1	UG/L
	ST106-GW-10624-19102009	WATER	N	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-10624-19102009	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-10624-22012010	WATER	N	1-Methylnaphthalene	0.083 J	0.034	1	UG/L
	ST106-GW-10624-22012010	WATER	N	2-Methylnaphthalene	0.12 J	0.07	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-10624-22012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-10624-22012010	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-10624-22012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-10624-22012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-10624-22012010	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-10624-22012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-10624-22012010	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-10624-22012010	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-10624-22012010	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-10625-21012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-10625-21012010	WATER	N	2-Methylnaphthalene	1 U	0.071	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-10625-21012010	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10625-21012010	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-10625-21012010	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-10625-21012010	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-10625-21012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.077	0.15	UG/L
	ST106-GW-10625-21012010	WATER	N	Chrysene	0.21 U	0.091	0.21	UG/L
	ST106-GW-10625-21012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.038	0.31	UG/L
	ST106-GW-10625-21012010	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-10625-21012010	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-10625-21012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-10625-21012010	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-10625-21012010	WATER	N	Phenanthrene	0.31 U	0.041	0.31	UG/L
	ST106-GW-10625-21012010	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-1063-13012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1063-13012010	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1063-13012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-1063-13012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-1063-13012010	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-1063-13012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-1063-13012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1063-13012010	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-1063-13012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-1063-13012010	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-1063-13012010	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-1063-13012010	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-1063-19102009	WATER	N	1-Methylnaphthalene	1 U	0.035	1	UG/L
	ST106-GW-1063-19102009	WATER	N	2-Methylnaphthalene	1 U	0.072	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Acenaphthene	1 U	0.035	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-1063-19102009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.078	0.16	UG/L
	ST106-GW-1063-19102009	WATER	N	Chrysene	0.21 U	0.092	0.21	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1063-19102009	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-1063-19102009	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-1063-19102009	WATER	N	Fluorene	0.32 U	0.02	0.32	UG/L
	ST106-GW-1063-19102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-1063-19102009	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-1063-19102009	WATER	N	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-1063-19102009	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-1064-12102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1064-12102009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-1064-12102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-1064-12102009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-1064-12102009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-1064-12102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-1064-12102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1064-12102009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-1064-12102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-1064-12102009	WATER	N	Naphthalene	1 U	0.043	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1064-12102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-1064-12102009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-1064-13012010	WATER	N	1-Methylnaphthalene	0.94 U	0.031	0.94	UG/L
	ST106-GW-1064-13012010	WATER	N	2-Methylnaphthalene	0.94 U	0.064	0.94	UG/L
	ST106-GW-1064-13012010	WATER	N	Acenaphthene	0.94 U	0.031	0.94	UG/L
	ST106-GW-1064-13012010	WATER	N	Acenaphthylene	0.94 U	0.026	0.94	UG/L
	ST106-GW-1064-13012010	WATER	N	Anthracene	0.28 U	0.011	0.28	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzo (a) pyrene	0.19 U	0.031	0.19	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzo (b) fluoranthene	0.19 U	0.03	0.19	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzo (g,h,i) perylene	0.19 U	0.027	0.19	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzo(a)anthracene	0.19 U	0.028	0.19	UG/L
	ST106-GW-1064-13012010	WATER	N	Benzo(k)fluoranthene	0.14 U	0.07	0.14	UG/L
	ST106-GW-1064-13012010	WATER	N	Chrysene	0.19 U	0.082	0.19	UG/L
	ST106-GW-1064-13012010	WATER	N	Dibenzo (a,h) anthracene	0.28 U	0.034	0.28	UG/L
	ST106-GW-1064-13012010	WATER	N	Fluoranthene	0.38 U	0.033	0.38	UG/L
	ST106-GW-1064-13012010	WATER	N	Fluorene	0.28 U	0.018	0.28	UG/L
	ST106-GW-1064-13012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.19 U	0.019	0.19	UG/L
	ST106-GW-1064-13012010	WATER	N	Naphthalene	0.94 U	0.04	0.94	UG/L
	ST106-GW-1064-13012010	WATER	N	Phenanthrene	0.28 U	0.037	0.28	UG/L
	ST106-GW-1064-13012010	WATER	N	Pyrene	0.19 U	0.036	0.19	UG/L
	ST106-GW-1067-09102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1067-09102009	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1067-09102009	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Anthracene	0.3 U	0.012	0.3	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.032	0.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.029	0.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzo(a)anthracene	0.2 U	0.03	0.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.075	0.15	UG/L
	ST106-GW-1067-09102009	WATER	N	Chrysene	0.2 U	0.088	0.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Dibenzo (a,h) anthracene	0.3 U	0.036	0.3	UG/L
	ST106-GW-1067-09102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1067-09102009	WATER	N	Fluorene	0.3 U	0.019	0.3	UG/L
	ST106-GW-1067-09102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-1067-09102009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-1067-09102009	WATER	N	Phenanthrene	0.3 U	0.04	0.3	UG/L
	ST106-GW-1067-09102009	WATER	N	Pyrene	0.2 U	0.038	0.2	UG/L
	ST106-GW-1067-11012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-1067-11012010	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-1067-11012010	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-1067-11012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-1067-11012010	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-1067-11012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-1067-11012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-1067-11012010	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-1067-11012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-1067-11012010	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-1067-11012010	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-1067-11012010	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-2819RC-08102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.077	0.15	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Chrysene	0.21 U	0.09	0.21	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-2819RC-08102009	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-2819RC-08102009	WATER	N	Pyrene	0.21 U	0.039	0.21	UG/L
	ST106-GW-2819RC-13012010	WATER	N	1-Methylnaphthalene	1 UJ	0.034	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	2-Methylnaphthalene	1 UJ	0.07	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Acenaphthene	1 UJ	0.034	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Acenaphthylene	1 UJ	0.029	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Anthracene	0.31 UJ	0.012	0.31	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzo (a) pyrene	0.21 UJ	0.034	0.21	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzo (b) fluoranthene	0.21 UJ	0.033	0.21	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzo (g,h,i) perylene	0.21 UJ	0.03	0.21	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzo(a)anthracene	0.21 UJ	0.031	0.21	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Benzo(k)fluoranthene	0.15 UJ	0.077	0.15	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Chrysene	0.21 UJ	0.09	0.21	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Dibenzo (a,h) anthracene	0.31 UJ	0.037	0.31	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Fluoranthene	0.41 UJ	0.036	0.41	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Fluorene	0.31 UJ	0.02	0.31	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Naphthalene	1 UJ	0.044	1	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Phenanthrene	0.31 UJ	0.04	0.31	UG/L
	ST106-GW-2819RC-13012010	WATER	N	Pyrene	0.21 UJ	0.039	0.21	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-3411-12102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-3411-12102009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-3411-12102009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-3411-12102009	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-3411-12102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-3411-12102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-3411-12102009	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-3411-12102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-3411-12102009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-3411-12102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-3411-12102009	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-3411-14012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-3411-14012010	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-3411-14012010	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-3411-14012010	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L
	ST106-GW-3411-14012010	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-3411-14012010	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-3411-14012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-3411-14012010	WATER	N	Chrysene	0.21 U	0.09	0.21	UG/L
	ST106-GW-3411-14012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-3411-14012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-3411-14012010	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-3411-14012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-3411-14012010	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-3411-14012010	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-3411-14012010	WATER	N	Pyrene	0.21 U	0.039	0.21	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	1-Methylnaphthalene	1 SU	0.034	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	2-Methylnaphthalene	1 SU	0.07	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Acenaphthene	1 SU	0.034	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Acenaphthylene	1 SU	0.029	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Anthracene	0.31 SU	0.012	0.31	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzo (a) pyrene	0.21 SU	0.034	0.21	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzo (b) fluoranthene	0.21 SU	0.033	0.21	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzo (g,h,i) perylene	0.21 SU	0.03	0.21	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzo(a)anthracene	0.21 SU	0.031	0.21	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Benzo(k)fluoranthene	0.15 SU	0.076	0.15	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-IDWTANK-19102009	WATER	N	Chrysene	0.21 SU	0.09	0.21	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Dibenzo (a,h) anthracene	0.31 SU	0.037	0.31	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Fluoranthene	0.41 SU	0.036	0.41	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Fluorene	0.31 SU	0.02	0.31	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 SU	0.021	0.21	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Naphthalene	0.15 SJ	0.043	1	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Phenanthrene	0.31 SU	0.04	0.31	UG/L
	ST106-GW-IDWTANK-19102009	WATER	N	Pyrene	0.21 SU	0.039	0.21	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	1-Methylnaphthalene	0.37 SJ	0.038	1.1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	2-Methylnaphthalene	0.42 SJ	0.077	1.1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Acenaphthene	1.1 SU	0.038	1.1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Acenaphthylene	1.1 SU	0.032	1.1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Anthracene	0.34 SU	0.014	0.34	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzo (a) pyrene	0.087 SJ	0.038	0.23	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzo (b) fluoranthene	0.23 SU	0.036	0.23	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzo (g,h,i) perylene	0.13 SJ	0.033	0.23	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzo(a)anthracene	0.099 SJ	0.034	0.23	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Benzo(k)fluoranthene	0.17 SU	0.084	0.17	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Chrysene	0.23 SU	0.099	0.23	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Dibenzo (a,h) anthracene	0.37 S	0.041	0.34	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Fluoranthene	0.16 SJ	0.04	0.45	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Fluorene	0.091 SJ	0.022	0.34	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.23 U	0.023	0.23	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-IDWtank-28012010	WATER	N	Naphthalene	1.1 S	0.048	1.1	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Phenanthrene	0.15 SJ	0.044	0.34	UG/L
	ST106-GW-IDWtank-28012010	WATER	N	Pyrene	0.13 SJ	0.043	0.23	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	1-Methylnaphthalene	1.1 U	0.036	1.1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	2-Methylnaphthalene	1.1 U	0.075	1.1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Acenaphthene	1.1 U	0.036	1.1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Acenaphthylene	1.1 U	0.031	1.1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Anthracene	0.33 U	0.013	0.33	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzo (a) pyrene	0.22 U	0.036	0.22	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzo (b) fluoranthene	0.22 U	0.035	0.22	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzo (g,h,i) perylene	0.22 U	0.032	0.22	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzo(a)anthracene	0.22 U	0.033	0.22	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.081	0.16	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Chrysene	0.22 U	0.096	0.22	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Dibenzo (a,h) anthracene	0.33 U	0.04	0.33	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Fluoranthene	0.44 U	0.038	0.44	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Fluorene	0.33 U	0.021	0.33	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.22 U	0.022	0.22	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Naphthalene	1.1 U	0.046	1.1	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Phenanthrene	0.33 U	0.043	0.33	UG/L
	ST106-GW-KAFB03-08102009	WATER	N	Pyrene	0.22 U	0.042	0.22	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	1-Methylnaphthalene	1 U	0.035	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	2-Methylnaphthalene	1 U	0.072	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB03-12012010	WATER	N	Acenaphthene	1 U	0.035	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Benzo(k)fluoranthene	0.16 U	0.078	0.16	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Fluorene	0.32 U	0.02	0.32	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-KAFB03-12012010	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	2-Methylnaphthalene	1 U	0.071	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB15-08102009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.077	0.15	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Chrysene	0.21 U	0.091	0.21	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.038	0.31	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Fluoranthene	0.42 U	0.036	0.42	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Phenanthrene	0.31 U	0.041	0.31	UG/L
	ST106-GW-KAFB15-08102009	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	1-Methylnaphthalene	0.95 U	0.031	0.95	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	2-Methylnaphthalene	0.071 J	0.064	0.95	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Acenaphthene	0.95 U	0.031	0.95	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Acenaphthylene	0.95 U	0.026	0.95	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Anthracene	0.28 U	0.011	0.28	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzo (a) pyrene	0.19 U	0.031	0.19	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzo (b) fluoranthene	0.19 U	0.03	0.19	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzo (g,h,i) perylene	0.19 U	0.027	0.19	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzo(a)anthracene	0.19 U	0.028	0.19	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Benzo(k)fluoranthene	0.14 U	0.07	0.14	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Chrysene	0.19 U	0.082	0.19	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Dibenzo (a,h) anthracene	0.28 U	0.034	0.28	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB15-12012010	WATER	N	Fluoranthene	0.38 U	0.033	0.38	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Fluorene	0.28 U	0.018	0.28	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.19 U	0.019	0.19	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Naphthalene	0.95 U	0.04	0.95	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Phenanthrene	0.28 U	0.037	0.28	UG/L
	ST106-GW-KAFB15-12012010	WATER	N	Pyrene	0.19 U	0.036	0.19	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzo (a) pyrene	0.21 U	0.034	0.21	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.033	0.21	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzo(a)anthracene	0.21 U	0.031	0.21	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Chrysene	0.21 U	0.09	0.21	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Fluorene	0.31 U	0.02	0.31	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-KAFB16-08102009	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-KAFB16-08102009	WATER	N	Pyrene	0.21 U	0.039	0.21	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	2-Methylnaphthalene	1 U	0.07	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-KAFB16-12012010	WATER	N	Pyrene	0.2 U	0.039	0.2	UG/L
	ST106-GW-VA-08102009	WATER	N	1-Methylnaphthalene	1 U	0.035	1	UG/L
	ST106-GW-VA-08102009	WATER	N	2-Methylnaphthalene	1 U	0.072	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Acenaphthene	1 U	0.035	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Acenaphthylene	1 U	0.029	1	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-VA-08102009	WATER	N	Anthracene	0.32 U	0.013	0.32	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzo (a) pyrene	0.21 U	0.035	0.21	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzo (b) fluoranthene	0.21 U	0.034	0.21	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzo (g,h,i) perylene	0.21 U	0.03	0.21	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzo(a)anthracene	0.21 U	0.032	0.21	UG/L
	ST106-GW-VA-08102009	WATER	N	Benzo(k)fluoranthene	0.16 U	0.078	0.16	UG/L
	ST106-GW-VA-08102009	WATER	N	Chrysene	0.21 U	0.092	0.21	UG/L
	ST106-GW-VA-08102009	WATER	N	Dibenzo (a,h) anthracene	0.32 U	0.038	0.32	UG/L
	ST106-GW-VA-08102009	WATER	N	Fluoranthene	0.42 U	0.037	0.42	UG/L
	ST106-GW-VA-08102009	WATER	N	Fluorene	0.32 U	0.02	0.32	UG/L
	ST106-GW-VA-08102009	WATER	N	Indeno(1,2,3-cd)pyrene	0.21 U	0.021	0.21	UG/L
	ST106-GW-VA-08102009	WATER	N	Naphthalene	1 U	0.044	1	UG/L
	ST106-GW-VA-08102009	WATER	N	Phenanthrene	0.32 U	0.041	0.32	UG/L
	ST106-GW-VA-08102009	WATER	N	Pyrene	0.21 U	0.04	0.21	UG/L
	ST106-GW-VA2-14012010	WATER	N	1-Methylnaphthalene	1 U	0.034	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	2-Methylnaphthalene	1 U	0.069	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Acenaphthene	1 U	0.034	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Acenaphthylene	1 U	0.028	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Anthracene	0.31 U	0.012	0.31	UG/L
	ST106-GW-VA2-14012010	WATER	N	Benzo (a) pyrene	0.2 U	0.034	0.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Benzo (b) fluoranthene	0.2 U	0.033	0.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Benzo (g,h,i) perylene	0.2 U	0.03	0.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Benzo(a)anthracene	0.2 U	0.031	0.2	UG/L

Table B-4. Summary of Groundwater Analytical Results for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8310								
	ST106-GW-VA2-14012010	WATER	N	Benzo(k)fluoranthene	0.15 U	0.076	0.15	UG/L
	ST106-GW-VA2-14012010	WATER	N	Chrysene	0.2 U	0.089	0.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Dibenzo (a,h) anthracene	0.31 U	0.037	0.31	UG/L
	ST106-GW-VA2-14012010	WATER	N	Fluoranthene	0.41 U	0.036	0.41	UG/L
	ST106-GW-VA2-14012010	WATER	N	Fluorene	0.31 U	0.019	0.31	UG/L
	ST106-GW-VA2-14012010	WATER	N	Indeno(1,2,3-cd)pyrene	0.2 U	0.02	0.2	UG/L
	ST106-GW-VA2-14012010	WATER	N	Naphthalene	1 U	0.043	1	UG/L
	ST106-GW-VA2-14012010	WATER	N	Phenanthrene	0.31 U	0.04	0.31	UG/L
	ST106-GW-VA2-14012010	WATER	N	Pyrene	0.2 U	0.039	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 B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
E300	ST106-GW-10624-19102009	WATER	N	2 Days - A	10/19/2009		10/21/2009
	ST106-GW-1063-19102009	WATER	N	Days - E	10/19/2009		10/21/2009
	ST106-GW-1063-19102009	WATER	N	4 Days - A	10/19/2009		10/23/2009
	ST106-GW-IDWTANK-19102009	WATER	N	2 Days - A	10/19/2009		10/21/2009
	ST106-GW-IDWTANK-19102009	WATER	N	Days - E	10/19/2009		10/21/2009
	ST106-FD-10613-15102009	WATER	FD	13 Days - A	10/15/2009		10/28/2009
	ST106-FD-10613-15102009	WATER	FD	Days - E	10/15/2009		10/17/2009
	ST106-FD-10617-27012010	WATER	FD	3 Days - A	1/27/2010		1/30/2010
	ST106-FD-10622-13102009	WATER	FD	13 Days - A	10/13/2009		10/26/2009
	ST106-FD-10622-13102009	WATER	FD	Days - E	10/13/2009		10/16/2009
	ST106-FD-10623-21012010	WATER	FD	2 Days - A	1/21/2010		1/23/2010
	ST106-FD-1064-13012010	WATER	FD	5 Days - A	1/13/2010		1/18/2010
	ST106-GW-10611-09102009	WATER	N	1 Days - A	10/9/2009		10/10/2009
	ST106-GW-10611-11012010	WATER	N	7 Days - A	1/11/2010		1/18/2010
	ST106-GW-1061-12102009	WATER	N	2 Days - A	10/12/2009		10/14/2009
	ST106-GW-1061-13012010	WATER	N	5 Days - A	1/13/2010		1/18/2010
	ST106-GW-10612-09102009	WATER	N	1 Days - A	10/9/2009		10/10/2009
	ST106-GW-10612-12012010	WATER	N	7 Days - A	1/12/2010		1/19/2010
	ST106-GW-10613-15102009	WATER	N	13 Days - A	10/15/2009		10/28/2009
	ST106-GW-10613-15102009	WATER	N	Days - E	10/15/2009		10/17/2009
	ST106-GW-10613-26012010	WATER	N	4 Days - A	1/26/2010		1/30/2010
	ST106-GW-10615-09102009	WATER	N	1 Days - A	10/9/2009		10/10/2009
	ST106-GW-10615-12012010	WATER	N	2 Days - A	1/12/2010		1/14/2010
	ST106-GW-10616-09102009	WATER	N	1 Days - A	10/9/2009		10/10/2009
	ST106-GW-10616-12012010	WATER	N	2 Days - A	1/12/2010		1/14/2010
	ST106-GW-10617-16102009	WATER	N	9 Days - A	10/16/2009		10/25/2009
	ST106-GW-10617-27012010	WATER	N	3 Days - A	1/27/2010		1/30/2010
	ST106-GW-10618-19012010	WATER	N	3 Days - A	1/19/2010		1/22/2010
	ST106-GW-10619-15102009	WATER	N	Days - E	10/15/2009		10/17/2009
	ST106-GW-10619-15102009	WATER	N	13 Days - A	10/15/2009		10/28/2009
	ST106-GW-10619-18012010	WATER	N	1 Days - A	1/18/2010		1/19/2010
	ST106-GW-10620-16102009	WATER	N	9 Days - A	10/16/2009		10/25/2009
	ST106-GW-10620-19012010	WATER	N	3 Days - A	1/19/2010		1/22/2010
	ST106-GW-10621-14102009	WATER	N	Days - E	10/14/2009		10/17/2009
	ST106-GW-10621-14102009	WATER	N	12 Days - A	10/14/2009		10/26/2009
	ST106-GW-10621-20012010	WATER	N	8 Days - A	1/20/2010		1/28/2010
	ST106-GW-1062-12012010	WATER	N	2 Days - A	1/12/2010		1/14/2010
	ST106-GW-1062-12102009	WATER	N	2 Days - A	10/12/2009		10/14/2009
	ST106-GW-10622-13102009	WATER	N	13 Days - A	10/13/2009		10/26/2009

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
E300	ST106-GW-10622-13102009	WATER	N	Days - E	10/13/2009		10/16/2009
	ST106-GW-10622-20012010	WATER	N	9 Days - A	1/20/2010		1/29/2010
	ST106-GW-10623-13102009	WATER	N	3 Days - A	10/13/2009		10/16/2009
	ST106-GW-10623-21012010	WATER	N	2 Days - A	1/21/2010		1/23/2010
	ST106-GW-10624-22012010	WATER	N	6 Days - A	1/22/2010		1/28/2010
	ST106-GW-10625-21012010	WATER	N	2 Days - A	1/21/2010		1/23/2010
	ST106-GW-1063-13012010	WATER	N	5 Days - A	1/13/2010		1/18/2010
	ST106-GW-1064-12102009	WATER	N	Days - E	10/12/2009		10/14/2009
	ST106-GW-1064-13012010	WATER	N	5 Days - A	1/13/2010		1/18/2010
	ST106-GW-1067-09102009	WATER	N	1 Days - A	10/9/2009		10/10/2009
	ST106-GW-1067-11012010	WATER	N	7 Days - A	1/11/2010		1/18/2010
	ST106-GW-2819RC-08102009	WATER	N	1 Days - A	10/8/2009		10/9/2009
	ST106-GW-2819RC-13012010	WATER	N	5 Days - A	1/13/2010		1/18/2010
	ST106-GW-3411-12102009	WATER	N	2 Days - A	10/12/2009		10/14/2009
	ST106-GW-3411-14012010	WATER	N	5 Days - A	1/14/2010		1/19/2010
	ST106-GW-IDWtank-28012010	WATER	N	2 Days - A	1/28/2010		1/30/2010
	ST106-GW-KAFB03-08102009	WATER	N	2 Days - A	10/8/2009		10/10/2009
	ST106-GW-KAFB03-12012010	WATER	N	2 Days - A	1/12/2010		1/14/2010
	ST106-GW-KAFB15-08102009	WATER	N	1 Days - A	10/8/2009		10/9/2009
	ST106-GW-KAFB15-12012010	WATER	N	2 Days - A	1/12/2010		1/14/2010
	ST106-GW-KAFB16-08102009	WATER	N	Days - E	10/8/2009		10/10/2009
	ST106-GW-KAFB16-12012010	WATER	N	2 Days - A	1/12/2010		1/14/2010
	ST106-GW-VA-08102009	WATER	N	1 Days - A	10/8/2009		10/9/2009
	ST106-GW-VA2-14012010	WATER	N	5 Days - A	1/14/2010		1/19/2010
E310.1	ST106-FD-10617-27012010	WATER	FD	8 Days - A	1/27/2010		2/4/2010
	ST106-FD-10623-21012010	WATER	FD	7 Days - A	1/21/2010		1/28/2010
	ST106-FD-1064-13012010	WATER	FD	2 Days - A	1/13/2010		1/15/2010
	ST106-GW-10611-11012010	WATER	N	7 Days - A	1/11/2010		1/18/2010
	ST106-GW-1061-13012010	WATER	N	2 Days - A	1/13/2010		1/15/2010
	ST106-GW-10612-12012010	WATER	N	3 Days - A	1/12/2010		1/15/2010
	ST106-GW-10613-26012010	WATER	N	2 Days - A	1/26/2010		1/28/2010
	ST106-GW-10615-12012010	WATER	N	3 Days - A	1/12/2010		1/15/2010
	ST106-GW-10616-12012010	WATER	N	3 Days - A	1/12/2010		1/15/2010
	ST106-GW-10617-27012010	WATER	N	8 Days - A	1/27/2010		2/4/2010
	ST106-GW-10618-19012010	WATER	N	9 Days - A	1/19/2010		1/28/2010
	ST106-GW-10619-18012010	WATER	N	10 Days - A	1/18/2010		1/28/2010
	ST106-GW-10620-19012010	WATER	N	9 Days - A	1/19/2010		1/28/2010
	ST106-GW-10621-20012010	WATER	N	8 Days - A	1/20/2010		1/28/2010
	ST106-GW-1062-12012010	WATER	N	3 Days - A	1/12/2010		1/15/2010

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
E310.1	ST106-GW-10622-20012010	WATER	N	8 Days - A	1/20/2010		1/28/2010
	ST106-GW-10623-21012010	WATER	N	7 Days - A	1/21/2010		1/28/2010
	ST106-GW-10624-22012010	WATER	N	6 Days - A	1/22/2010		1/28/2010
	ST106-GW-10625-21012010	WATER	N	7 Days - A	1/21/2010		1/28/2010
	ST106-GW-1063-13012010	WATER	N	2 Days - A	1/13/2010		1/15/2010
	ST106-GW-1064-13012010	WATER	N	2 Days - A	1/13/2010		1/15/2010
	ST106-GW-1067-11012010	WATER	N	7 Days - A	1/11/2010		1/18/2010
	ST106-GW-2819RC-13012010	WATER	N	2 Days - A	1/13/2010		1/15/2010
	ST106-GW-3411-14012010	WATER	N	1 Days - A	1/14/2010		1/15/2010
	ST106-GW-KAFB03-12012010	WATER	N	3 Days - A	1/12/2010		1/15/2010
	ST106-GW-KAFB15-12012010	WATER	N	3 Days - A	1/12/2010		1/15/2010
	ST106-GW-KAFB16-12012010	WATER	N	3 Days - A	1/12/2010		1/15/2010
	ST106-GW-VA2-14012010	WATER	N	1 Days - A	1/14/2010		1/15/2010
E353.2	ST106-FD-10617-27012010	WATER	FD	1 Days - A	1/27/2010		1/28/2010
	ST106-FD-10623-21012010	WATER	FD	1 Days - A	1/21/2010		1/22/2010
	ST106-FD-1064-13012010	WATER	FD	1 Days - A	1/13/2010		1/14/2010
	ST106-GW-10611-11012010	WATER	N	1 Days - A	1/11/2010		1/12/2010
	ST106-GW-1061-13012010	WATER	N	1 Days - A	1/13/2010		1/14/2010
	ST106-GW-10612-12012010	WATER	N	1 Days - A	1/12/2010		1/13/2010
	ST106-GW-10613-26012010	WATER	N	1 Days - A	1/26/2010		1/27/2010
	ST106-GW-10615-12012010	WATER	N	1 Days - A	1/12/2010		1/13/2010
	ST106-GW-10616-12012010	WATER	N	1 Days - A	1/12/2010		1/13/2010
	ST106-GW-10617-27012010	WATER	N	1 Days - A	1/27/2010		1/28/2010
	ST106-GW-10618-19012010	WATER	N	1 Days - A	1/19/2010		1/20/2010
	ST106-GW-10619-18012010	WATER	N	1 Days - A	1/18/2010		1/19/2010
	ST106-GW-10620-19012010	WATER	N	1 Days - A	1/19/2010		1/20/2010
	ST106-GW-10621-20012010	WATER	N	1 Days - A	1/20/2010		1/21/2010
	ST106-GW-1062-12012010	WATER	N	1 Days - A	1/12/2010		1/13/2010
	ST106-GW-10622-20012010	WATER	N	1 Days - A	1/20/2010		1/21/2010
	ST106-GW-10623-21012010	WATER	N	1 Days - A	1/21/2010		1/22/2010
	ST106-GW-10624-22012010	WATER	N	1 Days - A	1/22/2010		1/23/2010
	ST106-GW-10625-21012010	WATER	N	1 Days - A	1/21/2010		1/22/2010
	ST106-GW-1063-13012010	WATER	N	1 Days - A	1/13/2010		1/14/2010
	ST106-GW-1064-13012010	WATER	N	1 Days - A	1/13/2010		1/14/2010
	ST106-GW-1067-11012010	WATER	N	1 Days - A	1/11/2010		1/12/2010
	ST106-GW-2819RC-13012010	WATER	N	1 Days - A	1/13/2010		1/14/2010
	ST106-GW-3411-14012010	WATER	N	1 Days - A	1/14/2010		1/15/2010
	ST106-GW-IDWtank-28012010	WATER	N	1 Days - A	1/28/2010		1/29/2010
	ST106-GW-KAFB03-12012010	WATER	N	1 Days - A	1/12/2010		1/13/2010

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
E353.2	ST106-GW-KAFB15-12012010	WATER	N	1 Days - A	1/12/2010		1/13/2010
	ST106-GW-KAFB16-12012010	WATER	N	1 Days - A	1/12/2010		1/13/2010
	ST106-GW-VA2-14012010	WATER	N	1 Days - A	1/14/2010		1/15/2010
SW6010B	ST106-FD-10613-15102009	WATER	FD	1 Days - E	10/15/2009	10/16/2009	10/20/2009
	ST106-FD-10617-27012010	WATER	FD	2 Days - E	1/27/2010	1/29/2010	2/1/2010
	ST106-FD-10622-13102009	WATER	FD	2 Days - E	10/13/2009	10/15/2009	10/16/2009
	ST106-FD-10623-21012010	WATER	FD	8 Days - E	1/21/2010	1/29/2010	2/1/2010
	ST106-FD-1064-13012010	WATER	FD	5 Days - E	1/13/2010	1/18/2010	1/27/2010
	ST106-GW-10611-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/20/2009
	ST106-GW-10611-11012010	WATER	N	1 Days - E	1/11/2010	1/12/2010	1/13/2010
	ST106-GW-1061-12102009	WATER	N	7 Days - E	10/12/2009	10/19/2009	10/21/2009
	ST106-GW-1061-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/27/2010
	ST106-GW-10612-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/20/2009
	ST106-GW-10612-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/16/2010
	ST106-GW-10613-15102009	WATER	N	1 Days - E	10/15/2009	10/16/2009	10/20/2009
	ST106-GW-10613-26012010	WATER	N	3 Days - E	1/26/2010	1/29/2010	2/1/2010
	ST106-GW-10615-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/20/2009
	ST106-GW-10615-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/16/2010
	ST106-GW-10616-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/20/2009
	ST106-GW-10616-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/16/2010
	ST106-GW-10617-16102009	WATER	N	5 Days - E	10/16/2009	10/21/2009	10/23/2009
	ST106-GW-10617-27012010	WATER	N	2 Days - E	1/27/2010	1/29/2010	2/1/2010
	ST106-GW-10618-19012010	WATER	N	8 Days - E	1/19/2010	1/27/2010	2/1/2010
	ST106-GW-10619-15102009	WATER	N	1 Days - E	10/15/2009	10/16/2009	10/20/2009
	ST106-GW-10619-18012010	WATER	N	9 Days - E	1/18/2010	1/27/2010	2/1/2010
	ST106-GW-10620-16102009	WATER	N	5 Days - E	10/16/2009	10/21/2009	10/23/2009
	ST106-GW-10620-19012010	WATER	N	8 Days - E	1/19/2010	1/27/2010	2/1/2010
	ST106-GW-10621-14102009	WATER	N	5 Days - E	10/14/2009	10/19/2009	10/21/2009
	ST106-GW-10621-20012010	WATER	N	7 Days - E	1/20/2010	1/27/2010	2/1/2010
	ST106-GW-1062-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/16/2010
	ST106-GW-1062-12102009	WATER	N	7 Days - E	10/12/2009	10/19/2009	10/21/2009
	ST106-GW-10622-13102009	WATER	N	2 Days - E	10/13/2009	10/15/2009	10/16/2009
	ST106-GW-10622-20012010	WATER	N	7 Days - E	1/20/2010	1/27/2010	2/1/2010
	ST106-GW-10623-13102009	WATER	N	2 Days - E	10/13/2009	10/15/2009	10/16/2009
	ST106-GW-10623-21012010	WATER	N	8 Days - E	1/21/2010	1/29/2010	2/1/2010
	ST106-GW-10624-19102009	WATER	N	2 Days - E	10/19/2009	10/21/2009	10/23/2009
	ST106-GW-10624-22012010	WATER	N	3 Days - E	1/22/2010	1/25/2010	1/26/2010
	ST106-GW-10625-21012010	WATER	N	8 Days - E	1/21/2010	1/29/2010	2/1/2010
	ST106-GW-1063-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/27/2010

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW6010B	ST106-GW-1063-19102009	WATER	N	3 Days - E	10/19/2009	10/22/2009	10/23/2009
	ST106-GW-1064-12102009	WATER	N	7 Days - E	10/12/2009	10/19/2009	10/21/2009
	ST106-GW-1064-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/27/2010
	ST106-GW-1067-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/20/2009
	ST106-GW-1067-11012010	WATER	N	1 Days - E	1/11/2010	1/12/2010	1/13/2010
	ST106-GW-2819RC-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/20/2009
	ST106-GW-2819RC-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/27/2010
	ST106-GW-3411-12102009	WATER	N	7 Days - E	10/12/2009	10/19/2009	10/21/2009
	ST106-GW-3411-14012010	WATER	N	4 Days - E	1/14/2010	1/18/2010	1/25/2010
	ST106-GW-IDWTANK-19102009	WATER	N	2 Days - E	10/19/2009	10/21/2009	10/23/2009
	ST106-GW-IDWtank-28012010	WATER	N	4 Days - E	1/28/2010	2/1/2010	2/3/2010
	ST106-GW-KAFB03-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/20/2009
	ST106-GW-KAFB03-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/16/2010
	ST106-GW-KAFB15-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/20/2009
	ST106-GW-KAFB15-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/16/2010
	ST106-GW-KAFB16-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/20/2009
	ST106-GW-KAFB16-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/16/2010
	ST106-GW-VA-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/20/2009
	ST106-GW-VA2-14012010	WATER	N	4 Days - E	1/14/2010	1/18/2010	1/25/2010
SW8011	ST106-10613-LF501-1Q2010	WATER	N	6 Days - A	1/28/2010	2/1/2010	2/3/2010
	ST106-10613-LF506-1Q2010	WATER	N	7 Days - A	1/26/2010	2/1/2010	2/2/2010
	ST106-10613-LF514-1Q2010	WATER	N	7 Days - A	1/26/2010	2/1/2010	2/2/2010
	ST106-10613-PDB501-1Q2010	WATER	N	8 Days - A	1/25/2010	2/1/2010	2/2/2010
	ST106-10613-PDB506-1Q2010	WATER	N	8 Days - A	1/25/2010	2/1/2010	2/2/2010
	ST106-10613-PDB514-1Q2010	WATER	N	8 Days - A	1/25/2010	2/1/2010	2/2/2010
	ST106-10617-LF493-1Q2010	WATER	N	7 Days - A	1/27/2010	2/1/2010	2/3/2010
	ST106-10617-LF493-1Q2010	WATER	N	12 Days - A	1/27/2010	2/1/2010	2/8/2010
	ST106-10617-LF498-1Q2010	WATER	N	7 Days - A	1/27/2010	2/1/2010	2/3/2010
	ST106-10617-LF498-1Q2010	WATER	N	12 Days - A	1/27/2010	2/1/2010	2/8/2010
	ST106-10617-LF509-1Q2010	WATER	N	7 Days - A	1/27/2010	2/1/2010	2/3/2010
	ST106-10617-LF509-1Q2010	WATER	N	12 Days - A	1/27/2010	2/1/2010	2/8/2010
	ST106-10617-PDB493-1Q2010	WATER	N	7 Days - A	1/27/2010	2/1/2010	2/3/2010
	ST106-10617-PDB493-1Q2010	WATER	N	12 Days - A	1/27/2010	2/1/2010	2/8/2010
	ST106-10617-PDB498-1Q2010	WATER	N	12 Days - A	1/27/2010	2/1/2010	2/8/2010
	ST106-10617-PDB498-1Q2010	WATER	N	7 Days - A	1/27/2010	2/1/2010	2/3/2010
	ST106-10617-PDB509-1Q2010	WATER	N	12 Days - A	1/27/2010	2/1/2010	2/8/2010
	ST106-10617-PDB509-1Q2010	WATER	N	6 Days - A	1/27/2010	2/1/2010	2/2/2010
	ST106-10618-PDB486-1Q2010	WATER	N	10 Days - A	1/19/2010	1/25/2010	1/29/2010
	ST106-10618-PDB491-1Q2010	WATER	N	16 Days - A	1/19/2010	1/25/2010	2/4/2010

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8011	ST106-10618-PDB491-1Q2010	WATER	N	10 Days - A	1/19/2010	1/25/2010	1/29/2010
	ST106-10618-PDB501-1Q2010	WATER	N	15 Days - A	1/19/2010	1/25/2010	2/3/2010
	ST106-10618-PDB501-1Q2010	WATER	N	10 Days - A	1/19/2010	1/25/2010	1/29/2010
	ST106-10619-PDB505-1Q2010	WATER	N	10 Days - A	1/18/2010	1/25/2010	1/28/2010
	ST106-10619-PDB510-1Q2010	WATER	N	10 Days - A	1/18/2010	1/25/2010	1/28/2010
	ST106-10619-PDB518-1Q2010	WATER	N	10 Days - A	1/18/2010	1/25/2010	1/28/2010
	ST106-10619-PDB518-1Q2010	WATER	N	15 Days - A	1/18/2010	1/25/2010	2/2/2010
	ST106-10620-PDB491-1Q2010	WATER	N	10 Days - A	1/19/2010	1/25/2010	1/29/2010
	ST106-10620-PDB496-1Q2010	WATER	N	10 Days - A	1/19/2010	1/25/2010	1/29/2010
	ST106-10620-PDB507-1Q2010	WATER	N	10 Days - A	1/19/2010	1/25/2010	1/29/2010
	ST106-10621-PDB467-1Q2010	WATER	N	16 Days - A	1/20/2010	1/25/2010	2/5/2010
	ST106-10621-PDB472-1Q2010	WATER	N	16 Days - A	1/20/2010	1/25/2010	2/5/2010
	ST106-10621-PDB482-1Q2010	WATER	N	16 Days - A	1/20/2010	1/25/2010	2/5/2010
	ST106-10622-PDB472-1Q2010	WATER	N	16 Days - A	1/20/2010	1/25/2010	2/5/2010
	ST106-10622-PDB477-1Q2010	WATER	N	16 Days - A	1/20/2010	1/25/2010	2/5/2010
	ST106-10622-PDB487-1Q2010	WATER	N	16 Days - A	1/20/2010	1/25/2010	2/5/2010
	ST106-10623-PDB481-1Q2010	WATER	N	15 Days - A	1/21/2010	1/25/2010	2/5/2010
	ST106-10623-PDB486-1Q2010	WATER	N	15 Days - A	1/21/2010	1/25/2010	2/5/2010
	ST106-10623-PDB497-1Q2010	WATER	N	15 Days - A	1/21/2010	1/25/2010	2/5/2010
	ST106-10625-PDB473-1Q2010	WATER	N	8 Days - A	1/21/2010	1/25/2010	1/29/2010
	ST106-10625-PDB478-1Q2010	WATER	N	8 Days - A	1/21/2010	1/25/2010	1/29/2010
	ST106-10625-PDB486-1Q2010	WATER	N	8 Days - A	1/21/2010	1/25/2010	1/29/2010
	ST106-FD-10613-15102009	WATER	FD	8 Days - A	10/15/2009	10/21/2009	10/23/2009
	ST106-FD-10617-27012010	WATER	FD	7 Days - A	1/27/2010	2/1/2010	2/3/2010
	ST106-FD-10617-27012010	WATER	FD	12 Days - A	1/27/2010	2/1/2010	2/8/2010
	ST106-FD-10619-PDB505-1Q10	WATER	FD	11 Days - A	1/18/2010	1/25/2010	1/29/2010
	ST106-FD-10619-PDB510-1Q10	WATER	N	15 Days - A	1/18/2010	1/25/2010	2/2/2010
	ST106-FD-10619-PDB510-1Q10	WATER	FD	11 Days - A	1/18/2010	1/25/2010	1/29/2010
	ST106-FD-10619-PDB518-1Q10	WATER	FD	11 Days - A	1/18/2010	1/25/2010	1/29/2010
	ST106-FD-10622-13102009	WATER	FD	4 Days - A	10/13/2009	10/14/2009	10/17/2009
	ST106-FD-10622-13102009	WATER	FD	4 Days - A	10/13/2009	10/14/2009	10/17/2009
	ST106-FD-10623-21012010	WATER	FD	15 Days - A	1/21/2010	1/25/2010	2/5/2010
	ST106-FD-1064-13012010	WATER	FD	6 Days - A	1/13/2010	1/16/2010	1/19/2010
	ST106-GW-10611-09102009	WATER	N	7 Days - A	10/9/2009	10/14/2009	10/16/2009
	ST106-GW-10611-11012010	WATER	N	7 Days - A	1/11/2010	1/16/2010	1/18/2010
	ST106-GW-1061-12102009	WATER	N	4 Days - A	10/12/2009	10/14/2009	10/16/2009
	ST106-GW-1061-13012010	WATER	N	6 Days - A	1/13/2010	1/16/2010	1/19/2010
	ST106-GW-10612-09102009	WATER	N	6 Days - A	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-10612-12012010	WATER	N	6 Days - A	1/12/2010	1/16/2010	1/18/2010

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8011	ST106-GW-10613-15102009	WATER	N	8 Days - A	10/15/2009	10/21/2009	10/23/2009
	ST106-GW-10613-26012010	WATER	N	7 Days - A	1/26/2010	2/1/2010	2/2/2010
	ST106-GW-10615-09102009	WATER	N	7 Days - A	10/9/2009	10/14/2009	10/16/2009
	ST106-GW-10615-12012010	WATER	N	6 Days - A	1/12/2010	1/16/2010	1/18/2010
	ST106-GW-10616-09102009	WATER	N	7 Days - A	10/9/2009	10/14/2009	10/16/2009
	ST106-GW-10616-12012010	WATER	N	6 Days - A	1/12/2010	1/16/2010	1/18/2010
	ST106-GW-10617-16102009	WATER	N	7 Days - A	10/16/2009	10/21/2009	10/23/2009
	ST106-GW-10617-16102009	WATER	N	7 Days - A	10/16/2009	10/21/2009	10/23/2009
	ST106-GW-10617-27012010	WATER	N	12 Days - A	1/27/2010	2/1/2010	2/8/2010
	ST106-GW-10617-27012010	WATER	N	7 Days - A	1/27/2010	2/1/2010	2/3/2010
	ST106-GW-10618-19012010	WATER	N	15 Days - A	1/19/2010	1/25/2010	2/3/2010
	ST106-GW-10618-19012010	WATER	N	10 Days - A	1/19/2010	1/25/2010	1/29/2010
	ST106-GW-10619-15102009	WATER	N	8 Days - A	10/15/2009	10/21/2009	10/23/2009
	ST106-GW-10619-15102009	WATER	N	8 Days - A	10/15/2009	10/21/2009	10/23/2009
	ST106-GW-10619-18012010	WATER	N	10 Days - A	1/18/2010	1/25/2010	1/28/2010
	ST106-GW-10620-16102009	WATER	N	7 Days - A	10/16/2009	10/21/2009	10/23/2009
	ST106-GW-10620-19012010	WATER	N	10 Days - A	1/19/2010	1/25/2010	1/29/2010
	ST106-GW-10621-14102009	WATER	N	9 Days - A	10/14/2009	10/21/2009	10/23/2009
	ST106-GW-10621-14102009	WATER	N	9 Days - A	10/14/2009	10/21/2009	10/23/2009
	ST106-GW-10621-20012010	WATER	N	16 Days - A	1/20/2010	1/25/2010	2/5/2010
	ST106-GW-1062-12012010	WATER	N	6 Days - A	1/12/2010	1/16/2010	1/18/2010
	ST106-GW-1062-12102009	WATER	N	4 Days - A	10/12/2009	10/14/2009	10/16/2009
	ST106-GW-10622-13102009	WATER	N	4 Days - A	10/13/2009	10/14/2009	10/17/2009
	ST106-GW-10622-13102009	WATER	N	4 Days - A	10/13/2009	10/14/2009	10/17/2009
	ST106-GW-10622-20012010	WATER	N	16 Days - A	1/20/2010	1/25/2010	2/5/2010
	ST106-GW-10622-20012010	WATER	N	16 Days - A	1/20/2010	1/25/2010	2/5/2010
	ST106-GW-10623-13102009	WATER	N	4 Days - A	10/13/2009	10/14/2009	10/17/2009
	ST106-GW-10623-21012010	WATER	N	15 Days - A	1/21/2010	1/25/2010	2/5/2010
	ST106-GW-10624-19102009	WATER	N	4 Days - A	10/19/2009	10/21/2009	10/23/2009
	ST106-GW-10624-22012010	WATER	N	14 Days - A	1/22/2010	1/25/2010	2/5/2010
	ST106-GW-10625-12112009	WATER	N	10 Days - A	12/11/2009	12/15/2009	12/21/2009
	ST106-GW-10625-21012010	WATER	N	8 Days - A	1/21/2010	1/25/2010	1/29/2010
	ST106-GW-1063-13012010	WATER	N	6 Days - A	1/13/2010	1/16/2010	1/19/2010
	ST106-GW-1063-19102009	WATER	N	4 Days - A	10/19/2009	10/21/2009	10/23/2009
	ST106-GW-1064-12102009	WATER	N	4 Days - A	10/12/2009	10/14/2009	10/16/2009
	ST106-GW-1064-13012010	WATER	N	6 Days - A	1/13/2010	1/16/2010	1/19/2010
	ST106-GW-1067-09102009	WATER	N	6 Days - A	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-1067-11012010	WATER	N	7 Days - A	1/11/2010	1/16/2010	1/18/2010
	ST106-GW-2819RC-08102009	WATER	N	7 Days - A	10/8/2009	10/14/2009	10/15/2009

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8011	ST106-GW-2819RC-13012010	WATER	N	6 Days - A	1/13/2010	1/16/2010	1/19/2010
	ST106-GW-3411-12102009	WATER	N	4 Days - A	10/12/2009	10/14/2009	10/16/2009
	ST106-GW-3411-14012010	WATER	N	5 Days - A	1/14/2010	1/16/2010	1/19/2010
	ST106-GW-IDWTANK-19102009	WATER	N	4 Days - A	10/19/2009	10/21/2009	10/23/2009
	ST106-GW-IDWtank-28012010	WATER	N	6 Days - A	1/28/2010	2/1/2010	2/3/2010
	ST106-GW-IDWtank-28012010	WATER	N	8 Days - A	1/28/2010	2/1/2010	2/5/2010
	ST106-GW-KAFB03-08102009	WATER	N	7 Days - A	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-KAFB03-12012010	WATER	N	6 Days - A	1/12/2010	1/16/2010	1/18/2010
	ST106-GW-KAFB15-08102009	WATER	N	7 Days - A	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-KAFB15-12012010	WATER	N	6 Days - A	1/12/2010	1/16/2010	1/18/2010
	ST106-GW-KAFB16-08102009	WATER	N	7 Days - A	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-KAFB16-12012010	WATER	N	6 Days - A	1/12/2010	1/16/2010	1/18/2010
	ST106-GW-VA-08102009	WATER	N	7 Days - A	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-VA2-14012010	WATER	N	5 Days - A	1/14/2010	1/16/2010	1/19/2010
SW8015-E	ST106-FD-10613-15102009	WATER	FD	5 Days - E	10/15/2009	10/20/2009	10/20/2009
	ST106-FD-10622-13102009	WATER	FD	7 Days - E	10/13/2009	10/20/2009	10/20/2009
	ST106-GW-10611-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-1061-12102009	WATER	N	2 Days - E	10/12/2009	10/14/2009	10/15/2009
	ST106-GW-10612-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-10613-15102009	WATER	N	5 Days - E	10/15/2009	10/20/2009	10/20/2009
	ST106-GW-10615-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-10616-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-10617-16102009	WATER	N	4 Days - E	10/16/2009	10/20/2009	10/20/2009
	ST106-GW-10619-15102009	WATER	N	5 Days - E	10/15/2009	10/20/2009	10/20/2009
	ST106-GW-10620-16102009	WATER	N	4 Days - E	10/16/2009	10/20/2009	10/20/2009
	ST106-GW-10621-14102009	WATER	N	6 Days - E	10/14/2009	10/20/2009	10/20/2009
	ST106-GW-1062-12102009	WATER	N	2 Days - E	10/12/2009	10/14/2009	10/15/2009
	ST106-GW-10622-13102009	WATER	N	7 Days - E	10/13/2009	10/20/2009	10/21/2009
	ST106-GW-10623-13102009	WATER	N	7 Days - E	10/13/2009	10/20/2009	10/20/2009
	ST106-GW-10624-19102009	WATER	N	2 Days - E	10/19/2009	10/21/2009	10/21/2009
	ST106-GW-10624-19102009	WATER	N	4 Days - E	10/19/2009	10/23/2009	10/28/2009
	ST106-GW-10625-12112009	WATER	N	3 Days - E	12/11/2009	12/14/2009	12/16/2009
	ST106-GW-10625-12112009	WATER	N	7 Days - E	12/11/2009	12/18/2009	12/18/2009
	ST106-GW-1063-19102009	WATER	N	2 Days - E	10/19/2009	10/21/2009	10/21/2009
	ST106-GW-1064-12102009	WATER	N	2 Days - E	10/12/2009	10/14/2009	10/15/2009
	ST106-GW-1067-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-2819RC-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-3411-12102009	WATER	N	2 Days - E	10/12/2009	10/14/2009	10/15/2009
	ST106-GW-IDWTANK-19102009	WATER	N	2 Days - E	10/19/2009	10/21/2009	10/21/2009

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8015-E	ST106-GW-KAFB03-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-KAFB15-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-KAFB16-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-VA-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/15/2009
	ST106-FD-10617-27012010	WATER	FD	5 Days - E	1/27/2010	2/1/2010	2/2/2010
	ST106-FD-10623-21012010	WATER	FD	6 Days - E	1/21/2010	1/27/2010	1/28/2010
	ST106-FD-1064-13012010	WATER	FD	5 Days - E	1/13/2010	1/18/2010	1/20/2010
	ST106-GW-10611-11012010	WATER	N	7 Days - E	1/11/2010	1/18/2010	1/20/2010
	ST106-GW-1061-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/20/2010
	ST106-GW-10612-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-10613-26012010	WATER	N	6 Days - E	1/26/2010	2/1/2010	2/2/2010
	ST106-GW-10615-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-10616-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-10617-27012010	WATER	N	5 Days - E	1/27/2010	2/1/2010	2/2/2010
	ST106-GW-10618-19012010	WATER	N	2 Days - E	1/19/2010	1/21/2010	1/26/2010
	ST106-GW-10619-18012010	WATER	N	3 Days - E	1/18/2010	1/21/2010	1/22/2010
	ST106-GW-10620-19012010	WATER	N	2 Days - E	1/19/2010	1/21/2010	1/22/2010
	ST106-GW-10621-20012010	WATER	N	7 Days - E	1/20/2010	1/27/2010	1/27/2010
	ST106-GW-1062-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-10622-20012010	WATER	N	7 Days - E	1/20/2010	1/27/2010	1/27/2010
	ST106-GW-10623-21012010	WATER	N	6 Days - E	1/21/2010	1/27/2010	1/27/2010
	ST106-GW-10624-22012010	WATER	N	5 Days - E	1/22/2010	1/27/2010	1/28/2010
	ST106-GW-10625-21012010	WATER	N	6 Days - E	1/21/2010	1/27/2010	1/27/2010
	ST106-GW-1063-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/20/2010
	ST106-GW-1064-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/20/2010
	ST106-GW-1067-11012010	WATER	N	7 Days - E	1/11/2010	1/18/2010	1/20/2010
	ST106-GW-2819RC-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/20/2010
	ST106-GW-3411-14012010	WATER	N	4 Days - E	1/14/2010	1/18/2010	1/21/2010
	ST106-GW-IDWtank-28012010	WATER	N	4 Days - E	1/28/2010	2/1/2010	2/2/2010
	ST106-GW-KAFB03-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-KAFB15-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-KAFB16-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-VA2-14012010	WATER	N	4 Days - E	1/14/2010	1/18/2010	1/21/2010
SW8015-P	ST106-FD-10613-15102009	WATER	FD	5 Days - E	10/15/2009	10/20/2009	10/20/2009
	ST106-FD-10622-13102009	WATER	FD	7 Days - E	10/13/2009	10/20/2009	10/20/2009
	ST106-GW-10611-09102009	WATER	N	6 Days - E	10/9/2009	10/15/2009	10/15/2009
	ST106-GW-1061-12102009	WATER	N	8 Days - E	10/12/2009	10/20/2009	10/20/2009
	ST106-GW-10612-09102009	WATER	N	6 Days - E	10/9/2009	10/15/2009	10/15/2009
	ST106-GW-10613-15102009	WATER	N	5 Days - E	10/15/2009	10/20/2009	10/20/2009

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8015-P	ST106-GW-10615-09102009	WATER	N	6 Days - E	10/9/2009	10/15/2009	10/15/2009
	ST106-GW-10616-09102009	WATER	N	6 Days - E	10/9/2009	10/15/2009	10/15/2009
	ST106-GW-10617-16102009	WATER	N	6 Days - E	10/16/2009	10/22/2009	10/22/2009
	ST106-GW-10619-15102009	WATER	N	5 Days - E	10/15/2009	10/20/2009	10/20/2009
	ST106-GW-10620-16102009	WATER	N	6 Days - E	10/16/2009	10/22/2009	10/22/2009
	ST106-GW-10621-14102009	WATER	N	6 Days - E	10/14/2009	10/20/2009	10/20/2009
	ST106-GW-1062-12102009	WATER	N	8 Days - E	10/12/2009	10/20/2009	10/20/2009
	ST106-GW-10622-13102009	WATER	N	7 Days - E	10/13/2009	10/20/2009	10/20/2009
	ST106-GW-10623-13102009	WATER	N	7 Days - E	10/13/2009	10/20/2009	10/20/2009
	ST106-GW-10624-19102009	WATER	N	3 Days - E	10/19/2009	10/22/2009	10/22/2009
	ST106-GW-10625-12112009	WATER	N	5 Days - E	12/11/2009	12/16/2009	12/16/2009
	ST106-GW-1063-19102009	WATER	N	7 Days - E	10/19/2009	10/26/2009	10/26/2009
	ST106-GW-1064-12102009	WATER	N	8 Days - E	10/12/2009	10/20/2009	10/20/2009
	ST106-GW-1067-09102009	WATER	N	6 Days - E	10/9/2009	10/15/2009	10/15/2009
	ST106-GW-2819RC-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/14/2009
	ST106-GW-3411-12102009	WATER	N	8 Days - E	10/12/2009	10/20/2009	10/20/2009
	ST106-GW-IDWTANK-19102009	WATER	N	3 Days - E	10/19/2009	10/22/2009	10/22/2009
	ST106-GW-KAFB03-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/14/2009
	ST106-GW-KAFB15-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/14/2009
	ST106-GW-KAFB16-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/14/2009
	ST106-GW-VA-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/14/2009
	ST106-FD-10617-27012010	WATER	FD	7 Days - E	1/27/2010	2/3/2010	2/3/2010
	ST106-FD-10623-21012010	WATER	FD	6 Days - E	1/21/2010	1/27/2010	1/27/2010
	ST106-FD-1064-13012010	WATER	FD	5 Days - E	1/13/2010	1/18/2010	1/18/2010
	ST106-GW-10611-11012010	WATER	N	4 Days - E	1/11/2010	1/15/2010	1/15/2010
	ST106-GW-1061-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/18/2010
	ST106-GW-10612-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/18/2010
	ST106-GW-10613-26012010	WATER	N	8 Days - E	1/26/2010	2/3/2010	2/3/2010
	ST106-GW-10615-12012010	WATER	N	3 Days - E	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-10616-12012010	WATER	N	3 Days - E	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-10617-27012010	WATER	N	7 Days - E	1/27/2010	2/3/2010	2/3/2010
	ST106-GW-10618-19012010	WATER	N	8 Days - E	1/19/2010	1/27/2010	1/27/2010
	ST106-GW-10618-19012010	WATER	N	8 Days - E	1/19/2010	1/27/2010	1/27/2010
	ST106-GW-10619-18012010	WATER	N	7 Days - E	1/18/2010	1/25/2010	1/25/2010
	ST106-GW-10620-19012010	WATER	N	6 Days - E	1/19/2010	1/25/2010	1/25/2010
	ST106-GW-10621-20012010	WATER	N	7 Days - E	1/20/2010	1/27/2010	1/27/2010
	ST106-GW-1062-12012010	WATER	N	3 Days - E	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-10622-20012010	WATER	N	5 Days - E	1/20/2010	1/25/2010	1/25/2010
	ST106-GW-10623-21012010	WATER	N	6 Days - E	1/21/2010	1/27/2010	1/27/2010

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8015-P	ST106-GW-10624-22012010	WATER	N	3 Days - E	1/22/2010	1/25/2010	1/25/2010
	ST106-GW-10625-21012010	WATER	N	4 Days - E	1/21/2010	1/25/2010	1/25/2010
	ST106-GW-1063-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/18/2010
	ST106-GW-1064-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/18/2010
	ST106-GW-1067-11012010	WATER	N	4 Days - E	1/11/2010	1/15/2010	1/15/2010
	ST106-GW-2819RC-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/18/2010
	ST106-GW-3411-14012010	WATER	N	4 Days - E	1/14/2010	1/18/2010	1/18/2010
	ST106-GW-IDWtank-28012010	WATER	N	6 Days - E	1/28/2010	2/3/2010	2/3/2010
	ST106-GW-KAFB03-12012010	WATER	N	3 Days - E	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-KAFB15-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/18/2010
	ST106-GW-KAFB16-12012010	WATER	N	3 Days - E	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-VA2-14012010	WATER	N	4 Days - E	1/14/2010	1/18/2010	1/18/2010
SW8260B	ST106-10613-LF501-1Q2010	WATER	N	7 Days - A	1/28/2010	2/4/2010	2/4/2010
	ST106-10613-LF506-1Q2010	WATER	N	9 Days - A	1/26/2010	2/4/2010	2/4/2010
	ST106-10613-LF514-1Q2010	WATER	N	9 Days - A	1/26/2010	2/4/2010	2/4/2010
	ST106-10613-PDB501-1Q2010	WATER	N	10 Days - A	1/25/2010	2/4/2010	2/4/2010
	ST106-10613-PDB506-1Q2010	WATER	N	10 Days - A	1/25/2010	2/4/2010	2/4/2010
	ST106-10613-PDB514-1Q2010	WATER	N	10 Days - A	1/25/2010	2/4/2010	2/4/2010
	ST106-10617-LF493-1Q2010	WATER	N	12 Days - A	1/27/2010	2/8/2010	2/8/2010
	ST106-10617-LF498-1Q2010	WATER	N	9 Days - A	1/27/2010	2/5/2010	2/5/2010
	ST106-10617-LF509-1Q2010	WATER	N	9 Days - A	1/27/2010	2/5/2010	2/5/2010
	ST106-10617-PDB493-1Q2010	WATER	N	9 Days - A	1/27/2010	2/5/2010	2/5/2010
	ST106-10617-PDB498-1Q2010	WATER	N	9 Days - A	1/27/2010	2/5/2010	2/5/2010
	ST106-10617-PDB509-1Q2010	WATER	N	9 Days - A	1/27/2010	2/5/2010	2/5/2010
	ST106-10618-PDB486-1Q2010	WATER	N	2 Days - A	1/19/2010	1/21/2010	1/21/2010
	ST106-10618-PDB491-1Q2010	WATER	N	3 Days - A	1/19/2010	1/22/2010	1/22/2010
	ST106-10618-PDB491-1Q2010	WATER	N	3 Days - A	1/19/2010	1/22/2010	1/22/2010
	ST106-10618-PDB501-1Q2010	WATER	N	3 Days - A	1/19/2010	1/22/2010	1/22/2010
	ST106-10619-PDB505-1Q2010	WATER	N	3 Days - A	1/18/2010	1/21/2010	1/21/2010
	ST106-10619-PDB510-1Q2010	WATER	N	3 Days - A	1/18/2010	1/21/2010	1/21/2010
	ST106-10619-PDB518-1Q2010	WATER	N	3 Days - A	1/18/2010	1/21/2010	1/21/2010
	ST106-10620-PDB491-1Q2010	WATER	N	2 Days - A	1/19/2010	1/21/2010	1/21/2010
	ST106-10620-PDB496-1Q2010	WATER	N	2 Days - A	1/19/2010	1/21/2010	1/21/2010
	ST106-10620-PDB507-1Q2010	WATER	N	2 Days - A	1/19/2010	1/21/2010	1/21/2010
	ST106-10621-PDB467-1Q2010	WATER	N	11 Days - A	1/20/2010	1/31/2010	1/31/2010
	ST106-10621-PDB472-1Q2010	WATER	N	11 Days - A	1/20/2010	1/31/2010	1/31/2010
	ST106-10621-PDB482-1Q2010	WATER	N	11 Days - A	1/20/2010	1/31/2010	1/31/2010
	ST106-10622-PDB472-1Q2010	WATER	N	11 Days - A	1/20/2010	1/31/2010	1/31/2010
	ST106-10622-PDB477-1Q2010	WATER	N	11 Days - A	1/20/2010	1/31/2010	1/31/2010

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8260B	ST106-10622-PDB487-1Q2010	WATER	N	11 Days - A	1/20/2010	1/31/2010	1/31/2010
	ST106-10623-PDB481-1Q2010	WATER	N	11 Days - A	1/21/2010	2/1/2010	2/1/2010
	ST106-10623-PDB486-1Q2010	WATER	N	11 Days - A	1/21/2010	2/1/2010	2/1/2010
	ST106-10623-PDB497-1Q2010	WATER	N	11 Days - A	1/21/2010	2/1/2010	2/1/2010
	ST106-10625-PDB473-1Q2010	WATER	N	7 Days - A	1/21/2010	1/28/2010	1/28/2010
	ST106-10625-PDB478-1Q2010	WATER	N	7 Days - A	1/21/2010	1/28/2010	1/28/2010
	ST106-10625-PDB486-1Q2010	WATER	N	7 Days - A	1/21/2010	1/28/2010	1/28/2010
	ST106-FD-10613-15102009	WATER	FD	4 Days - A	10/15/2009	10/19/2009	10/19/2009
	ST106-FD-10617-27012010	WATER	FD	9 Days - A	1/27/2010	2/5/2010	2/5/2010
	ST106-FD-10619-PDB505-1Q10	WATER	FD	3 Days - A	1/18/2010	1/21/2010	1/21/2010
	ST106-FD-10619-PDB510-1Q10	WATER	FD	3 Days - A	1/18/2010	1/21/2010	1/21/2010
	ST106-FD-10619-PDB518-1Q10	WATER	FD	3 Days - A	1/18/2010	1/21/2010	1/21/2010
	ST106-FD-10622-13102009	WATER	FD	6 Days - A	10/13/2009	10/19/2009	10/19/2009
	ST106-FD-10623-21012010	WATER	FD	11 Days - A	1/21/2010	2/1/2010	2/1/2010
	ST106-FD-1064-13012010	WATER	FD	6 Days - A	1/13/2010	1/19/2010	1/19/2010
	ST106-GW-10611-09102009	WATER	N	11 Days - A	10/9/2009	10/20/2009	10/20/2009
	ST106-GW-10611-11012010	WATER	N	2 Days - A	1/11/2010	1/13/2010	1/13/2010
	ST106-GW-1061-12102009	WATER	N	3 Days - A	10/12/2009	10/15/2009	10/15/2009
	ST106-GW-1061-13012010	WATER	N	6 Days - A	1/13/2010	1/19/2010	1/19/2010
	ST106-GW-10612-09102009	WATER	N	11 Days - A	10/9/2009	10/20/2009	10/20/2009
	ST106-GW-10612-12012010	WATER	N	3 Days - A	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-10613-15102009	WATER	N	4 Days - A	10/15/2009	10/19/2009	10/19/2009
	ST106-GW-10613-26012010	WATER	N	9 Days - A	1/26/2010	2/4/2010	2/4/2010
	ST106-GW-10615-09102009	WATER	N	11 Days - A	10/9/2009	10/20/2009	10/20/2009
	ST106-GW-10615-12012010	WATER	N	3 Days - A	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-10616-09102009	WATER	N	11 Days - A	10/9/2009	10/20/2009	10/20/2009
	ST106-GW-10616-12012010	WATER	N	3 Days - A	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-10617-16102009	WATER	N	4 Days - A	10/16/2009	10/20/2009	10/20/2009
	ST106-GW-10617-27012010	WATER	N	9 Days - A	1/27/2010	2/5/2010	2/5/2010
	ST106-GW-10618-19012010	WATER	N	2 Days - A	1/19/2010	1/21/2010	1/21/2010
	ST106-GW-10618-19012010	WATER	N	2 Days - A	1/19/2010	1/21/2010	1/21/2010
	ST106-GW-10619-15102009	WATER	N	4 Days - A	10/15/2009	10/19/2009	10/19/2009
	ST106-GW-10619-18012010	WATER	N	3 Days - A	1/18/2010	1/21/2010	1/21/2010
	ST106-GW-10620-16102009	WATER	N	4 Days - A	10/16/2009	10/20/2009	10/20/2009
	ST106-GW-10620-19012010	WATER	N	2 Days - A	1/19/2010	1/21/2010	1/21/2010
	ST106-GW-10621-14102009	WATER	N	2 Days - A	10/14/2009	10/16/2009	10/16/2009
	ST106-GW-10621-20012010	WATER	N	11 Days - A	1/20/2010	1/31/2010	1/31/2010
	ST106-GW-1062-12012010	WATER	N	3 Days - A	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-1062-12102009	WATER	N	3 Days - A	10/12/2009	10/15/2009	10/15/2009

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8260B	ST106-GW-10622-13102009	WATER	N	6 Days - A	10/13/2009	10/19/2009	10/19/2009
	ST106-GW-10622-20012010	WATER	N	11 Days - A	1/20/2010	1/31/2010	1/31/2010
	ST106-GW-10623-13102009	WATER	N	6 Days - A	10/13/2009	10/19/2009	10/19/2009
	ST106-GW-10623-21012010	WATER	N	11 Days - A	1/21/2010	2/1/2010	2/1/2010
	ST106-GW-10624-19102009	WATER	N	3 Days - A	10/19/2009	10/22/2009	10/22/2009
	ST106-GW-10624-22012010	WATER	N	7 Days - A	1/22/2010	1/29/2010	1/29/2010
	ST106-GW-10625-12112009	WATER	N	6 Days - A	12/11/2009	12/17/2009	12/17/2009
	ST106-GW-10625-21012010	WATER	N	7 Days - A	1/21/2010	1/28/2010	1/28/2010
	ST106-GW-1063-13012010	WATER	N	6 Days - A	1/13/2010	1/19/2010	1/19/2010
	ST106-GW-1063-19102009	WATER	N	3 Days - A	10/19/2009	10/22/2009	10/22/2009
	ST106-GW-1064-12102009	WATER	N	3 Days - A	10/12/2009	10/15/2009	10/15/2009
	ST106-GW-1064-13012010	WATER	N	6 Days - A	1/13/2010	1/19/2010	1/19/2010
	ST106-GW-1067-09102009	WATER	N	11 Days - A	10/9/2009	10/20/2009	10/20/2009
	ST106-GW-1067-11012010	WATER	N	2 Days - A	1/11/2010	1/13/2010	1/13/2010
	ST106-GW-2819RC-08102009	WATER	N	11 Days - A	10/8/2009	10/19/2009	10/19/2009
	ST106-GW-2819RC-13012010	WATER	N	6 Days - A	1/13/2010	1/19/2010	1/19/2010
	ST106-GW-3411-12102009	WATER	N	3 Days - A	10/12/2009	10/15/2009	10/15/2009
	ST106-GW-3411-14012010	WATER	N	4 Days - A	1/14/2010	1/18/2010	1/18/2010
	ST106-GW-IDWTANK-19102009	WATER	N	2 Days - A	10/19/2009	10/21/2009	10/21/2009
	ST106-GW-IDWtank-28012010	WATER	N	7 Days - A	1/28/2010	2/4/2010	2/4/2010
	ST106-GW-KAFB03-08102009	WATER	N	11 Days - A	10/8/2009	10/19/2009	10/19/2009
	ST106-GW-KAFB03-12012010	WATER	N	3 Days - A	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-KAFB15-08102009	WATER	N	11 Days - A	10/8/2009	10/19/2009	10/19/2009
	ST106-GW-KAFB15-12012010	WATER	N	3 Days - A	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-KAFB16-08102009	WATER	N	11 Days - A	10/8/2009	10/19/2009	10/19/2009
	ST106-GW-KAFB16-12012010	WATER	N	3 Days - A	1/12/2010	1/15/2010	1/15/2010
	ST106-GW-VA-08102009	WATER	N	8 Days - A	10/8/2009	10/16/2009	10/16/2009
	ST106-GW-VA2-14012010	WATER	N	4 Days - A	1/14/2010	1/18/2010	1/18/2010
SW8270C	ST106-FD-10613-15102009	WATER	FD	6 Days - E	10/15/2009	10/21/2009	10/23/2009
	ST106-FD-10617-27012010	WATER	FD	6 Days - E	1/27/2010	2/2/2010	2/4/2010
	ST106-FD-10622-13102009	WATER	FD	2 Days - E	10/13/2009	10/15/2009	10/17/2009
	ST106-FD-10623-21012010	WATER	FD	14 Days - E	1/21/2010	2/4/2010	2/5/2010
	ST106-FD-10623-21012010	WATER	FD	6 Days - E	1/21/2010	1/27/2010	1/31/2010
	ST106-FD-1064-13012010	WATER	FD	5 Days - E	1/13/2010	1/18/2010	1/20/2010
	ST106-GW-10611-09102009	WATER	N	4 Days - E	10/9/2009	10/13/2009	10/15/2009
	ST106-GW-10611-11012010	WATER	N	7 Days - E	1/11/2010	1/18/2010	1/20/2010
	ST106-GW-10611-11012010	WATER	N	14 Days - E	1/11/2010	1/25/2010	1/28/2010
	ST106-GW-1061-12102009	WATER	N	3 Days - E	10/12/2009	10/15/2009	10/17/2009
	ST106-GW-1061-13012010	WATER	N	12 Days - E	1/13/2010	1/25/2010	1/28/2010

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8270C	ST106-GW-1061-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/20/2010
	ST106-GW-10612-09102009	WATER	N	4 Days - E	10/9/2009	10/13/2009	10/15/2009
	ST106-GW-10612-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-10612-12012010	WATER	N	13 Days - E	1/12/2010	1/25/2010	1/28/2010
	ST106-GW-10613-15102009	WATER	N	6 Days - E	10/15/2009	10/21/2009	10/23/2009
	ST106-GW-10613-26012010	WATER	N	2 Days - E	1/26/2010	1/28/2010	1/31/2010
	ST106-GW-10615-09102009	WATER	N	4 Days - E	10/9/2009	10/13/2009	10/15/2009
	ST106-GW-10615-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-10615-12012010	WATER	N	13 Days - E	1/12/2010	1/25/2010	1/28/2010
	ST106-GW-10616-09102009	WATER	N	4 Days - E	10/9/2009	10/13/2009	10/15/2009
	ST106-GW-10616-12012010	WATER	N	13 Days - E	1/12/2010	1/25/2010	1/28/2010
	ST106-GW-10616-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-10617-16102009	WATER	N	4 Days - E	10/16/2009	10/20/2009	10/22/2009
	ST106-GW-10617-27012010	WATER	N	6 Days - E	1/27/2010	2/2/2010	2/4/2010
	ST106-GW-10618-19012010	WATER	N	8 Days - E	1/19/2010	1/27/2010	1/31/2010
	ST106-GW-10618-19012010	WATER	N	3 Days - E	1/19/2010	1/22/2010	1/31/2010
	ST106-GW-10619-15102009	WATER	N	6 Days - E	10/15/2009	10/21/2009	10/23/2009
	ST106-GW-10619-18012010	WATER	N	4 Days - E	1/18/2010	1/22/2010	2/4/2010
	ST106-GW-10619-18012010	WATER	N	9 Days - E	1/18/2010	1/27/2010	1/31/2010
	ST106-GW-10620-16102009	WATER	N	4 Days - E	10/16/2009	10/20/2009	10/22/2009
	ST106-GW-10620-19012010	WATER	N	8 Days - E	1/19/2010	1/27/2010	1/31/2010
	ST106-GW-10620-19012010	WATER	N	3 Days - E	1/19/2010	1/22/2010	1/31/2010
	ST106-GW-10621-14102009	WATER	N	7 Days - E	10/14/2009	10/21/2009	10/22/2009
	ST106-GW-10621-20012010	WATER	N	5 Days - E	1/20/2010	1/25/2010	1/29/2010
	ST106-GW-10621-20012010	WATER	N	15 Days - E	1/20/2010	2/4/2010	2/5/2010
	ST106-GW-1062-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-1062-12012010	WATER	N	13 Days - E	1/12/2010	1/25/2010	1/28/2010
	ST106-GW-1062-12102009	WATER	N	3 Days - E	10/12/2009	10/15/2009	10/17/2009
	ST106-GW-10622-13102009	WATER	N	2 Days - E	10/13/2009	10/15/2009	10/17/2009
	ST106-GW-10622-20012010	WATER	N	5 Days - E	1/20/2010	1/25/2010	2/11/2010
	ST106-GW-10622-20012010	WATER	N	15 Days - E	1/20/2010	2/4/2010	2/5/2010
	ST106-GW-10623-13102009	WATER	N	2 Days - E	10/13/2009	10/15/2009	10/17/2009
	ST106-GW-10623-21012010	WATER	N	14 Days - E	1/21/2010	2/4/2010	2/5/2010
	ST106-GW-10623-21012010	WATER	N	6 Days - E	1/21/2010	1/27/2010	1/31/2010
	ST106-GW-10624-19102009	WATER	N	2 Days - E	10/19/2009	10/21/2009	10/23/2009
	ST106-GW-10624-22012010	WATER	N	5 Days - E	1/22/2010	1/27/2010	1/31/2010
	ST106-GW-10624-22012010	WATER	N	13 Days - E	1/22/2010	2/4/2010	2/5/2010
	ST106-GW-10625-21012010	WATER	N	14 Days - E	1/21/2010	2/4/2010	2/5/2010
	ST106-GW-10625-21012010	WATER	N	6 Days - E	1/21/2010	1/27/2010	1/31/2010

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8270C	ST106-GW-1063-13012010	WATER	N	12 Days - E	1/13/2010	1/25/2010	1/28/2010
	ST106-GW-1063-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/20/2010
	ST106-GW-1063-19102009	WATER	N	7 Days - E	10/19/2009	10/26/2009	10/26/2009
	ST106-GW-1064-12102009	WATER	N	3 Days - E	10/12/2009	10/15/2009	10/17/2009
	ST106-GW-1064-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/20/2010
	ST106-GW-1067-09102009	WATER	N	4 Days - E	10/9/2009	10/13/2009	10/15/2009
	ST106-GW-1067-11012010	WATER	N	14 Days - E	1/11/2010	1/25/2010	1/28/2010
	ST106-GW-1067-11012010	WATER	N	7 Days - E	1/11/2010	1/18/2010	1/20/2010
	ST106-GW-2819RC-08102009	WATER	N	5 Days - E	10/8/2009	10/13/2009	10/15/2009
	ST106-GW-2819RC-13012010	WATER	N	5 Days - E	1/13/2010	1/18/2010	1/20/2010
	ST106-GW-3411-12102009	WATER	N	3 Days - E	10/12/2009	10/15/2009	10/17/2009
	ST106-GW-3411-14012010	WATER	N	11 Days - E	1/14/2010	1/25/2010	1/28/2010
	ST106-GW-3411-14012010	WATER	N	4 Days - E	1/14/2010	1/18/2010	1/20/2010
	ST106-GW-IDWTANK-19102009	WATER	N	2 Days - E	10/19/2009	10/21/2009	10/23/2009
	ST106-GW-IDWtank-28012010	WATER	N	5 Days - E	1/28/2010	2/2/2010	2/4/2010
	ST106-GW-KAFB03-08102009	WATER	N	5 Days - E	10/8/2009	10/13/2009	10/15/2009
	ST106-GW-KAFB03-12012010	WATER	N	13 Days - E	1/12/2010	1/25/2010	1/28/2010
	ST106-GW-KAFB03-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-KAFB15-08102009	WATER	N	5 Days - E	10/8/2009	10/13/2009	10/15/2009
	ST106-GW-KAFB15-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-KAFB15-12012010	WATER	N	13 Days - E	1/12/2010	1/25/2010	1/28/2010
	ST106-GW-KAFB16-08102009	WATER	N	5 Days - E	10/8/2009	10/13/2009	10/15/2009
	ST106-GW-KAFB16-12012010	WATER	N	6 Days - E	1/12/2010	1/18/2010	1/20/2010
	ST106-GW-KAFB16-12012010	WATER	N	13 Days - E	1/12/2010	1/25/2010	1/28/2010
	ST106-GW-VA-08102009	WATER	N	5 Days - E	10/8/2009	10/13/2009	10/15/2009
	ST106-GW-VA2-14012010	WATER	N	11 Days - E	1/14/2010	1/25/2010	1/28/2010
	ST106-GW-VA2-14012010	WATER	N	4 Days - E	1/14/2010	1/18/2010	1/20/2010
SW8310	ST106-FD-10613-15102009	WATER	FD	5 Days - E	10/15/2009	10/20/2009	10/20/2009
	ST106-FD-10617-27012010	WATER	FD	6 Days - E	1/27/2010	2/2/2010	2/3/2010
	ST106-FD-10622-13102009	WATER	FD	7 Days - E	10/13/2009	10/20/2009	10/20/2009
	ST106-FD-10623-21012010	WATER	FD	6 Days - E	1/21/2010	1/27/2010	1/28/2010
	ST106-FD-1064-13012010	WATER	FD	6 Days - E	1/13/2010	1/19/2010	1/20/2010
	ST106-GW-10611-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-10611-11012010	WATER	N	3 Days - E	1/11/2010	1/14/2010	1/14/2010
	ST106-GW-1061-12102009	WATER	N	2 Days - E	10/12/2009	10/14/2009	10/15/2009
	ST106-GW-1061-13012010	WATER	N	6 Days - E	1/13/2010	1/19/2010	1/19/2010
	ST106-GW-10612-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-10612-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/15/2010
	ST106-GW-10613-15102009	WATER	N	5 Days - E	10/15/2009	10/20/2009	10/20/2009

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8310	ST106-GW-10613-26012010	WATER	N	3 Days - E	1/26/2010	1/29/2010	1/29/2010
	ST106-GW-10615-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-10615-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/14/2010
	ST106-GW-10616-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-10616-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/14/2010
	ST106-GW-10617-16102009	WATER	N	4 Days - E	10/16/2009	10/20/2009	10/20/2009
	ST106-GW-10617-27012010	WATER	N	7 Days - E	1/27/2010	2/3/2010	2/4/2010
	ST106-GW-10618-19012010	WATER	N	2 Days - E	1/19/2010	1/21/2010	1/21/2010
	ST106-GW-10618-19012010	WATER	N	2 Days - E	1/19/2010	1/21/2010	1/22/2010
	ST106-GW-10619-15102009	WATER	N	5 Days - E	10/15/2009	10/20/2009	10/20/2009
	ST106-GW-10619-18012010	WATER	N	3 Days - E	1/18/2010	1/21/2010	1/21/2010
	ST106-GW-10620-16102009	WATER	N	4 Days - E	10/16/2009	10/20/2009	10/20/2009
	ST106-GW-10620-19012010	WATER	N	2 Days - E	1/19/2010	1/21/2010	1/21/2010
	ST106-GW-10621-14102009	WATER	N	6 Days - E	10/14/2009	10/20/2009	10/20/2009
	ST106-GW-10621-20012010	WATER	N	7 Days - E	1/20/2010	1/27/2010	1/27/2010
	ST106-GW-1062-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/15/2010
	ST106-GW-1062-12102009	WATER	N	2 Days - E	10/12/2009	10/14/2009	10/15/2009
	ST106-GW-10622-13102009	WATER	N	7 Days - E	10/13/2009	10/20/2009	10/20/2009
	ST106-GW-10622-20012010	WATER	N	7 Days - E	1/20/2010	1/27/2010	1/27/2010
	ST106-GW-10623-13102009	WATER	N	7 Days - E	10/13/2009	10/20/2009	10/20/2009
	ST106-GW-10623-21012010	WATER	N	6 Days - E	1/21/2010	1/27/2010	1/27/2010
	ST106-GW-10624-19102009	WATER	N	2 Days - E	10/19/2009	10/21/2009	10/21/2009
	ST106-GW-10624-22012010	WATER	N	5 Days - E	1/22/2010	1/27/2010	1/28/2010
	ST106-GW-10625-21012010	WATER	N	6 Days - E	1/21/2010	1/27/2010	1/27/2010
	ST106-GW-1063-13012010	WATER	N	6 Days - E	1/13/2010	1/19/2010	1/19/2010
	ST106-GW-1063-19102009	WATER	N	2 Days - E	10/19/2009	10/21/2009	10/21/2009
	ST106-GW-1064-12102009	WATER	N	2 Days - E	10/12/2009	10/14/2009	10/15/2009
	ST106-GW-1064-13012010	WATER	N	6 Days - E	1/13/2010	1/19/2010	1/20/2010
	ST106-GW-1067-09102009	WATER	N	5 Days - E	10/9/2009	10/14/2009	10/15/2009
	ST106-GW-1067-11012010	WATER	N	3 Days - E	1/11/2010	1/14/2010	1/14/2010
	ST106-GW-2819RC-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-2819RC-13012010	WATER	N	6 Days - E	1/13/2010	1/19/2010	1/20/2010
	ST106-GW-2819RC-13012010	WATER	N	8 Days - E	1/13/2010	1/21/2010	1/21/2010
	ST106-GW-3411-12102009	WATER	N	2 Days - E	10/12/2009	10/14/2009	10/15/2009
	ST106-GW-3411-14012010	WATER	N	5 Days - E	1/14/2010	1/19/2010	1/20/2010
	ST106-GW-IDWTANK-19102009	WATER	N	2 Days - E	10/19/2009	10/21/2009	10/21/2009
	ST106-GW-IDWtank-28012010	WATER	N	6 Days - E	1/28/2010	2/3/2010	2/4/2010
	ST106-GW-KAFB03-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-KAFB03-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/14/2010

Table B-5. Summary of Holding Times for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8310	ST106-GW-KAFB15-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-KAFB15-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/14/2010
	ST106-GW-KAFB16-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-KAFB16-12012010	WATER	N	2 Days - E	1/12/2010	1/14/2010	1/14/2010
	ST106-GW-VA-08102009	WATER	N	6 Days - E	10/8/2009	10/14/2009	10/15/2009
	ST106-GW-VA2-14012010	WATER	N	5 Days - E	1/14/2010	1/19/2010	1/20/2010

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

QA/QC Type

N = Normal Environmental Sample
FD = Field Duplicate

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
E300											
	011410MB	WATER	LB	2514700	Sulfate	1/14/2010	1	0.32	1	U	MG/L
	011710MB1		LB	2514687	Sulfate	1/17/2010	0.37	0.32	1	J	MG/L
	011710MB1		LB	2514717	Sulfate	1/17/2010	0.37	0.32	1	J	MG/L
	011910MB1		LB	2514700	Sulfate	1/19/2010	1	0.32	1	U	MG/L
	011910MB1		LB	2514737	Sulfate	1/19/2010	1	0.32	1	U	MG/L
	011910MB1		LB	2514777	Sulfate	1/19/2010	1	0.32	1	U	MG/L
	012110MB2		LB	2514809	Sulfate	1/22/2010	1	0.32	1	U	MG/L
	012110MB2		LB	2514801	Sulfate	1/22/2010	1	0.32	1	U	MG/L
	012110MB3		LB	2514823	Sulfate	1/22/2010	1	0.32	1	U	MG/L
	012810MB1		LB	2514835	Sulfate	1/28/2010	1	0.32	1	U	MG/L
	012810MB1		LB	2514809	Sulfate	1/28/2010	1	0.32	1	U	MG/L
	012910MB		LB	2514863	Sulfate	1/29/2010	1	0.32	1	U	MG/L
	012910MB		LB	2514878	Sulfate	1/29/2010	1	0.32	1	U	MG/L
	012910MB		LB	2514888	Sulfate	1/29/2010	1	0.32	1	U	MG/L
	1009090MB		LB	2513818	Nitrate	10/9/2009	10	0.013	10	U	MG/L
	1009090MB		LB	2513819	Nitrate	10/9/2009	10	0.013	10	U	MG/L
	1009090MB		LB	2513818	Sulfate	10/9/2009	0.53	0.062	1	J	MG/L
	1009090MB		LB	2513819	Sulfate	10/9/2009	0.53	0.062	1	J	MG/L
	1010090MB		LB	2513827	Nitrate	10/10/2009	10	0.013	10	U	MG/L
	1010090MB		LB	2513827	Sulfate	10/10/2009	0.55	0.062	1	J	MG/L
	101309MB		LB	2513832	Nitrate	10/13/2009	10	0.013	10	U	MG/L
	101309MB		LB	2513832	Sulfate	10/13/2009	1	0.062	1	U	MG/L
	101609MB		LB	2513858	Nitrate	10/16/2009	10	0.013	10	U	MG/L
	101609MB		LB	2513871	Nitrate	10/16/2009	10	0.013	10	U	MG/L
	101609MB		LB	2513871	Sulfate	10/16/2009	0.13	0.062	1	J	MG/L
	101609MB		LB	2513858	Sulfate	10/16/2009	0.13	0.062	1	J	MG/L
	101609MB2		LB	2513891	Nitrate	10/17/2009	10	0.013	10	U	MG/L
	101609MB2		LB	2513891	Sulfate	10/17/2009	0.11	0.062	1	J	MG/L
	102509MB1		LB	2513902	Nitrate	10/25/2009	10	0.013	10	U	MG/L
	102509MB1		LB	2513902	Sulfate	10/25/2009	1	0.062	1	U	MG/L
	102509MB2		LB	2513871	Nitrate	10/26/2009	10	0.013	10	U	MG/L
	102509MB2		LB	2513858	Nitrate	10/26/2009	10	0.013	10	U	MG/L
	102509MB2		LB	2513871	Sulfate	10/26/2009	1	0.062	1	U	MG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
E300											
	102509MB2	WATER	LB	2513858	Sulfate	10/26/2009	1	0.062	1	U	MG/L
	102709MB		LB	2513891	Nitrate	10/27/2009	0.062	0.013	10	J	MG/L
	102709MB		LB	2513891	Sulfate	10/27/2009	1	0.062	1	U	MG/L
	9101508-BLK1		LB	2513922	Nitrate	10/21/2009	0.1	0.028	0.1	U	MG/L
	9101508-BLK1		LB	2513925	Nitrate	10/21/2009	0.1	0.028	0.1	U	MG/L
	9101508-BLK2		LB	2513922	Nitrate	10/21/2009	0.1	0.028	0.1	U	MG/L
	9101667-BLK1		LB	2513927	Sulfate	10/22/2009	1	0.297	1	U	MG/L
	9101961-BLK1		LB	2513927	Nitrate	10/21/2009	0.1	0.028	0.1	U	MG/L
	9101961-BLK1		LB	2513925	Sulfate	10/21/2009	1	0.297	1	U	MG/L
	9101961-BLK1		LB	2513922	Sulfate	10/21/2009	1	0.297	1	U	MG/L
	9101961-BLK2		LB	2513922	Sulfate	10/21/2009	1	0.297	1	U	MG/L
	ST106-EB-TO313-19102009		EB	2513925	Nitrate	10/21/2009	0.1	0.028	0.1	U	MG/L
	ST106-EB-TO313-19102009		EB	2513925	Sulfate	10/21/2009	1	0.297	1	U	MG/L
	ST106-EB-TO96-20012010		EB	2514809	Sulfate	1/28/2010	0.94	0.32	1	J	MG/L
E310.1											
	21202MB	WATER	LB	2514717	Alkalinity, Total	1/15/2010	1	0.5	5	J	MG/L
	21206MB		LB	2514717	Alkalinity, Total	1/15/2010	1	0.5	5	J	MG/L
	21207MB		LB	2514717	Alkalinity, Total	1/15/2010	5	0.5	5	U	MG/L
	21372MB		LB	2514687	Alkalinity, Total	1/18/2010	5	0.5	5	U	MG/L
	21373MB		LB	2514687	Alkalinity, Total	1/18/2010	5	0.5	5	U	MG/L
	21515MB		LB	2514737	Alkalinity, Total	1/15/2010	5	0.5	5	U	MG/L
	21515MB		LB	2514700	Alkalinity, Total	1/15/2010	5	0.5	5	U	MG/L
	21516MB		LB	2514700	Alkalinity, Total	1/15/2010	1	0.5	5	J	MG/L
	21516MB		LB	2514737	Alkalinity, Total	1/15/2010	1	0.5	5	J	MG/L
	21517MB		LB	2514737	Alkalinity, Total	1/15/2010	1	0.5	5	J	MG/L
	21517MB		LB	2514700	Alkalinity, Total	1/15/2010	1	0.5	5	J	MG/L
	22860MB		LB	2514863	Alkalinity, Bicarbonate	1/28/2010	5	0.5	5	U	MG/L
	22860MB		LB	2514863	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22860MB		LB	2514835	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22860MB		LB	2514801	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22860MB		LB	2514823	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22860MB		LB	2514809	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22860MB		LB	2514777	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
E310.1											
	22863MB	WATER	LB	2514863	Alkalinity, Bicarbonate	1/28/2010	5	0.5	5	U	MG/L
	22863MB		LB	2514835	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22863MB		LB	2514863	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22863MB		LB	2514809	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22863MB		LB	2514777	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22863MB		LB	2514823	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22863MB		LB	2514801	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22864MB		LB	2514863	Alkalinity, Bicarbonate	1/28/2010	5	0.5	5	U	MG/L
	22864MB		LB	2514863	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22864MB		LB	2514835	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	22864MB		LB	2514823	Alkalinity, Total	1/28/2010	5	0.5	5	U	MG/L
	23560MB		LB	2514878	Alkalinity, Total	2/4/2010	5	0.5	5	U	MG/L
	23562MB		LB	2514878	Alkalinity, Total	2/4/2010	5	0.5	5	U	MG/L
	ST106-EB-TO96-20012010		EB	2514809	Alkalinity, Bicarbonate	1/28/2010	2	0.5	5	J	MG/L
	ST106-EB-TO96-20012010		EB	2514809	Alkalinity, Carbonate	1/28/2010	5	0.5	5	U	MG/L
	ST106-EB-TO96-20012010		EB	2514809	Alkalinity, Total	1/28/2010	2	0.5	5	J	MG/L
E353.2											
	22019MB	WATER	LB	2514687	Nitrate	1/12/2010	0.1	0.001	0.1	U	MG/L
	22211MB		LB	2514700	Nitrate	1/13/2010	0.00231	0.001	0.1	J	MG/L
	22254MB		LB	2514717	Nitrate	1/14/2010	0.1	0.001	0.1	U	MG/L
	22432MB		LB	2514801	Nitrate	1/20/2010	0.0104	0.001	0.1	J	MG/L
	22574MB		LB	2514737	Nitrate	1/15/2010	0.1	0.001	0.1	U	MG/L
	22622MB		LB	2514777	Nitrate	1/19/2010	0.1	0.001	0.1	U	MG/L
	22981MB		LB	2514809	Nitrate	1/21/2010	0.1	0.001	0.1	U	MG/L
	23185MB		LB	2514863	Nitrate	1/27/2010	0.1	0.001	0.1	U	MG/L
	23217MB		LB	2514888	Nitrate	1/29/2010	0.0111	0.001	0.1	F	MG/L
	23317MB		LB	2514823	Nitrate	1/22/2010	0.1	0.001	0.1	U	MG/L
	23362MB		LB	2514835	Nitrate	1/23/2010	0.00792	0.001	0.1	J	MG/L
	23491MB		LB	2514878	Nitrate	1/28/2010	0.00153	0.001	0.1	J	MG/L
	9101631-BLK1		LB	2513925	Nitrate	10/21/2009	0.01	0.005	0.01	U	MG/L
	ST106-EB-TO313-19102009		EB	2513925	Nitrate	10/21/2009	0.01	0.005	0.01	U	MG/L
	ST106-EB-TO96-20012010		EB	2514809	Nitrate	1/21/2010	0.1	0.004	0.1	U	MG/L
SW6010B											

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW6010B											
	293148BLK	WATER	LB	2513827	Iron	10/20/2009	18.1	5.5	100	J	UG/L
	293148BLK		LB	2513819	Iron	10/20/2009	18.1	5.5	100	J	UG/L
	293148BLK		LB	2513818	Iron	10/20/2009	18.1	5.5	100	J	UG/L
	293148BLK		LB	2513818	Manganese	10/20/2009	10	0.35	10	U	UG/L
	293148BLK		LB	2513827	Manganese	10/20/2009	10	0.35	10	U	UG/L
	293148BLK		LB	2513819	Manganese	10/20/2009	10	0.35	10	U	UG/L
	293257BLK		LB	2513858	Iron	10/16/2009	100	5.5	100	U	UG/L
	293257BLK		LB	2513858	Manganese	10/16/2009	10	0.35	10	U	UG/L
	293373BLK		LB	2513891	Iron	10/20/2009	100	5.5	100	U	UG/L
	293373BLK		LB	2513891	Manganese	10/20/2009	10	0.35	10	U	UG/L
	293517BLK		LB	2513832	Iron	10/21/2009	14.9	5.5	100	J	UG/L
	293517BLK		LB	2513871	Iron	10/21/2009	14.9	5.5	100	J	UG/L
	293517BLK		LB	2513871	Manganese	10/21/2009	10	0.35	10	U	UG/L
	293517BLK		LB	2513832	Manganese	10/21/2009	10	0.35	10	U	UG/L
	293652BLK		LB	2513902	Iron	10/23/2009	100	5.5	100	U	UG/L
	293652BLK		LB	2513902	Manganese	10/23/2009	10	0.35	10	U	UG/L
	293655BLK		LB	2513925	Iron	10/23/2009	5.82	5.5	100	J	UG/L
	293655BLK		LB	2513922	Iron	10/23/2009	5.82	5.5	100	J	UG/L
	293655BLK		LB	2513922	Manganese	10/23/2009	10	0.35	10	U	UG/L
	293655BLK		LB	2513925	Manganese	10/23/2009	10	0.35	10	U	UG/L
	293803BLK		LB	2513927	Iron	11/2/2009	24.8	5.5	100	J	UG/L
	293803BLK		LB	2513927	Manganese	11/2/2009	10	0.35	10	U	UG/L
	297802BLK		LB	2514687	Iron	1/13/2010	100	5.5	100	U	UG/L
	297802BLK		LB	2514687	Manganese	1/13/2010	10	0.35	10	U	UG/L
	297922BLK		LB	2514700	Iron	1/16/2010	100	5.5	100	U	UG/L
	297922BLK		LB	2514700	Manganese	1/16/2010	10	0.35	10	U	UG/L
	298051BLK		LB	2514737	Iron	1/27/2010	100	5.5	100	U	UG/L
	298051BLK		LB	2514717	Iron	1/27/2010	100	5.5	100	U	UG/L
	298051BLK		LB	2514737	Manganese	1/27/2010	10	0.35	10	U	UG/L
	298051BLK		LB	2514717	Manganese	1/27/2010	10	0.35	10	U	UG/L
	298434BLK		LB	2514835	Iron	1/26/2010	100	5.5	100	U	UG/L
	298434BLK		LB	2514835	Manganese	1/26/2010	10	0.35	10	U	UG/L
	298579BLK		LB	2514777	Iron	2/1/2010	100	5.5	100	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW6010B											
	298579BLK	WATER	LB	2514809	Iron	2/1/2010	100	5.5	100	U	UG/L
	298579BLK		LB	2514801	Iron	2/1/2010	100	5.5	100	U	UG/L
	298579BLK		LB	2514801	Manganese	2/1/2010	10	0.35	10	U	UG/L
	298579BLK		LB	2514809	Manganese	2/1/2010	10	0.35	10	U	UG/L
	298579BLK		LB	2514777	Manganese	2/1/2010	10	0.35	10	U	UG/L
	298724BLK		LB	2514863	Iron	2/1/2010	100	5.5	100	U	UG/L
	298724BLK		LB	2514863	Manganese	2/1/2010	10	0.35	10	U	UG/L
	298727BLK		LB	2514878	Iron	2/1/2010	100	5.5	100	U	UG/L
	298727BLK		LB	2514823	Iron	2/1/2010	100	5.5	100	U	UG/L
	298727BLK		LB	2514878	Manganese	2/1/2010	10	0.35	10	U	UG/L
	298727BLK		LB	2514823	Manganese	2/1/2010	10	0.35	10	U	UG/L
	298774BLK		LB	2514888	Iron	2/3/2010	100	5.5	100	U	UG/L
	298774BLK		LB	2514888	Manganese	2/3/2010	10	0.35	10	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Iron, dissolved	10/23/2009	33.4	5.5	100	J	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Manganese, dissolved	10/23/2009	10	0.35	10	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Iron, dissolved	2/1/2010	100	5.5	100	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Manganese, dissolved	2/1/2010	10	0.35	10	U	UG/L
SW8011											
	059MB	WATER	LB	2513925	1,2-Dibromoethane	10/22/2009	0.0197	0.006	0.02	U	UG/L
	059MB		LB	2513927	1,2-Dibromoethane	10/22/2009	0.0197	0.006	0.02	U	UG/L
	059MB		LB	2513922	1,2-Dibromoethane	10/22/2009	0.0197	0.006	0.02	U	UG/L
	059MB		LB	2513871	1,2-Dibromoethane	10/22/2009	0.0197	0.006	0.02	U	UG/L
	059MB		LB	2513902	1,2-Dibromoethane	10/22/2009	0.0197	0.006	0.02	U	UG/L
	059MB		LB	2513891	1,2-Dibromoethane	10/22/2009	0.0197	0.006	0.02	U	UG/L
	442BLK		LB	2514687	1,2-Dibromoethane	1/18/2010	0.02	0.006	0.02	U	UG/L
	442BLK		LB	2514737	1,2-Dibromoethane	1/18/2010	0.02	0.006	0.02	U	UG/L
	442BLK		LB	2514717	1,2-Dibromoethane	1/18/2010	0.02	0.006	0.02	U	UG/L
	442BLK		LB	2514700	1,2-Dibromoethane	1/18/2010	0.02	0.006	0.02	U	UG/L
	492BLK		LB	2514777	1,2-Dibromoethane	2/4/2010	0.02	0.006	0.02	U	UG/L
	492BLK		LB	2514801	1,2-Dibromoethane	2/4/2010	0.02	0.006	0.02	U	UG/L
	494BLK		LB	2514809	1,2-Dibromoethane	2/4/2010	0.02	0.006	0.02	U	UG/L
	495BLK		LB	2514835	1,2-Dibromoethane	2/5/2010	0.02	0.006	0.02	U	UG/L
	495BLK		LB	2514824	1,2-Dibromoethane	1/29/2010	0.02	0.006	0.02	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8011											
	495BLK	WATER	LB	2514823	1,2-Dibromoethane	2/5/2010	0.02	0.006	0.02	U	UG/L
	6994BLK		LB	2513832	1,2-Dibromoethane	10/15/2009	0.02	0.006	0.02	U	UG/L
	6994BLK		LB	2513818	1,2-Dibromoethane	10/15/2009	0.02	0.006	0.02	U	UG/L
	6994BLK		LB	2513827	1,2-Dibromoethane	10/15/2009	0.02	0.006	0.02	U	UG/L
	6994BLK		LB	2513819	1,2-Dibromoethane	10/15/2009	0.02	0.006	0.02	U	UG/L
	6995BLK		LB	2513858	1,2-Dibromoethane	10/16/2009	0.02	0.006	0.02	U	UG/L
	7316BLK		LB	2514463	1,2-Dibromoethane	12/21/2009	0.0198	0.006	0.02	U	UG/L
	7537BLK		LB	2514863	1,2-Dibromoethane	2/2/2010	0.02	0.006	0.02	U	UG/L
	7537BLK		LB	2514878	1,2-Dibromoethane	2/2/2010	0.02	0.006	0.02	U	UG/L
	7537BLK		LB	2514859	1,2-Dibromoethane	2/2/2010	0.02	0.006	0.02	U	UG/L
	7538BLK		LB	2514890	1,2-Dibromoethane	2/3/2010	0.0199	0.006	0.02	U	UG/L
	7538BLK		LB	2514888	1,2-Dibromoethane	2/3/2010	0.0199	0.006	0.02	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2-Dibromoethane	10/23/2009	0.0196	0.006	0.02	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2-Dibromoethane	2/5/2010	0.02	0.006	0.02	U	UG/L
SW8015-E											
	6989MB	WATER	LB	2513819	TPH C10-C28	10/15/2009	0.11	0.05	0.25	J	MG/L
	6989MB		LB	2513832	TPH C10-C28	10/15/2009	0.11	0.05	0.25	J	MG/L
	6989MB		LB	2513827	TPH C10-C28	10/15/2009	0.11	0.05	0.25	J	MG/L
	6989MB		LB	2513818	TPH C10-C28	10/15/2009	0.11	0.05	0.25	J	MG/L
	7037BLK		LB	2513871	TPH C10-C28	10/20/2009	0.1	0.05	0.25	J	MG/L
	7037BLK		LB	2513902	TPH C10-C28	10/20/2009	0.1	0.05	0.25	J	MG/L
	7037BLK		LB	2513891	TPH C10-C28	10/20/2009	0.1	0.05	0.25	J	MG/L
	7037BLK		LB	2513858	TPH C10-C28	10/20/2009	0.1	0.05	0.25	J	MG/L
	7051MB		LB	2513922	TPH C10-C28	10/21/2009	0.15	0.05	0.25	J	MG/L
	7051MB		LB	2513925	TPH C10-C28	10/21/2009	0.15	0.05	0.25	J	MG/L
	7051MB		LB	2513927	TPH C10-C28	10/21/2009	0.15	0.05	0.25	J	MG/L
	7071BLK		LB	2513925	TPH C10-C28	10/28/2009	0.25	0.05	0.25	U	MG/L
	7312BLK		LB	2514463	TPH C10-C28	12/16/2009	0.25	0.05	0.25	U	MG/L
	7338BLK		LB	2514463	TPH C10-C28	12/18/2009	0.25	0.05	0.25	U	MG/L
	7448MB1		LB	2514737	TPH C10-C28	1/21/2010	0.25	0.05	0.25	U	MG/L
	7452MB		LB	2514687	TPH C10-C28	1/20/2010	0.25	0.05	0.25	U	MG/L
	7452MB		LB	2514700	TPH C10-C28	1/20/2010	0.25	0.05	0.25	U	MG/L
	7452MB		LB	2514717	TPH C10-C28	1/20/2010	0.25	0.05	0.25	U	MG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8015-E											
	7470BLK	WATER	LB	2514801	TPH C10-C28	1/22/2010	0.25	0.05	0.25	U	MG/L
	7470BLK		LB	2514777	TPH C10-C28	1/22/2010	0.25	0.05	0.25	U	MG/L
	7508MB		LB	2514835	TPH C10-C28	1/27/2010	0.25	0.05	0.25	U	MG/L
	7508MB		LB	2514809	TPH C10-C28	1/27/2010	0.25	0.05	0.25	U	MG/L
	7508MB		LB	2514823	TPH C10-C28	1/27/2010	0.25	0.05	0.25	U	MG/L
	7533MB		LB	2514878	TPH C10-C28	2/2/2010	0.25	0.05	0.25	U	MG/L
	7533MB		LB	2514863	TPH C10-C28	2/2/2010	0.25	0.05	0.25	U	MG/L
	7533MB		LB	2514888	TPH C10-C28	2/2/2010	0.25	0.05	0.25	U	MG/L
	ST106-EB-TO313-19102009		EB	2513925	TPH C10-C28	10/21/2009	0.12	0.052	0.26	J	MG/L
	ST106-EB-TO96-20012010		EB	2514809	TPH C10-C28	1/27/2010	0.073	0.047	0.24	J	MG/L
SW8015-P											
	0115BLK1	WATER	LB	2514687	TPH C6-C10	1/15/2010	0.064	0.009	0.064	U	MG/L
	0115BLK1		LB	2514700	TPH C6-C10	1/15/2010	0.064	0.009	0.064	U	MG/L
	0118BLK1		LB	2514737	TPH C6-C10	1/18/2010	0.064	0.009	0.064	U	MG/L
	0118BLK1		LB	2514717	TPH C6-C10	1/18/2010	0.064	0.009	0.064	U	MG/L
	0118BLK1		LB	2514700	TPH C6-C10	1/18/2010	0.064	0.009	0.064	U	MG/L
	0125BLK1		LB	2514835	TPH C6-C10	1/25/2010	0.064	0.009	0.064	U	MG/L
	0125BLK1		LB	2514777	TPH C6-C10	1/25/2010	0.064	0.009	0.064	U	MG/L
	0125BLK1		LB	2514801	TPH C6-C10	1/25/2010	0.064	0.009	0.064	U	MG/L
	0125BLK1		LB	2514824	TPH C6-C10	1/25/2010	0.064	0.009	0.064	U	MG/L
	0125BLK1		LB	2514809	TPH C6-C10	1/25/2010	0.064	0.009	0.064	U	MG/L
	0127BLK1		LB	2514801	TPH C6-C10	1/27/2010	0.064	0.009	0.064	U	MG/L
	0127BLK1		LB	2514809	TPH C6-C10	1/27/2010	0.064	0.009	0.064	U	MG/L
	0127BLK1		LB	2514823	TPH C6-C10	1/27/2010	0.064	0.009	0.064	U	MG/L
	0203BLK1		LB	2514878	TPH C6-C10	2/3/2010	0.064	0.009	0.064	U	MG/L
	0203BLK1		LB	2514863	TPH C6-C10	2/3/2010	0.064	0.009	0.064	U	MG/L
	0203BLK1		LB	2514888	TPH C6-C10	2/3/2010	0.064	0.009	0.064	U	MG/L
	1013BLK3		LB	2513818	TPH C6-C10	10/13/2009	0.064	0.008	0.064	U	MG/L
	1013BLK3		LB	2513819	TPH C6-C10	10/13/2009	0.064	0.008	0.064	U	MG/L
	1014BLK2		LB	2513827	TPH C6-C10	10/15/2009	0.064	0.009	0.064	U	MG/L
	1020BLK1		LB	2513832	TPH C6-C10	10/20/2009	0.064	0.009	0.064	U	MG/L
	1020BLK1		LB	2513891	TPH C6-C10	10/20/2009	0.064	0.009	0.064	U	MG/L
	1020BLK1		LB	2513871	TPH C6-C10	10/20/2009	0.064	0.009	0.064	U	MG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8015-P											
	1020BLK1	WATER	LB	2513858	TPH C6-C10	10/20/2009	0.064	0.009	0.064	U	MG/L
	1022BLK2		LB	2513925	TPH C6-C10	10/22/2009	0.064	0.009	0.064	U	MG/L
	1022BLK2		LB	2513902	TPH C6-C10	10/22/2009	0.064	0.009	0.064	U	MG/L
	1022BLK2		LB	2513832	TPH C6-C10	10/22/2009	0.064	0.009	0.064	U	MG/L
	1022BLK2		LB	2513922	TPH C6-C10	10/22/2009	0.064	0.009	0.064	U	MG/L
	1026BLK1		LB	2513927	TPH C6-C10	10/26/2009	0.064	0.009	0.064	U	MG/L
	1216BLK1		LB	2514463	TPH C6-C10	12/16/2009	0.064	0.009	0.064	U	MG/L
	ST106-EB-TO313-19102009		EB	2513925	TPH C6-C10	10/22/2009	0.064	0.009	0.064	U	MG/L
	ST106-EB-TO96-20012010		EB	2514809	TPH C6-C10	1/25/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-11012010		TB	2514687	TPH C6-C10	1/15/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-12112009		TB	2514463	TPH C6-C10	12/16/2009	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO038-1-12102009		TB	2513832	TPH C6-C10	10/22/2009	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO096-1-13102009		TB	2513858	TPH C6-C10	10/20/2009	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO096-1-19102009		TB	2513925	TPH C6-C10	10/22/2009	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO313-1-09102009		TB	2513827	TPH C6-C10	10/15/2009	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO313-2-16102009		TB	2513902	TPH C6-C10	10/22/2009	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO313-5-15102009		TB	2513891	TPH C6-C10	10/20/2009	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO96-10-22012010		TB	2514835	TPH C6-C10	1/25/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO96-12-26012010		TB	2514863	TPH C6-C10	2/3/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO96-13-27012010		TB	2514878	TPH C6-C10	2/3/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO96-20012010		TB	2514809	TPH C6-C10	1/25/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO96-2-12012010		TB	2514700	TPH C6-C10	1/15/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO96-3-13012010		TB	2514717	TPH C6-C10	1/18/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO96-4-14012010		TB	2514737	TPH C6-C10	1/18/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO96-5-18012010		TB	2514777	TPH C6-C10	1/25/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO96-6-19012010		TB	2514801	TPH C6-C10	1/25/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO96-8-21012010		TB	2514824	TPH C6-C10	1/25/2010	0.064	0.009	0.064	U	MG/L
	ST106-TB-TO96-9-21012010		TB	2514823	TPH C6-C10	1/27/2010	0.064	0.009	0.064	U	MG/L
SW8260B											
	0113BLK52	WATER	LB	2514687	1,1,1,2-Tetrachloroethane	1/13/2010	1	0.14	1	U	UG/L
	0113BLK52		LB	2514687	1,1,1-Trichloroethane	1/13/2010	1	0.14	1	U	UG/L
	0113BLK52		LB	2514687	1,1,2,2-Tetrachloroethane	1/13/2010	1	0.13	1	U	UG/L
	0113BLK52		LB	2514687	1,1,2-Trichloroethane	1/13/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	0113BLK52	WATER	LB	2514687	1,1-Dichloroethane	1/13/2010	1	0.15	1	U	UG/L
	0113BLK52		LB	2514687	1,1-Dichloroethene	1/13/2010	1	0.19	1	U	UG/L
	0113BLK52		LB	2514687	1,1-Dichloropropene	1/13/2010	1	0.3	1	U	UG/L
	0113BLK52		LB	2514687	1,2,3-Trichlorobenzene	1/13/2010	1.2	0.16	1.2	U	UG/L
	0113BLK52		LB	2514687	1,2,3-Trichloropropane	1/13/2010	1.5	0.35	1.5	U	UG/L
	0113BLK52		LB	2514687	1,2,4-Trichlorobenzene	1/13/2010	1	0.11	1	U	UG/L
	0113BLK52		LB	2514687	1,2,4-Trimethylbenzene	1/13/2010	1	0.13	1	U	UG/L
	0113BLK52		LB	2514687	1,2-Dibromo-3-chloropropane	1/13/2010	5	1	5	U	UG/L
	0113BLK52		LB	2514687	1,2-Dibromoethane	1/13/2010	1	0.11	1	U	UG/L
	0113BLK52		LB	2514687	1,2-Dichlorobenzene	1/13/2010	1	0.077	1	U	UG/L
	0113BLK52		LB	2514687	1,2-Dichloroethane	1/13/2010	1	0.15	1	U	UG/L
	0113BLK52		LB	2514687	1,2-Dichloropropane	1/13/2010	1	0.15	1	U	UG/L
	0113BLK52		LB	2514687	1,3,5-Trimethylbenzene	1/13/2010	1	0.14	1	U	UG/L
	0113BLK52		LB	2514687	1,3-Dichlorobenzene	1/13/2010	1	0.15	1	U	UG/L
	0113BLK52		LB	2514687	1,3-Dichloropropane	1/13/2010	1	0.3	1	U	UG/L
	0113BLK52		LB	2514687	1,4-Dichlorobenzene	1/13/2010	1	0.15	1	U	UG/L
	0113BLK52		LB	2514687	2,2-Dichloropropane	1/13/2010	5	0.17	5	U	UG/L
	0113BLK52		LB	2514687	2-Butanone	1/13/2010	6	2	6	U	UG/L
	0113BLK52		LB	2514687	2-Chlorotoluene	1/13/2010	1	0.072	1	U	UG/L
	0113BLK52		LB	2514687	2-Hexanone	1/13/2010	5	0.48	5	U	UG/L
	0113BLK52		LB	2514687	4-Chlorotoluene	1/13/2010	1	0.15	1	U	UG/L
	0113BLK52		LB	2514687	4-Methyl-2-Pentanone	1/13/2010	5	1	5	U	UG/L
	0113BLK52		LB	2514687	Acetone	1/13/2010	10	1.3	10	U	UG/L
	0113BLK52		LB	2514687	Benzene	1/13/2010	1	0.17	1	U	UG/L
	0113BLK52		LB	2514687	Bromobenzene	1/13/2010	1	0.21	1	U	UG/L
	0113BLK52		LB	2514687	Bromochloromethane	1/13/2010	1	0.17	1	U	UG/L
	0113BLK52		LB	2514687	Bromodichloromethane	1/13/2010	1	0.15	1	U	UG/L
	0113BLK52		LB	2514687	Bromoform	1/13/2010	1	0.19	1	U	UG/L
	0113BLK52		LB	2514687	Bromomethane	1/13/2010	2	0.43	2	U	UG/L
	0113BLK52		LB	2514687	Carbon disulfide	1/13/2010	2	0.19	2	U	UG/L
	0113BLK52		LB	2514687	Carbon tetrachloride	1/13/2010	1	0.14	1	U	UG/L
	0113BLK52		LB	2514687	Chlorobenzene	1/13/2010	1	0.16	1	U	UG/L
	0113BLK52		LB	2514687	Chloroethane	1/13/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	0113BLK52	WATER	LB	2514687	Chloroform	1/13/2010	1	0.16	1	U	UG/L
	0113BLK52		LB	2514687	Chloromethane	1/13/2010	2	0.32	2	U	UG/L
	0113BLK52		LB	2514687	cis-1,2-Dichloroethene	1/13/2010	1	0.19	1	U	UG/L
	0113BLK52		LB	2514687	cis-1,3-Dichloropropene	1/13/2010	1	0.12	1	U	UG/L
	0113BLK52		LB	2514687	Dibromochloromethane	1/13/2010	1	0.13	1	U	UG/L
	0113BLK52		LB	2514687	Dibromomethane	1/13/2010	1.1	0.11	1.1	U	UG/L
	0113BLK52		LB	2514687	Dichlorodifluoromethane	1/13/2010	2	0.17	2	U	UG/L
	0113BLK52		LB	2514687	Ethylbenzene	1/13/2010	1	0.22	1	U	UG/L
	0113BLK52		LB	2514687	Hexachlorobutadiene	1/13/2010	1	0.36	1	U	UG/L
	0113BLK52		LB	2514687	Isopropylbenzene	1/13/2010	1	0.14	1	U	UG/L
	0113BLK52		LB	2514687	m,p-Xylene	1/13/2010	2	0.23	2	U	UG/L
	0113BLK52		LB	2514687	Methyl tert-butyl ether (MTBE)	1/13/2010	5	0.16	5	U	UG/L
	0113BLK52		LB	2514687	Methylene chloride	1/13/2010	5	0.66	5	U	UG/L
	0113BLK52		LB	2514687	Naphthalene	1/13/2010	1	0.5	1	U	UG/L
	0113BLK52		LB	2514687	n-Butylbenzene	1/13/2010	1	0.16	1	U	UG/L
	0113BLK52		LB	2514687	n-Propylbenzene	1/13/2010	1	0.14	1	U	UG/L
	0113BLK52		LB	2514687	o-Xylene	1/13/2010	1	0.5	1	U	UG/L
	0113BLK52		LB	2514687	p-Isopropyltoluene	1/13/2010	1	0.14	1	U	UG/L
	0113BLK52		LB	2514687	sec-Butylbenzene	1/13/2010	1	0.1	1	U	UG/L
	0113BLK52		LB	2514687	Styrene	1/13/2010	1	0.12	1	U	UG/L
	0113BLK52		LB	2514687	tert-Butylbenzene	1/13/2010	1	0.2	1	U	UG/L
	0113BLK52		LB	2514687	Tetrachloroethene	1/13/2010	1	0.21	1	U	UG/L
	0113BLK52		LB	2514687	Toluene	1/13/2010	1	0.14	1	U	UG/L
	0113BLK52		LB	2514687	Trans-1,2-Dichloroethene	1/13/2010	1	0.33	1	U	UG/L
	0113BLK52		LB	2514687	trans-1,3-Dichloropropene	1/13/2010	1	0.3	1	U	UG/L
	0113BLK52		LB	2514687	Trichloroethene	1/13/2010	1	0.19	1	U	UG/L
	0113BLK52		LB	2514687	Trichlorofluoromethane	1/13/2010	2	0.12	2	U	UG/L
	0113BLK52		LB	2514687	Vinyl Chloride	1/13/2010	1	0.18	1	U	UG/L
	0113BLK52		LB	2514687	Xylenes, Total	1/13/2010	3	0.5	3	U	UG/L
	011510BLKA32		LB	2514700	1,1,1,2-Tetrachloroethane	1/15/2010	1	0.14	1	U	UG/L
	011510BLKA32		LB	2514700	1,1,1-Trichloroethane	1/15/2010	1	0.14	1	U	UG/L
	011510BLKA32		LB	2514700	1,1,2,2-Tetrachloroethane	1/15/2010	1	0.13	1	U	UG/L
	011510BLKA32		LB	2514700	1,1,2-Trichloroethane	1/15/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	011510BLKA32	WATER	LB	2514700	1,1-Dichloroethane	1/15/2010	1	0.15	1	U	UG/L
	011510BLKA32		LB	2514700	1,1-Dichloroethene	1/15/2010	1	0.19	1	U	UG/L
	011510BLKA32		LB	2514700	1,1-Dichloropropene	1/15/2010	1	0.3	1	U	UG/L
	011510BLKA32		LB	2514700	1,2,3-Trichlorobenzene	1/15/2010	1.2	0.16	1.2	U	UG/L
	011510BLKA32		LB	2514700	1,2,3-Trichloropropane	1/15/2010	1.5	0.35	1.5	U	UG/L
	011510BLKA32		LB	2514700	1,2,4-Trichlorobenzene	1/15/2010	1	0.11	1	U	UG/L
	011510BLKA32		LB	2514700	1,2,4-Trimethylbenzene	1/15/2010	1	0.13	1	U	UG/L
	011510BLKA32		LB	2514700	1,2-Dibromo-3-chloropropane	1/15/2010	5	1	5	U	UG/L
	011510BLKA32		LB	2514700	1,2-Dibromoethane	1/15/2010	1	0.11	1	U	UG/L
	011510BLKA32		LB	2514700	1,2-Dichlorobenzene	1/15/2010	1	0.077	1	U	UG/L
	011510BLKA32		LB	2514700	1,2-Dichloroethane	1/15/2010	1	0.15	1	U	UG/L
	011510BLKA32		LB	2514700	1,2-Dichloropropane	1/15/2010	1	0.15	1	U	UG/L
	011510BLKA32		LB	2514700	1,3,5-Trimethylbenzene	1/15/2010	1	0.14	1	U	UG/L
	011510BLKA32		LB	2514700	1,3-Dichlorobenzene	1/15/2010	1	0.15	1	U	UG/L
	011510BLKA32		LB	2514700	1,3-Dichloropropane	1/15/2010	1	0.3	1	U	UG/L
	011510BLKA32		LB	2514700	1,4-Dichlorobenzene	1/15/2010	1	0.15	1	U	UG/L
	011510BLKA32		LB	2514700	2,2-Dichloropropane	1/15/2010	5	0.17	5	U	UG/L
	011510BLKA32		LB	2514700	2-Butanone	1/15/2010	6	2	6	U	UG/L
	011510BLKA32		LB	2514700	2-Chlorotoluene	1/15/2010	1	0.072	1	U	UG/L
	011510BLKA32		LB	2514700	2-Hexanone	1/15/2010	5	0.48	5	U	UG/L
	011510BLKA32		LB	2514700	4-Chlorotoluene	1/15/2010	1	0.15	1	U	UG/L
	011510BLKA32		LB	2514700	4-Methyl-2-Pentanone	1/15/2010	5	1	5	U	UG/L
	011510BLKA32		LB	2514700	Acetone	1/15/2010	10	1.3	10	U	UG/L
	011510BLKA32		LB	2514700	Benzene	1/15/2010	1	0.17	1	U	UG/L
	011510BLKA32		LB	2514700	Bromobenzene	1/15/2010	1	0.21	1	U	UG/L
	011510BLKA32		LB	2514700	Bromochloromethane	1/15/2010	1	0.17	1	U	UG/L
	011510BLKA32		LB	2514700	Bromodichloromethane	1/15/2010	1	0.15	1	U	UG/L
	011510BLKA32		LB	2514700	Bromoform	1/15/2010	1	0.19	1	U	UG/L
	011510BLKA32		LB	2514700	Bromomethane	1/15/2010	2	0.43	2	U	UG/L
	011510BLKA32		LB	2514700	Carbon disulfide	1/15/2010	2	0.19	2	U	UG/L
	011510BLKA32		LB	2514700	Carbon tetrachloride	1/15/2010	1	0.14	1	U	UG/L
	011510BLKA32		LB	2514700	Chlorobenzene	1/15/2010	1	0.16	1	U	UG/L
	011510BLKA32		LB	2514700	Chloroethane	1/15/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	011510BLKA32	WATER	LB	2514700	Chloroform	1/15/2010	1	0.16	1	U	UG/L
	011510BLKA32		LB	2514700	Chloromethane	1/15/2010	2	0.32	2	U	UG/L
	011510BLKA32		LB	2514700	cis-1,2-Dichloroethene	1/15/2010	1	0.19	1	U	UG/L
	011510BLKA32		LB	2514700	cis-1,3-Dichloropropene	1/15/2010	1	0.12	1	U	UG/L
	011510BLKA32		LB	2514700	Dibromochloromethane	1/15/2010	1	0.13	1	U	UG/L
	011510BLKA32		LB	2514700	Dibromomethane	1/15/2010	1.1	0.11	1.1	U	UG/L
	011510BLKA32		LB	2514700	Dichlorodifluoromethane	1/15/2010	2	0.17	2	U	UG/L
	011510BLKA32		LB	2514700	Ethylbenzene	1/15/2010	1	0.22	1	U	UG/L
	011510BLKA32		LB	2514700	Hexachlorobutadiene	1/15/2010	1	0.36	1	U	UG/L
	011510BLKA32		LB	2514700	Isopropylbenzene	1/15/2010	1	0.14	1	U	UG/L
	011510BLKA32		LB	2514700	m,p-Xylene	1/15/2010	2	0.23	2	U	UG/L
	011510BLKA32		LB	2514700	Methyl tert-butyl ether (MTBE)	1/15/2010	5	0.16	5	U	UG/L
	011510BLKA32		LB	2514700	Methylene chloride	1/15/2010	5	0.66	5	U	UG/L
	011510BLKA32		LB	2514700	Naphthalene	1/15/2010	1	0.5	1	U	UG/L
	011510BLKA32		LB	2514700	n-Butylbenzene	1/15/2010	1	0.16	1	U	UG/L
	011510BLKA32		LB	2514700	n-Propylbenzene	1/15/2010	1	0.14	1	U	UG/L
	011510BLKA32		LB	2514700	o-Xylene	1/15/2010	1	0.5	1	U	UG/L
	011510BLKA32		LB	2514700	p-Isopropyltoluene	1/15/2010	1	0.14	1	U	UG/L
	011510BLKA32		LB	2514700	sec-Butylbenzene	1/15/2010	1	0.1	1	U	UG/L
	011510BLKA32		LB	2514700	Styrene	1/15/2010	1	0.12	1	U	UG/L
	011510BLKA32		LB	2514700	tert-Butylbenzene	1/15/2010	1	0.2	1	U	UG/L
	011510BLKA32		LB	2514700	Tetrachloroethene	1/15/2010	1	0.21	1	U	UG/L
	011510BLKA32		LB	2514700	Toluene	1/15/2010	1	0.14	1	U	UG/L
	011510BLKA32		LB	2514700	Trans-1,2-Dichloroethene	1/15/2010	1	0.33	1	U	UG/L
	011510BLKA32		LB	2514700	trans-1,3-Dichloropropene	1/15/2010	1	0.3	1	U	UG/L
	011510BLKA32		LB	2514700	Trichloroethene	1/15/2010	1	0.19	1	U	UG/L
	011510BLKA32		LB	2514700	Trichlorofluoromethane	1/15/2010	2	0.12	2	U	UG/L
	011510BLKA32		LB	2514700	Vinyl Chloride	1/15/2010	1	0.18	1	U	UG/L
	011510BLKA32		LB	2514700	Xylenes, Total	1/15/2010	3	0.5	3	U	UG/L
	011810BLKA32		LB	2514737	1,1,1,2-Tetrachloroethane	1/18/2010	1	0.14	1	U	UG/L
	011810BLKA32		LB	2514737	1,1,1-Trichloroethane	1/18/2010	1	0.14	1	U	UG/L
	011810BLKA32		LB	2514737	1,1,2,2-Tetrachloroethane	1/18/2010	1	0.13	1	U	UG/L
	011810BLKA32		LB	2514737	1,1,2-Trichloroethane	1/18/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	011810BLKA32	WATER	LB	2514737	1,1-Dichloroethane	1/18/2010	1	0.15	1	U	UG/L
	011810BLKA32		LB	2514737	1,1-Dichloroethene	1/18/2010	1	0.19	1	U	UG/L
	011810BLKA32		LB	2514737	1,1-Dichloropropene	1/18/2010	1	0.3	1	U	UG/L
	011810BLKA32		LB	2514737	1,2,3-Trichlorobenzene	1/18/2010	1.2	0.16	1.2	U	UG/L
	011810BLKA32		LB	2514737	1,2,3-Trichloropropane	1/18/2010	1.5	0.35	1.5	R	UG/L
	011810BLKA32		LB	2514737	1,2,4-Trichlorobenzene	1/18/2010	1	0.11	1	U	UG/L
	011810BLKA32		LB	2514737	1,2,4-Trimethylbenzene	1/18/2010	1	0.13	1	U	UG/L
	011810BLKA32		LB	2514737	1,2-Dibromo-3-chloropropane	1/18/2010	5	1	5	U	UG/L
	011810BLKA32		LB	2514737	1,2-Dibromoethane	1/18/2010	1	0.11	1	U	UG/L
	011810BLKA32		LB	2514737	1,2-Dichlorobenzene	1/18/2010	1	0.077	1	U	UG/L
	011810BLKA32		LB	2514737	1,2-Dichloroethane	1/18/2010	1	0.15	1	U	UG/L
	011810BLKA32		LB	2514737	1,2-Dichloropropane	1/18/2010	1	0.15	1	U	UG/L
	011810BLKA32		LB	2514737	1,3,5-Trimethylbenzene	1/18/2010	1	0.14	1	U	UG/L
	011810BLKA32		LB	2514737	1,3-Dichlorobenzene	1/18/2010	1	0.15	1	U	UG/L
	011810BLKA32		LB	2514737	1,3-Dichloropropane	1/18/2010	1	0.3	1	U	UG/L
	011810BLKA32		LB	2514737	1,4-Dichlorobenzene	1/18/2010	1	0.15	1	U	UG/L
	011810BLKA32		LB	2514737	2,2-Dichloropropane	1/18/2010	5	0.17	5	U	UG/L
	011810BLKA32		LB	2514737	2-Butanone	1/18/2010	6	2	6	U	UG/L
	011810BLKA32		LB	2514737	2-Chlorotoluene	1/18/2010	1	0.072	1	U	UG/L
	011810BLKA32		LB	2514737	2-Hexanone	1/18/2010	5	0.48	5	U	UG/L
	011810BLKA32		LB	2514737	4-Chlorotoluene	1/18/2010	1	0.15	1	U	UG/L
	011810BLKA32		LB	2514737	4-Methyl-2-Pentanone	1/18/2010	5	1	5	U	UG/L
	011810BLKA32		LB	2514737	Acetone	1/18/2010	10	1.3	10	U	UG/L
	011810BLKA32		LB	2514737	Benzene	1/18/2010	1	0.17	1	U	UG/L
	011810BLKA32		LB	2514737	Bromobenzene	1/18/2010	1	0.21	1	U	UG/L
	011810BLKA32		LB	2514737	Bromochloromethane	1/18/2010	1	0.17	1	U	UG/L
	011810BLKA32		LB	2514737	Bromodichloromethane	1/18/2010	1	0.15	1	U	UG/L
	011810BLKA32		LB	2514737	Bromoform	1/18/2010	1	0.19	1	U	UG/L
	011810BLKA32		LB	2514737	Bromomethane	1/18/2010	2	0.43	2	U	UG/L
	011810BLKA32		LB	2514737	Carbon disulfide	1/18/2010	2	0.19	2	U	UG/L
	011810BLKA32		LB	2514737	Carbon tetrachloride	1/18/2010	1	0.14	1	U	UG/L
	011810BLKA32		LB	2514737	Chlorobenzene	1/18/2010	1	0.16	1	U	UG/L
	011810BLKA32		LB	2514737	Chloroethane	1/18/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	011810BLKA32	WATER	LB	2514737	Chloroform	1/18/2010	1	0.16	1	U	UG/L
	011810BLKA32		LB	2514737	Chloromethane	1/18/2010	2	0.32	2	U	UG/L
	011810BLKA32		LB	2514737	cis-1,2-Dichloroethene	1/18/2010	1	0.19	1	U	UG/L
	011810BLKA32		LB	2514737	cis-1,3-Dichloropropene	1/18/2010	1	0.12	1	U	UG/L
	011810BLKA32		LB	2514737	Dibromochloromethane	1/18/2010	1	0.13	1	U	UG/L
	011810BLKA32		LB	2514737	Dibromomethane	1/18/2010	1.1	0.11	1.1	U	UG/L
	011810BLKA32		LB	2514737	Dichlorodifluoromethane	1/18/2010	2	0.17	2	U	UG/L
	011810BLKA32		LB	2514737	Ethylbenzene	1/18/2010	1	0.22	1	U	UG/L
	011810BLKA32		LB	2514737	Hexachlorobutadiene	1/18/2010	1	0.36	1	U	UG/L
	011810BLKA32		LB	2514737	Isopropylbenzene	1/18/2010	1	0.14	1	U	UG/L
	011810BLKA32		LB	2514737	m,p-Xylene	1/18/2010	2	0.23	2	U	UG/L
	011810BLKA32		LB	2514737	Methyl tert-butyl ether (MTBE)	1/18/2010	5	0.16	5	U	UG/L
	011810BLKA32		LB	2514737	Methylene chloride	1/18/2010	5	0.66	5	U	UG/L
	011810BLKA32		LB	2514737	Naphthalene	1/18/2010	1	0.5	1	U	UG/L
	011810BLKA32		LB	2514737	n-Butylbenzene	1/18/2010	1	0.16	1	U	UG/L
	011810BLKA32		LB	2514737	n-Propylbenzene	1/18/2010	1	0.14	1	U	UG/L
	011810BLKA32		LB	2514737	o-Xylene	1/18/2010	1	0.5	1	U	UG/L
	011810BLKA32		LB	2514737	p-Isopropyltoluene	1/18/2010	1	0.14	1	U	UG/L
	011810BLKA32		LB	2514737	sec-Butylbenzene	1/18/2010	1	0.1	1	U	UG/L
	011810BLKA32		LB	2514737	Styrene	1/18/2010	1	0.12	1	U	UG/L
	011810BLKA32		LB	2514737	tert-Butylbenzene	1/18/2010	1	0.2	1	U	UG/L
	011810BLKA32		LB	2514737	Tetrachloroethene	1/18/2010	1	0.21	1	U	UG/L
	011810BLKA32		LB	2514737	Toluene	1/18/2010	1	0.14	1	U	UG/L
	011810BLKA32		LB	2514737	Trans-1,2-Dichloroethene	1/18/2010	1	0.33	1	U	UG/L
	011810BLKA32		LB	2514737	trans-1,3-Dichloropropene	1/18/2010	1	0.3	1	U	UG/L
	011810BLKA32		LB	2514737	Trichloroethene	1/18/2010	1	0.19	1	U	UG/L
	011810BLKA32		LB	2514737	Trichlorofluoromethane	1/18/2010	2	0.12	2	U	UG/L
	011810BLKA32		LB	2514737	Vinyl Chloride	1/18/2010	1	0.18	1	U	UG/L
	011810BLKA32		LB	2514737	Xylenes, Total	1/18/2010	3	0.5	3	U	UG/L
	011910BLKA32		LB	2514717	1,1,1,2-Tetrachloroethane	1/19/2010	1	0.14	1	U	UG/L
	011910BLKA32		LB	2514717	1,1,1-Trichloroethane	1/19/2010	1	0.14	1	U	UG/L
	011910BLKA32		LB	2514717	1,1,2,2-Tetrachloroethane	1/19/2010	1	0.13	1	U	UG/L
	011910BLKA32		LB	2514717	1,1,2-Trichloroethane	1/19/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	011910BLKA32	WATER	LB	2514717	1,1-Dichloroethane	1/19/2010	1	0.15	1	U	UG/L
	011910BLKA32		LB	2514717	1,1-Dichloroethene	1/19/2010	1	0.19	1	U	UG/L
	011910BLKA32		LB	2514717	1,1-Dichloropropene	1/19/2010	1	0.3	1	U	UG/L
	011910BLKA32		LB	2514717	1,2,3-Trichlorobenzene	1/19/2010	1.2	0.16	1.2	U	UG/L
	011910BLKA32		LB	2514717	1,2,3-Trichloropropane	1/19/2010	1.5	0.35	1.5	U	UG/L
	011910BLKA32		LB	2514717	1,2,4-Trichlorobenzene	1/19/2010	1	0.11	1	U	UG/L
	011910BLKA32		LB	2514717	1,2,4-Trimethylbenzene	1/19/2010	1	0.13	1	U	UG/L
	011910BLKA32		LB	2514717	1,2-Dibromo-3-chloropropane	1/19/2010	5	1	5	U	UG/L
	011910BLKA32		LB	2514717	1,2-Dibromoethane	1/19/2010	1	0.11	1	U	UG/L
	011910BLKA32		LB	2514717	1,2-Dichlorobenzene	1/19/2010	1	0.077	1	U	UG/L
	011910BLKA32		LB	2514717	1,2-Dichloroethane	1/19/2010	1	0.15	1	U	UG/L
	011910BLKA32		LB	2514717	1,2-Dichloropropane	1/19/2010	1	0.15	1	U	UG/L
	011910BLKA32		LB	2514717	1,3,5-Trimethylbenzene	1/19/2010	1	0.14	1	U	UG/L
	011910BLKA32		LB	2514717	1,3-Dichlorobenzene	1/19/2010	1	0.15	1	U	UG/L
	011910BLKA32		LB	2514717	1,3-Dichloropropane	1/19/2010	1	0.3	1	U	UG/L
	011910BLKA32		LB	2514717	1,4-Dichlorobenzene	1/19/2010	1	0.15	1	U	UG/L
	011910BLKA32		LB	2514717	2,2-Dichloropropane	1/19/2010	5	0.17	5	U	UG/L
	011910BLKA32		LB	2514717	2-Butanone	1/19/2010	6	2	6	U	UG/L
	011910BLKA32		LB	2514717	2-Chlorotoluene	1/19/2010	1	0.072	1	U	UG/L
	011910BLKA32		LB	2514717	2-Hexanone	1/19/2010	5	0.48	5	U	UG/L
	011910BLKA32		LB	2514717	4-Chlorotoluene	1/19/2010	1	0.15	1	U	UG/L
	011910BLKA32		LB	2514717	4-Methyl-2-Pentanone	1/19/2010	5	1	5	U	UG/L
	011910BLKA32		LB	2514717	Acetone	1/19/2010	10	1.3	10	U	UG/L
	011910BLKA32		LB	2514717	Benzene	1/19/2010	1	0.17	1	U	UG/L
	011910BLKA32		LB	2514717	Bromobenzene	1/19/2010	1	0.21	1	U	UG/L
	011910BLKA32		LB	2514717	Bromochloromethane	1/19/2010	1	0.17	1	U	UG/L
	011910BLKA32		LB	2514717	Bromodichloromethane	1/19/2010	1	0.15	1	U	UG/L
	011910BLKA32		LB	2514717	Bromoform	1/19/2010	1	0.19	1	U	UG/L
	011910BLKA32		LB	2514717	Bromomethane	1/19/2010	2	0.43	2	U	UG/L
	011910BLKA32		LB	2514717	Carbon disulfide	1/19/2010	2	0.19	2	U	UG/L
	011910BLKA32		LB	2514717	Carbon tetrachloride	1/19/2010	1	0.14	1	U	UG/L
	011910BLKA32		LB	2514717	Chlorobenzene	1/19/2010	1	0.16	1	U	UG/L
	011910BLKA32		LB	2514717	Chloroethane	1/19/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	011910BLKA32	WATER	LB	2514717	Chloroform	1/19/2010	1	0.16	1	U	UG/L
	011910BLKA32		LB	2514717	Chloromethane	1/19/2010	2	0.32	2	U	UG/L
	011910BLKA32		LB	2514717	cis-1,2-Dichloroethene	1/19/2010	1	0.19	1	U	UG/L
	011910BLKA32		LB	2514717	cis-1,3-Dichloropropene	1/19/2010	1	0.12	1	U	UG/L
	011910BLKA32		LB	2514717	Dibromochloromethane	1/19/2010	1	0.13	1	U	UG/L
	011910BLKA32		LB	2514717	Dibromomethane	1/19/2010	1.1	0.11	1.1	U	UG/L
	011910BLKA32		LB	2514717	Dichlorodifluoromethane	1/19/2010	2	0.17	2	U	UG/L
	011910BLKA32		LB	2514717	Ethylbenzene	1/19/2010	1	0.22	1	U	UG/L
	011910BLKA32		LB	2514717	Hexachlorobutadiene	1/19/2010	1	0.36	1	U	UG/L
	011910BLKA32		LB	2514717	Isopropylbenzene	1/19/2010	1	0.14	1	U	UG/L
	011910BLKA32		LB	2514717	m,p-Xylene	1/19/2010	2	0.23	2	U	UG/L
	011910BLKA32		LB	2514717	Methyl tert-butyl ether (MTBE)	1/19/2010	5	0.16	5	U	UG/L
	011910BLKA32		LB	2514717	Methylene chloride	1/19/2010	5	0.66	5	U	UG/L
	011910BLKA32		LB	2514717	Naphthalene	1/19/2010	1	0.5	1	U	UG/L
	011910BLKA32		LB	2514717	n-Butylbenzene	1/19/2010	1	0.16	1	U	UG/L
	011910BLKA32		LB	2514717	n-Propylbenzene	1/19/2010	1	0.14	1	U	UG/L
	011910BLKA32		LB	2514717	o-Xylene	1/19/2010	1	0.5	1	U	UG/L
	011910BLKA32		LB	2514717	p-Isopropyltoluene	1/19/2010	1	0.14	1	U	UG/L
	011910BLKA32		LB	2514717	sec-Butylbenzene	1/19/2010	1	0.1	1	U	UG/L
	011910BLKA32		LB	2514717	Styrene	1/19/2010	1	0.12	1	U	UG/L
	011910BLKA32		LB	2514717	tert-Butylbenzene	1/19/2010	1	0.2	1	U	UG/L
	011910BLKA32		LB	2514717	Tetrachloroethene	1/19/2010	1	0.21	1	U	UG/L
	011910BLKA32		LB	2514717	Toluene	1/19/2010	1	0.14	1	U	UG/L
	011910BLKA32		LB	2514717	Trans-1,2-Dichloroethene	1/19/2010	1	0.33	1	U	UG/L
	011910BLKA32		LB	2514717	trans-1,3-Dichloropropene	1/19/2010	1	0.3	1	U	UG/L
	011910BLKA32		LB	2514717	Trichloroethene	1/19/2010	1	0.19	1	U	UG/L
	011910BLKA32		LB	2514717	Trichlorofluoromethane	1/19/2010	2	0.12	2	U	UG/L
	011910BLKA32		LB	2514717	Vinyl Chloride	1/19/2010	1	0.18	1	U	UG/L
	011910BLKA32		LB	2514717	Xylenes, Total	1/19/2010	3	0.5	3	U	UG/L
	012110BLK62		LB	2514801	1,1,1,2-Tetrachloroethane	1/21/2010	1	0.14	1	U	UG/L
	012110BLK62		LB	2514801	1,1,1-Trichloroethane	1/21/2010	1	0.14	1	U	UG/L
	012110BLK62		LB	2514801	1,1,2,2-Tetrachloroethane	1/21/2010	1	0.13	1	U	UG/L
	012110BLK62		LB	2514801	1,1,2-Trichloroethane	1/21/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	012110BLK62	WATER	LB	2514801	1,1-Dichloroethane	1/21/2010	1	0.15	1	U	UG/L
	012110BLK62		LB	2514801	1,1-Dichloroethene	1/21/2010	1	0.19	1	U	UG/L
	012110BLK62		LB	2514801	1,1-Dichloropropene	1/21/2010	1	0.3	1	U	UG/L
	012110BLK62		LB	2514801	1,2,3-Trichlorobenzene	1/21/2010	1.2	0.16	1.2	U	UG/L
	012110BLK62		LB	2514801	1,2,3-Trichloropropane	1/21/2010	1.5	0.35	1.5	U	UG/L
	012110BLK62		LB	2514801	1,2,4-Trichlorobenzene	1/21/2010	1	0.11	1	U	UG/L
	012110BLK62		LB	2514801	1,2,4-Trimethylbenzene	1/21/2010	1	0.13	1	U	UG/L
	012110BLK62		LB	2514801	1,2-Dibromo-3-chloropropane	1/21/2010	5	1	5	U	UG/L
	012110BLK62		LB	2514801	1,2-Dibromoethane	1/21/2010	1	0.11	1	U	UG/L
	012110BLK62		LB	2514801	1,2-Dichlorobenzene	1/21/2010	1	0.077	1	U	UG/L
	012110BLK62		LB	2514801	1,2-Dichloroethane	1/21/2010	1	0.15	1	U	UG/L
	012110BLK62		LB	2514801	1,2-Dichloropropane	1/21/2010	1	0.15	1	U	UG/L
	012110BLK62		LB	2514801	1,3,5-Trimethylbenzene	1/21/2010	1	0.14	1	U	UG/L
	012110BLK62		LB	2514801	1,3-Dichlorobenzene	1/21/2010	1	0.15	1	U	UG/L
	012110BLK62		LB	2514801	1,3-Dichloropropane	1/21/2010	1	0.3	1	U	UG/L
	012110BLK62		LB	2514801	1,4-Dichlorobenzene	1/21/2010	1	0.15	1	U	UG/L
	012110BLK62		LB	2514801	2,2-Dichloropropane	1/21/2010	5	0.17	5	U	UG/L
	012110BLK62		LB	2514801	2-Butanone	1/21/2010	6	2	6	U	UG/L
	012110BLK62		LB	2514801	2-Chlorotoluene	1/21/2010	1	0.072	1	U	UG/L
	012110BLK62		LB	2514801	2-Hexanone	1/21/2010	5	0.48	5	U	UG/L
	012110BLK62		LB	2514801	4-Chlorotoluene	1/21/2010	1	0.15	1	U	UG/L
	012110BLK62		LB	2514801	4-Methyl-2-Pentanone	1/21/2010	5	1	5	U	UG/L
	012110BLK62		LB	2514801	Acetone	1/21/2010	10	1.3	10	U	UG/L
	012110BLK62		LB	2514801	Benzene	1/21/2010	1	0.17	1	U	UG/L
	012110BLK62		LB	2514801	Bromobenzene	1/21/2010	1	0.21	1	U	UG/L
	012110BLK62		LB	2514801	Bromochloromethane	1/21/2010	1	0.17	1	U	UG/L
	012110BLK62		LB	2514801	Bromodichloromethane	1/21/2010	1	0.15	1	U	UG/L
	012110BLK62		LB	2514801	Bromoform	1/21/2010	1	0.19	1	U	UG/L
	012110BLK62		LB	2514801	Bromomethane	1/21/2010	2	0.43	2	U	UG/L
	012110BLK62		LB	2514801	Carbon disulfide	1/21/2010	2	0.19	2	U	UG/L
	012110BLK62		LB	2514801	Carbon tetrachloride	1/21/2010	1	0.14	1	U	UG/L
	012110BLK62		LB	2514801	Chlorobenzene	1/21/2010	1	0.16	1	U	UG/L
	012110BLK62		LB	2514801	Chloroethane	1/21/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	012110BLK62	WATER	LB	2514801	Chloroform	1/21/2010	1	0.16	1	U	UG/L
	012110BLK62		LB	2514801	Chloromethane	1/21/2010	2	0.32	2	U	UG/L
	012110BLK62		LB	2514801	cis-1,2-Dichloroethene	1/21/2010	1	0.19	1	U	UG/L
	012110BLK62		LB	2514801	cis-1,3-Dichloropropene	1/21/2010	1	0.12	1	U	UG/L
	012110BLK62		LB	2514801	Dibromochloromethane	1/21/2010	1	0.13	1	U	UG/L
	012110BLK62		LB	2514801	Dibromomethane	1/21/2010	1.1	0.11	1.1	U	UG/L
	012110BLK62		LB	2514801	Dichlorodifluoromethane	1/21/2010	2	0.17	2	U	UG/L
	012110BLK62		LB	2514801	Ethylbenzene	1/21/2010	1	0.22	1	U	UG/L
	012110BLK62		LB	2514801	Hexachlorobutadiene	1/21/2010	1	0.36	1	U	UG/L
	012110BLK62		LB	2514801	Isopropylbenzene	1/21/2010	1	0.14	1	U	UG/L
	012110BLK62		LB	2514801	m,p-Xylene	1/21/2010	2	0.23	2	U	UG/L
	012110BLK62		LB	2514801	Methyl tert-butyl ether (MTBE)	1/21/2010	5	0.16	5	U	UG/L
	012110BLK62		LB	2514801	Methylene chloride	1/21/2010	5	0.66	5	U	UG/L
	012110BLK62		LB	2514801	Naphthalene	1/21/2010	1	0.5	1	U	UG/L
	012110BLK62		LB	2514801	n-Butylbenzene	1/21/2010	1	0.16	1	U	UG/L
	012110BLK62		LB	2514801	n-Propylbenzene	1/21/2010	1	0.14	1	U	UG/L
	012110BLK62		LB	2514801	o-Xylene	1/21/2010	1	0.5	1	U	UG/L
	012110BLK62		LB	2514801	p-Isopropyltoluene	1/21/2010	1	0.14	1	U	UG/L
	012110BLK62		LB	2514801	sec-Butylbenzene	1/21/2010	1	0.1	1	U	UG/L
	012110BLK62		LB	2514801	Styrene	1/21/2010	1	0.12	1	U	UG/L
	012110BLK62		LB	2514801	tert-Butylbenzene	1/21/2010	1	0.2	1	U	UG/L
	012110BLK62		LB	2514801	Tetrachloroethene	1/21/2010	1	0.21	1	U	UG/L
	012110BLK62		LB	2514801	Toluene	1/21/2010	1	0.14	1	U	UG/L
	012110BLK62		LB	2514801	Trans-1,2-Dichloroethene	1/21/2010	1	0.33	1	U	UG/L
	012110BLK62		LB	2514801	trans-1,3-Dichloropropene	1/21/2010	1	0.3	1	U	UG/L
	012110BLK62		LB	2514801	Trichloroethene	1/21/2010	1	0.19	1	U	UG/L
	012110BLK62		LB	2514801	Trichlorofluoromethane	1/21/2010	2	0.12	2	U	UG/L
	012110BLK62		LB	2514801	Vinyl Chloride	1/21/2010	1	0.18	1	U	UG/L
	012110BLK62		LB	2514801	Xylenes, Total	1/21/2010	3	0.5	3	U	UG/L
	012110BLKA52		LB	2514777	1,1,1,2-Tetrachloroethane	1/21/2010	1	0.14	1	U	UG/L
	012110BLKA52		LB	2514777	1,1,1-Trichloroethane	1/21/2010	1	0.14	1	U	UG/L
	012110BLKA52		LB	2514777	1,1,2,2-Tetrachloroethane	1/21/2010	1	0.13	1	U	UG/L
	012110BLKA52		LB	2514777	1,1,2-Trichloroethane	1/21/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	012110BLKA52	WATER	LB	2514777	1,1-Dichloroethane	1/21/2010	1	0.15	1	U	UG/L
	012110BLKA52		LB	2514777	1,1-Dichloroethene	1/21/2010	1	0.19	1	U	UG/L
	012110BLKA52		LB	2514777	1,1-Dichloropropene	1/21/2010	1	0.3	1	U	UG/L
	012110BLKA52		LB	2514777	1,2,3-Trichlorobenzene	1/21/2010	1.2	0.16	1.2	U	UG/L
	012110BLKA52		LB	2514777	1,2,3-Trichloropropane	1/21/2010	1.5	0.35	1.5	U	UG/L
	012110BLKA52		LB	2514777	1,2,4-Trichlorobenzene	1/21/2010	1	0.11	1	U	UG/L
	012110BLKA52		LB	2514777	1,2,4-Trimethylbenzene	1/21/2010	1	0.13	1	U	UG/L
	012110BLKA52		LB	2514777	1,2-Dibromo-3-chloropropane	1/21/2010	5	1	5	U	UG/L
	012110BLKA52		LB	2514777	1,2-Dibromoethane	1/21/2010	1	0.11	1	U	UG/L
	012110BLKA52		LB	2514777	1,2-Dichlorobenzene	1/21/2010	1	0.077	1	U	UG/L
	012110BLKA52		LB	2514777	1,2-Dichloroethane	1/21/2010	1	0.15	1	U	UG/L
	012110BLKA52		LB	2514777	1,2-Dichloropropane	1/21/2010	1	0.15	1	U	UG/L
	012110BLKA52		LB	2514777	1,3,5-Trimethylbenzene	1/21/2010	1	0.14	1	U	UG/L
	012110BLKA52		LB	2514777	1,3-Dichlorobenzene	1/21/2010	1	0.15	1	U	UG/L
	012110BLKA52		LB	2514777	1,3-Dichloropropane	1/21/2010	1	0.3	1	U	UG/L
	012110BLKA52		LB	2514777	1,4-Dichlorobenzene	1/21/2010	1	0.15	1	U	UG/L
	012110BLKA52		LB	2514777	2,2-Dichloropropane	1/21/2010	5	0.17	5	U	UG/L
	012110BLKA52		LB	2514777	2-Butanone	1/21/2010	6	2	6	U	UG/L
	012110BLKA52		LB	2514777	2-Chlorotoluene	1/21/2010	1	0.072	1	U	UG/L
	012110BLKA52		LB	2514777	2-Hexanone	1/21/2010	5	0.48	5	U	UG/L
	012110BLKA52		LB	2514777	4-Chlorotoluene	1/21/2010	1	0.15	1	U	UG/L
	012110BLKA52		LB	2514777	4-Methyl-2-Pentanone	1/21/2010	5	1	5	U	UG/L
	012110BLKA52		LB	2514777	Acetone	1/21/2010	10	1.3	10	U	UG/L
	012110BLKA52		LB	2514777	Benzene	1/21/2010	1	0.17	1	U	UG/L
	012110BLKA52		LB	2514777	Bromobenzene	1/21/2010	1	0.21	1	U	UG/L
	012110BLKA52		LB	2514777	Bromochloromethane	1/21/2010	1	0.17	1	U	UG/L
	012110BLKA52		LB	2514777	Bromodichloromethane	1/21/2010	1	0.15	1	U	UG/L
	012110BLKA52		LB	2514777	Bromoform	1/21/2010	1	0.19	1	U	UG/L
	012110BLKA52		LB	2514777	Bromomethane	1/21/2010	2	0.43	2	U	UG/L
	012110BLKA52		LB	2514777	Carbon disulfide	1/21/2010	2	0.19	2	U	UG/L
	012110BLKA52		LB	2514777	Carbon tetrachloride	1/21/2010	1	0.14	1	U	UG/L
	012110BLKA52		LB	2514777	Chlorobenzene	1/21/2010	1	0.16	1	U	UG/L
	012110BLKA52		LB	2514777	Chloroethane	1/21/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	012110BLKA52	WATER	LB	2514777	Chloroform	1/21/2010	1	0.16	1	U	UG/L
	012110BLKA52		LB	2514777	Chloromethane	1/21/2010	2	0.32	2	U	UG/L
	012110BLKA52		LB	2514777	cis-1,2-Dichloroethene	1/21/2010	1	0.19	1	U	UG/L
	012110BLKA52		LB	2514777	cis-1,3-Dichloropropene	1/21/2010	1	0.12	1	U	UG/L
	012110BLKA52		LB	2514777	Dibromochloromethane	1/21/2010	1	0.13	1	U	UG/L
	012110BLKA52		LB	2514777	Dibromomethane	1/21/2010	1.1	0.11	1.1	U	UG/L
	012110BLKA52		LB	2514777	Dichlorodifluoromethane	1/21/2010	2	0.17	2	U	UG/L
	012110BLKA52		LB	2514777	Ethylbenzene	1/21/2010	1	0.22	1	U	UG/L
	012110BLKA52		LB	2514777	Hexachlorobutadiene	1/21/2010	1	0.36	1	U	UG/L
	012110BLKA52		LB	2514777	Isopropylbenzene	1/21/2010	1	0.14	1	U	UG/L
	012110BLKA52		LB	2514777	m,p-Xylene	1/21/2010	2	0.23	2	U	UG/L
	012110BLKA52		LB	2514777	Methyl tert-butyl ether (MTBE)	1/21/2010	5	0.16	5	U	UG/L
	012110BLKA52		LB	2514777	Methylene chloride	1/21/2010	5	0.66	5	U	UG/L
	012110BLKA52		LB	2514777	Naphthalene	1/21/2010	1	0.5	1	U	UG/L
	012110BLKA52		LB	2514777	n-Butylbenzene	1/21/2010	1	0.16	1	U	UG/L
	012110BLKA52		LB	2514777	n-Propylbenzene	1/21/2010	1	0.14	1	U	UG/L
	012110BLKA52		LB	2514777	o-Xylene	1/21/2010	1	0.5	1	U	UG/L
	012110BLKA52		LB	2514777	p-Isopropyltoluene	1/21/2010	1	0.14	1	U	UG/L
	012110BLKA52		LB	2514777	sec-Butylbenzene	1/21/2010	1	0.1	1	U	UG/L
	012110BLKA52		LB	2514777	Styrene	1/21/2010	1	0.12	1	U	UG/L
	012110BLKA52		LB	2514777	tert-Butylbenzene	1/21/2010	1	0.2	1	U	UG/L
	012110BLKA52		LB	2514777	Tetrachloroethene	1/21/2010	1	0.21	1	U	UG/L
	012110BLKA52		LB	2514777	Toluene	1/21/2010	1	0.14	1	U	UG/L
	012110BLKA52		LB	2514777	Trans-1,2-Dichloroethene	1/21/2010	1	0.33	1	U	UG/L
	012110BLKA52		LB	2514777	trans-1,3-Dichloropropene	1/21/2010	1	0.3	1	U	UG/L
	012110BLKA52		LB	2514777	Trichloroethene	1/21/2010	1	0.19	1	U	UG/L
	012110BLKA52		LB	2514777	Trichlorofluoromethane	1/21/2010	2	0.12	2	U	UG/L
	012110BLKA52		LB	2514777	Vinyl Chloride	1/21/2010	1	0.18	1	U	UG/L
	012110BLKA52		LB	2514777	Xylenes, Total	1/21/2010	3	0.5	3	U	UG/L
	012210BLKA32		LB	2514801	1,1,1,2-Tetrachloroethane	1/22/2010	1	0.14	1	U	UG/L
	012210BLKA32		LB	2514801	1,1,1-Trichloroethane	1/22/2010	1	0.14	1	U	UG/L
	012210BLKA32		LB	2514801	1,1,2,2-Tetrachloroethane	1/22/2010	1	0.13	1	U	UG/L
	012210BLKA32		LB	2514801	1,1,2-Trichloroethane	1/22/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	012210BLKA32	WATER	LB	2514801	1,1-Dichloroethane	1/22/2010	1	0.15	1	U	UG/L
	012210BLKA32		LB	2514801	1,1-Dichloroethene	1/22/2010	1	0.19	1	U	UG/L
	012210BLKA32		LB	2514801	1,1-Dichloropropene	1/22/2010	1	0.3	1	U	UG/L
	012210BLKA32		LB	2514801	1,2,3-Trichlorobenzene	1/22/2010	1.2	0.16	1.2	U	UG/L
	012210BLKA32		LB	2514801	1,2,3-Trichloropropane	1/22/2010	1.5	0.35	1.5	U	UG/L
	012210BLKA32		LB	2514801	1,2,4-Trichlorobenzene	1/22/2010	1	0.11	1	U	UG/L
	012210BLKA32		LB	2514801	1,2,4-Trimethylbenzene	1/22/2010	1	0.13	1	U	UG/L
	012210BLKA32		LB	2514801	1,2-Dibromo-3-chloropropane	1/22/2010	5	1	5	U	UG/L
	012210BLKA32		LB	2514801	1,2-Dibromoethane	1/22/2010	1	0.11	1	U	UG/L
	012210BLKA32		LB	2514801	1,2-Dichlorobenzene	1/22/2010	1	0.077	1	U	UG/L
	012210BLKA32		LB	2514801	1,2-Dichloroethane	1/22/2010	1	0.15	1	U	UG/L
	012210BLKA32		LB	2514801	1,2-Dichloropropane	1/22/2010	1	0.15	1	U	UG/L
	012210BLKA32		LB	2514801	1,3,5-Trimethylbenzene	1/22/2010	1	0.14	1	U	UG/L
	012210BLKA32		LB	2514801	1,3-Dichlorobenzene	1/22/2010	1	0.15	1	U	UG/L
	012210BLKA32		LB	2514801	1,3-Dichloropropane	1/22/2010	1	0.3	1	U	UG/L
	012210BLKA32		LB	2514801	1,4-Dichlorobenzene	1/22/2010	1	0.15	1	U	UG/L
	012210BLKA32		LB	2514801	2,2-Dichloropropane	1/22/2010	5	0.17	5	U	UG/L
	012210BLKA32		LB	2514801	2-Butanone	1/22/2010	6	2	6	U	UG/L
	012210BLKA32		LB	2514801	2-Chlorotoluene	1/22/2010	1	0.072	1	U	UG/L
	012210BLKA32		LB	2514801	2-Hexanone	1/22/2010	5	0.48	5	U	UG/L
	012210BLKA32		LB	2514801	4-Chlorotoluene	1/22/2010	1	0.15	1	U	UG/L
	012210BLKA32		LB	2514801	4-Methyl-2-Pentanone	1/22/2010	5	1	5	U	UG/L
	012210BLKA32		LB	2514801	Acetone	1/22/2010	10	1.3	10	U	UG/L
	012210BLKA32		LB	2514801	Benzene	1/22/2010	1	0.17	1	U	UG/L
	012210BLKA32		LB	2514801	Bromobenzene	1/22/2010	1	0.21	1	U	UG/L
	012210BLKA32		LB	2514801	Bromochloromethane	1/22/2010	1	0.17	1	U	UG/L
	012210BLKA32		LB	2514801	Bromodichloromethane	1/22/2010	1	0.15	1	U	UG/L
	012210BLKA32		LB	2514801	Bromoform	1/22/2010	1	0.19	1	U	UG/L
	012210BLKA32		LB	2514801	Bromomethane	1/22/2010	2	0.43	2	U	UG/L
	012210BLKA32		LB	2514801	Carbon disulfide	1/22/2010	2	0.19	2	U	UG/L
	012210BLKA32		LB	2514801	Carbon tetrachloride	1/22/2010	1	0.14	1	U	UG/L
	012210BLKA32		LB	2514801	Chlorobenzene	1/22/2010	1	0.16	1	U	UG/L
	012210BLKA32		LB	2514801	Chloroethane	1/22/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	012210BLKA32	WATER	LB	2514801	Chloroform	1/22/2010	1	0.16	1	U	UG/L
	012210BLKA32		LB	2514801	Chloromethane	1/22/2010	2	0.32	2	U	UG/L
	012210BLKA32		LB	2514801	cis-1,2-Dichloroethene	1/22/2010	1	0.19	1	U	UG/L
	012210BLKA32		LB	2514801	cis-1,3-Dichloropropene	1/22/2010	1	0.12	1	U	UG/L
	012210BLKA32		LB	2514801	Dibromochloromethane	1/22/2010	1	0.13	1	U	UG/L
	012210BLKA32		LB	2514801	Dibromomethane	1/22/2010	1.1	0.11	1.1	U	UG/L
	012210BLKA32		LB	2514801	Dichlorodifluoromethane	1/22/2010	2	0.17	2	U	UG/L
	012210BLKA32		LB	2514801	Ethylbenzene	1/22/2010	1	0.22	1	U	UG/L
	012210BLKA32		LB	2514801	Hexachlorobutadiene	1/22/2010	1	0.36	1	U	UG/L
	012210BLKA32		LB	2514801	Isopropylbenzene	1/22/2010	1	0.14	1	U	UG/L
	012210BLKA32		LB	2514801	m,p-Xylene	1/22/2010	2	0.23	2	U	UG/L
	012210BLKA32		LB	2514801	Methyl tert-butyl ether (MTBE)	1/22/2010	5	0.16	5	U	UG/L
	012210BLKA32		LB	2514801	Methylene chloride	1/22/2010	5	0.66	5	U	UG/L
	012210BLKA32		LB	2514801	Naphthalene	1/22/2010	1	0.5	1	U	UG/L
	012210BLKA32		LB	2514801	n-Butylbenzene	1/22/2010	1	0.16	1	U	UG/L
	012210BLKA32		LB	2514801	n-Propylbenzene	1/22/2010	1	0.14	1	U	UG/L
	012210BLKA32		LB	2514801	o-Xylene	1/22/2010	1	0.5	1	U	UG/L
	012210BLKA32		LB	2514801	p-Isopropyltoluene	1/22/2010	1	0.14	1	U	UG/L
	012210BLKA32		LB	2514801	sec-Butylbenzene	1/22/2010	1	0.1	1	U	UG/L
	012210BLKA32		LB	2514801	Styrene	1/22/2010	1	0.12	1	U	UG/L
	012210BLKA32		LB	2514801	tert-Butylbenzene	1/22/2010	1	0.2	1	U	UG/L
	012210BLKA32		LB	2514801	Tetrachloroethene	1/22/2010	1	0.21	1	U	UG/L
	012210BLKA32		LB	2514801	Toluene	1/22/2010	1	0.14	1	U	UG/L
	012210BLKA32		LB	2514801	Trans-1,2-Dichloroethene	1/22/2010	1	0.33	1	U	UG/L
	012210BLKA32		LB	2514801	trans-1,3-Dichloropropene	1/22/2010	1	0.3	1	U	UG/L
	012210BLKA32		LB	2514801	Trichloroethene	1/22/2010	1	0.19	1	U	UG/L
	012210BLKA32		LB	2514801	Trichlorofluoromethane	1/22/2010	2	0.12	2	U	UG/L
	012210BLKA32		LB	2514801	Vinyl Chloride	1/22/2010	1	0.18	1	U	UG/L
	012210BLKA32		LB	2514801	Xylenes, Total	1/22/2010	3	0.5	3	U	UG/L
	0128BLK52		LB	2514824	1,1,1,2-Tetrachloroethane	1/28/2010	1	0.14	1	U	UG/L
	0128BLK52		LB	2514824	1,1,1-Trichloroethane	1/28/2010	1	0.14	1	U	UG/L
	0128BLK52		LB	2514824	1,1,2,2-Tetrachloroethane	1/28/2010	1	0.13	1	U	UG/L
	0128BLK52		LB	2514824	1,1,2-Trichloroethane	1/28/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	0128BLK52	WATER	LB	2514824	1,1-Dichloroethane	1/28/2010	1	0.15	1	U	UG/L
	0128BLK52		LB	2514824	1,1-Dichloroethene	1/28/2010	1	0.19	1	U	UG/L
	0128BLK52		LB	2514824	1,1-Dichloropropene	1/28/2010	1	0.3	1	U	UG/L
	0128BLK52		LB	2514824	1,2,3-Trichlorobenzene	1/28/2010	1.2	0.16	1.2	U	UG/L
	0128BLK52		LB	2514824	1,2,3-Trichloropropane	1/28/2010	1.5	0.35	1.5	U	UG/L
	0128BLK52		LB	2514824	1,2,4-Trichlorobenzene	1/28/2010	1	0.11	1	U	UG/L
	0128BLK52		LB	2514824	1,2,4-Trimethylbenzene	1/28/2010	1	0.13	1	U	UG/L
	0128BLK52		LB	2514824	1,2-Dibromo-3-chloropropane	1/28/2010	5	1	5	U	UG/L
	0128BLK52		LB	2514824	1,2-Dibromoethane	1/28/2010	1	0.11	1	U	UG/L
	0128BLK52		LB	2514824	1,2-Dichlorobenzene	1/28/2010	1	0.077	1	U	UG/L
	0128BLK52		LB	2514824	1,2-Dichloroethane	1/28/2010	1	0.15	1	U	UG/L
	0128BLK52		LB	2514824	1,2-Dichloropropane	1/28/2010	1	0.15	1	U	UG/L
	0128BLK52		LB	2514824	1,3,5-Trimethylbenzene	1/28/2010	1	0.14	1	U	UG/L
	0128BLK52		LB	2514824	1,3-Dichlorobenzene	1/28/2010	1	0.15	1	U	UG/L
	0128BLK52		LB	2514824	1,3-Dichloropropane	1/28/2010	1	0.3	1	U	UG/L
	0128BLK52		LB	2514824	1,4-Dichlorobenzene	1/28/2010	1	0.15	1	U	UG/L
	0128BLK52		LB	2514824	2,2-Dichloropropane	1/28/2010	5	0.17	5	U	UG/L
	0128BLK52		LB	2514824	2-Butanone	1/28/2010	6	2	6	U	UG/L
	0128BLK52		LB	2514824	2-Chlorotoluene	1/28/2010	1	0.072	1	U	UG/L
	0128BLK52		LB	2514824	2-Hexanone	1/28/2010	5	0.48	5	U	UG/L
	0128BLK52		LB	2514824	4-Chlorotoluene	1/28/2010	1	0.15	1	U	UG/L
	0128BLK52		LB	2514824	4-Methyl-2-Pentanone	1/28/2010	5	1	5	U	UG/L
	0128BLK52		LB	2514824	Acetone	1/28/2010	10	1.3	10	U	UG/L
	0128BLK52		LB	2514824	Benzene	1/28/2010	1	0.17	1	U	UG/L
	0128BLK52		LB	2514824	Bromobenzene	1/28/2010	1	0.21	1	U	UG/L
	0128BLK52		LB	2514824	Bromochloromethane	1/28/2010	1	0.17	1	U	UG/L
	0128BLK52		LB	2514824	Bromodichloromethane	1/28/2010	1	0.15	1	U	UG/L
	0128BLK52		LB	2514824	Bromoform	1/28/2010	1	0.19	1	U	UG/L
	0128BLK52		LB	2514824	Bromomethane	1/28/2010	2	0.43	2	U	UG/L
	0128BLK52		LB	2514824	Carbon disulfide	1/28/2010	2	0.19	2	U	UG/L
	0128BLK52		LB	2514824	Carbon tetrachloride	1/28/2010	1	0.14	1	U	UG/L
	0128BLK52		LB	2514824	Chlorobenzene	1/28/2010	1	0.16	1	U	UG/L
	0128BLK52		LB	2514824	Chloroethane	1/28/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	0128BLK52	WATER	LB	2514824	Chloroform	1/28/2010	1	0.16	1	U	UG/L
	0128BLK52		LB	2514824	Chloromethane	1/28/2010	2	0.32	2	U	UG/L
	0128BLK52		LB	2514824	cis-1,2-Dichloroethene	1/28/2010	1	0.19	1	U	UG/L
	0128BLK52		LB	2514824	cis-1,3-Dichloropropene	1/28/2010	1	0.12	1	U	UG/L
	0128BLK52		LB	2514824	Dibromochloromethane	1/28/2010	1	0.13	1	U	UG/L
	0128BLK52		LB	2514824	Dibromomethane	1/28/2010	1.1	0.11	1.1	U	UG/L
	0128BLK52		LB	2514824	Dichlorodifluoromethane	1/28/2010	2	0.17	2	U	UG/L
	0128BLK52		LB	2514824	Ethylbenzene	1/28/2010	1	0.22	1	U	UG/L
	0128BLK52		LB	2514824	Hexachlorobutadiene	1/28/2010	1	0.36	1	U	UG/L
	0128BLK52		LB	2514824	Isopropylbenzene	1/28/2010	1	0.14	1	U	UG/L
	0128BLK52		LB	2514824	m,p-Xylene	1/28/2010	2	0.23	2	U	UG/L
	0128BLK52		LB	2514824	Methyl tert-butyl ether (MTBE)	1/28/2010	5	0.16	5	U	UG/L
	0128BLK52		LB	2514824	Methylene chloride	1/28/2010	5	0.66	5	U	UG/L
	0128BLK52		LB	2514824	Naphthalene	1/28/2010	1	0.5	1	U	UG/L
	0128BLK52		LB	2514824	n-Butylbenzene	1/28/2010	1	0.16	1	U	UG/L
	0128BLK52		LB	2514824	n-Propylbenzene	1/28/2010	1	0.14	1	U	UG/L
	0128BLK52		LB	2514824	o-Xylene	1/28/2010	1	0.5	1	U	UG/L
	0128BLK52		LB	2514824	p-Isopropyltoluene	1/28/2010	1	0.14	1	U	UG/L
	0128BLK52		LB	2514824	sec-Butylbenzene	1/28/2010	1	0.1	1	U	UG/L
	0128BLK52		LB	2514824	Styrene	1/28/2010	1	0.12	1	U	UG/L
	0128BLK52		LB	2514824	tert-Butylbenzene	1/28/2010	1	0.2	1	U	UG/L
	0128BLK52		LB	2514824	Tetrachloroethene	1/28/2010	1	0.21	1	U	UG/L
	0128BLK52		LB	2514824	Toluene	1/28/2010	1	0.14	1	U	UG/L
	0128BLK52		LB	2514824	Trans-1,2-Dichloroethene	1/28/2010	1	0.33	1	U	UG/L
	0128BLK52		LB	2514824	trans-1,3-Dichloropropene	1/28/2010	1	0.3	1	U	UG/L
	0128BLK52		LB	2514824	Trichloroethene	1/28/2010	1	0.19	1	U	UG/L
	0128BLK52		LB	2514824	Trichlorofluoromethane	1/28/2010	2	0.12	2	U	UG/L
	0128BLK52		LB	2514824	Vinyl Chloride	1/28/2010	1	0.18	1	U	UG/L
	0128BLK52		LB	2514824	Xylenes, Total	1/28/2010	3	0.5	3	U	UG/L
	0129BLK52		LB	2514835	1,1,1,2-Tetrachloroethane	1/29/2010	1	0.14	1	U	UG/L
	0129BLK52		LB	2514835	1,1,1-Trichloroethane	1/29/2010	1	0.14	1	U	UG/L
	0129BLK52		LB	2514835	1,1,2,2-Tetrachloroethane	1/29/2010	1	0.13	1	U	UG/L
	0129BLK52		LB	2514835	1,1,2-Trichloroethane	1/29/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	0129BLK52	WATER	LB	2514835	1,1-Dichloroethane	1/29/2010	1	0.15	1	U	UG/L
	0129BLK52		LB	2514835	1,1-Dichloroethene	1/29/2010	1	0.19	1	U	UG/L
	0129BLK52		LB	2514835	1,1-Dichloropropene	1/29/2010	1	0.3	1	U	UG/L
	0129BLK52		LB	2514835	1,2,3-Trichlorobenzene	1/29/2010	1.2	0.16	1.2	U	UG/L
	0129BLK52		LB	2514835	1,2,3-Trichloropropane	1/29/2010	1.5	0.35	1.5	U	UG/L
	0129BLK52		LB	2514835	1,2,4-Trichlorobenzene	1/29/2010	1	0.11	1	U	UG/L
	0129BLK52		LB	2514835	1,2,4-Trimethylbenzene	1/29/2010	1	0.13	1	U	UG/L
	0129BLK52		LB	2514835	1,2-Dibromo-3-chloropropane	1/29/2010	5	1	5	U	UG/L
	0129BLK52		LB	2514835	1,2-Dibromoethane	1/29/2010	1	0.11	1	U	UG/L
	0129BLK52		LB	2514835	1,2-Dichlorobenzene	1/29/2010	1	0.077	1	U	UG/L
	0129BLK52		LB	2514835	1,2-Dichloroethane	1/29/2010	1	0.15	1	U	UG/L
	0129BLK52		LB	2514835	1,2-Dichloropropane	1/29/2010	1	0.15	1	U	UG/L
	0129BLK52		LB	2514835	1,3,5-Trimethylbenzene	1/29/2010	1	0.14	1	U	UG/L
	0129BLK52		LB	2514835	1,3-Dichlorobenzene	1/29/2010	1	0.15	1	U	UG/L
	0129BLK52		LB	2514835	1,3-Dichloropropane	1/29/2010	1	0.3	1	U	UG/L
	0129BLK52		LB	2514835	1,4-Dichlorobenzene	1/29/2010	1	0.15	1	U	UG/L
	0129BLK52		LB	2514835	2,2-Dichloropropane	1/29/2010	5	0.17	5	U	UG/L
	0129BLK52		LB	2514835	2-Butanone	1/29/2010	6	2	6	U	UG/L
	0129BLK52		LB	2514835	2-Chlorotoluene	1/29/2010	1	0.072	1	U	UG/L
	0129BLK52		LB	2514835	2-Hexanone	1/29/2010	5	0.48	5	U	UG/L
	0129BLK52		LB	2514835	4-Chlorotoluene	1/29/2010	1	0.15	1	U	UG/L
	0129BLK52		LB	2514835	4-Methyl-2-Pentanone	1/29/2010	5	1	5	U	UG/L
	0129BLK52		LB	2514835	Acetone	1/29/2010	10	1.3	10	U	UG/L
	0129BLK52		LB	2514835	Benzene	1/29/2010	1	0.17	1	U	UG/L
	0129BLK52		LB	2514835	Bromobenzene	1/29/2010	1	0.21	1	U	UG/L
	0129BLK52		LB	2514835	Bromochloromethane	1/29/2010	1	0.17	1	U	UG/L
	0129BLK52		LB	2514835	Bromodichloromethane	1/29/2010	1	0.15	1	U	UG/L
	0129BLK52		LB	2514835	Bromoform	1/29/2010	1	0.19	1	U	UG/L
	0129BLK52		LB	2514835	Bromomethane	1/29/2010	2	0.43	2	U	UG/L
	0129BLK52		LB	2514835	Carbon disulfide	1/29/2010	2	0.19	2	U	UG/L
	0129BLK52		LB	2514835	Carbon tetrachloride	1/29/2010	1	0.14	1	U	UG/L
	0129BLK52		LB	2514835	Chlorobenzene	1/29/2010	1	0.16	1	U	UG/L
	0129BLK52		LB	2514835	Chloroethane	1/29/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	0129BLK52	WATER	LB	2514835	Chloroform	1/29/2010	1	0.16	1	U	UG/L
	0129BLK52		LB	2514835	Chloromethane	1/29/2010	2	0.32	2	U	UG/L
	0129BLK52		LB	2514835	cis-1,2-Dichloroethene	1/29/2010	1	0.19	1	U	UG/L
	0129BLK52		LB	2514835	cis-1,3-Dichloropropene	1/29/2010	1	0.12	1	U	UG/L
	0129BLK52		LB	2514835	Dibromochloromethane	1/29/2010	1	0.13	1	U	UG/L
	0129BLK52		LB	2514835	Dibromomethane	1/29/2010	1.1	0.11	1.1	U	UG/L
	0129BLK52		LB	2514835	Dichlorodifluoromethane	1/29/2010	2	0.17	2	U	UG/L
	0129BLK52		LB	2514835	Ethylbenzene	1/29/2010	1	0.22	1	U	UG/L
	0129BLK52		LB	2514835	Hexachlorobutadiene	1/29/2010	1	0.36	1	U	UG/L
	0129BLK52		LB	2514835	Isopropylbenzene	1/29/2010	1	0.14	1	U	UG/L
	0129BLK52		LB	2514835	m,p-Xylene	1/29/2010	2	0.23	2	U	UG/L
	0129BLK52		LB	2514835	Methyl tert-butyl ether (MTBE)	1/29/2010	5	0.16	5	U	UG/L
	0129BLK52		LB	2514835	Methylene chloride	1/29/2010	5	0.66	5	U	UG/L
	0129BLK52		LB	2514835	Naphthalene	1/29/2010	1	0.5	1	U	UG/L
	0129BLK52		LB	2514835	n-Butylbenzene	1/29/2010	1	0.16	1	U	UG/L
	0129BLK52		LB	2514835	n-Propylbenzene	1/29/2010	1	0.14	1	U	UG/L
	0129BLK52		LB	2514835	o-Xylene	1/29/2010	1	0.5	1	U	UG/L
	0129BLK52		LB	2514835	p-Isopropyltoluene	1/29/2010	1	0.14	1	U	UG/L
	0129BLK52		LB	2514835	sec-Butylbenzene	1/29/2010	1	0.1	1	U	UG/L
	0129BLK52		LB	2514835	Styrene	1/29/2010	1	0.12	1	U	UG/L
	0129BLK52		LB	2514835	tert-Butylbenzene	1/29/2010	1	0.2	1	U	UG/L
	0129BLK52		LB	2514835	Tetrachloroethene	1/29/2010	1	0.21	1	U	UG/L
	0129BLK52		LB	2514835	Toluene	1/29/2010	1	0.14	1	U	UG/L
	0129BLK52		LB	2514835	Trans-1,2-Dichloroethene	1/29/2010	1	0.33	1	U	UG/L
	0129BLK52		LB	2514835	trans-1,3-Dichloropropene	1/29/2010	1	0.3	1	U	UG/L
	0129BLK52		LB	2514835	Trichloroethene	1/29/2010	1	0.19	1	U	UG/L
	0129BLK52		LB	2514835	Trichlorofluoromethane	1/29/2010	2	0.12	2	U	UG/L
	0129BLK52		LB	2514835	Vinyl Chloride	1/29/2010	1	0.18	1	U	UG/L
	0129BLK52		LB	2514835	Xylenes, Total	1/29/2010	3	0.5	3	U	UG/L
	0130BLKA54		LB	2514809	1,1,1,2-Tetrachloroethane	1/30/2010	1	0.14	1	U	UG/L
	0130BLKA54		LB	2514809	1,1,1-Trichloroethane	1/30/2010	1	0.14	1	U	UG/L
	0130BLKA54		LB	2514809	1,1,2,2-Tetrachloroethane	1/30/2010	1	0.13	1	U	UG/L
	0130BLKA54		LB	2514809	1,1,2-Trichloroethane	1/30/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	0130BLKA54	WATER	LB	2514809	1,1-Dichloroethane	1/30/2010	1	0.15	1	U	UG/L
	0130BLKA54		LB	2514809	1,1-Dichloroethene	1/30/2010	1	0.19	1	U	UG/L
	0130BLKA54		LB	2514809	1,1-Dichloropropene	1/30/2010	1	0.3	1	U	UG/L
	0130BLKA54		LB	2514809	1,2,3-Trichlorobenzene	1/30/2010	1.2	0.16	1.2	U	UG/L
	0130BLKA54		LB	2514809	1,2,3-Trichloropropane	1/30/2010	1.5	0.35	1.5	U	UG/L
	0130BLKA54		LB	2514809	1,2,4-Trichlorobenzene	1/30/2010	1	0.11	1	U	UG/L
	0130BLKA54		LB	2514809	1,2,4-Trimethylbenzene	1/30/2010	1	0.13	1	U	UG/L
	0130BLKA54		LB	2514809	1,2-Dibromo-3-chloropropane	1/30/2010	5	1	5	U	UG/L
	0130BLKA54		LB	2514809	1,2-Dibromoethane	1/30/2010	1	0.11	1	U	UG/L
	0130BLKA54		LB	2514809	1,2-Dichlorobenzene	1/30/2010	1	0.077	1	U	UG/L
	0130BLKA54		LB	2514809	1,2-Dichloroethane	1/30/2010	1	0.15	1	U	UG/L
	0130BLKA54		LB	2514809	1,2-Dichloropropane	1/30/2010	1	0.15	1	U	UG/L
	0130BLKA54		LB	2514809	1,3,5-Trimethylbenzene	1/30/2010	1	0.14	1	U	UG/L
	0130BLKA54		LB	2514809	1,3-Dichlorobenzene	1/30/2010	1	0.15	1	U	UG/L
	0130BLKA54		LB	2514809	1,3-Dichloropropane	1/30/2010	1	0.3	1	U	UG/L
	0130BLKA54		LB	2514809	1,4-Dichlorobenzene	1/30/2010	1	0.15	1	U	UG/L
	0130BLKA54		LB	2514809	2,2-Dichloropropane	1/30/2010	5	0.17	5	U	UG/L
	0130BLKA54		LB	2514809	2-Butanone	1/30/2010	6	2	6	U	UG/L
	0130BLKA54		LB	2514809	2-Chlorotoluene	1/30/2010	1	0.072	1	U	UG/L
	0130BLKA54		LB	2514809	2-Hexanone	1/30/2010	5	0.48	5	U	UG/L
	0130BLKA54		LB	2514809	4-Chlorotoluene	1/30/2010	1	0.15	1	U	UG/L
	0130BLKA54		LB	2514809	4-Methyl-2-Pentanone	1/30/2010	5	1	5	U	UG/L
	0130BLKA54		LB	2514809	Acetone	1/30/2010	10	1.3	10	U	UG/L
	0130BLKA54		LB	2514809	Benzene	1/30/2010	1	0.17	1	U	UG/L
	0130BLKA54		LB	2514809	Bromobenzene	1/30/2010	1	0.21	1	U	UG/L
	0130BLKA54		LB	2514809	Bromochloromethane	1/30/2010	1	0.17	1	U	UG/L
	0130BLKA54		LB	2514809	Bromodichloromethane	1/30/2010	1	0.15	1	U	UG/L
	0130BLKA54		LB	2514809	Bromoform	1/30/2010	1	0.19	1	U	UG/L
	0130BLKA54		LB	2514809	Bromomethane	1/30/2010	2	0.43	2	U	UG/L
	0130BLKA54		LB	2514809	Carbon disulfide	1/30/2010	2	0.19	2	U	UG/L
	0130BLKA54		LB	2514809	Carbon tetrachloride	1/30/2010	1	0.14	1	U	UG/L
	0130BLKA54		LB	2514809	Chlorobenzene	1/30/2010	1	0.16	1	U	UG/L
	0130BLKA54		LB	2514809	Chloroethane	1/30/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	0130BLKA54	WATER	LB	2514809	Chloroform	1/30/2010	1	0.16	1	U	UG/L
	0130BLKA54		LB	2514809	Chloromethane	1/30/2010	2	0.32	2	U	UG/L
	0130BLKA54		LB	2514809	cis-1,2-Dichloroethene	1/30/2010	1	0.19	1	U	UG/L
	0130BLKA54		LB	2514809	cis-1,3-Dichloropropene	1/30/2010	1	0.12	1	U	UG/L
	0130BLKA54		LB	2514809	Dibromochloromethane	1/30/2010	1	0.13	1	U	UG/L
	0130BLKA54		LB	2514809	Dibromomethane	1/30/2010	1.1	0.11	1.1	U	UG/L
	0130BLKA54		LB	2514809	Dichlorodifluoromethane	1/30/2010	2	0.17	2	U	UG/L
	0130BLKA54		LB	2514809	Ethylbenzene	1/30/2010	1	0.22	1	U	UG/L
	0130BLKA54		LB	2514809	Hexachlorobutadiene	1/30/2010	1	0.36	1	U	UG/L
	0130BLKA54		LB	2514809	Isopropylbenzene	1/30/2010	1	0.14	1	U	UG/L
	0130BLKA54		LB	2514809	m,p-Xylene	1/30/2010	2	0.23	2	U	UG/L
	0130BLKA54		LB	2514809	Methyl tert-butyl ether (MTBE)	1/30/2010	5	0.16	5	U	UG/L
	0130BLKA54		LB	2514809	Methylene chloride	1/30/2010	5	0.66	5	U	UG/L
	0130BLKA54		LB	2514809	Naphthalene	1/30/2010	1	0.5	1	U	UG/L
	0130BLKA54		LB	2514809	n-Butylbenzene	1/30/2010	1	0.16	1	U	UG/L
	0130BLKA54		LB	2514809	n-Propylbenzene	1/30/2010	1	0.14	1	U	UG/L
	0130BLKA54		LB	2514809	o-Xylene	1/30/2010	1	0.5	1	U	UG/L
	0130BLKA54		LB	2514809	p-Isopropyltoluene	1/30/2010	1	0.14	1	U	UG/L
	0130BLKA54		LB	2514809	sec-Butylbenzene	1/30/2010	1	0.1	1	U	UG/L
	0130BLKA54		LB	2514809	Styrene	1/30/2010	1	0.12	1	U	UG/L
	0130BLKA54		LB	2514809	tert-Butylbenzene	1/30/2010	1	0.2	1	U	UG/L
	0130BLKA54		LB	2514809	Tetrachloroethene	1/30/2010	1	0.21	1	U	UG/L
	0130BLKA54		LB	2514809	Toluene	1/30/2010	1	0.14	1	U	UG/L
	0130BLKA54		LB	2514809	Trans-1,2-Dichloroethene	1/30/2010	1	0.33	1	U	UG/L
	0130BLKA54		LB	2514809	trans-1,3-Dichloropropene	1/30/2010	1	0.3	1	U	UG/L
	0130BLKA54		LB	2514809	Trichloroethene	1/30/2010	1	0.19	1	U	UG/L
	0130BLKA54		LB	2514809	Trichlorofluoromethane	1/30/2010	2	0.12	2	U	UG/L
	0130BLKA54		LB	2514809	Vinyl Chloride	1/30/2010	1	0.18	1	U	UG/L
	0130BLKA54		LB	2514809	Xylenes, Total	1/30/2010	3	0.5	3	U	UG/L
	020110BLKA32		LB	2514823	1,1,1,2-Tetrachloroethane	2/1/2010	1	0.14	1	U	UG/L
	020110BLKA32		LB	2514823	1,1,1-Trichloroethane	2/1/2010	1	0.14	1	U	UG/L
	020110BLKA32		LB	2514823	1,1,2,2-Tetrachloroethane	2/1/2010	1	0.13	1	U	UG/L
	020110BLKA32		LB	2514823	1,1,2-Trichloroethane	2/1/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020110BLKA32	WATER	LB	2514823	1,1-Dichloroethane	2/1/2010	1	0.15	1	U	UG/L
	020110BLKA32		LB	2514823	1,1-Dichloroethene	2/1/2010	1	0.19	1	U	UG/L
	020110BLKA32		LB	2514823	1,1-Dichloropropene	2/1/2010	1	0.3	1	U	UG/L
	020110BLKA32		LB	2514823	1,2,3-Trichlorobenzene	2/1/2010	1.2	0.16	1.2	U	UG/L
	020110BLKA32		LB	2514823	1,2,3-Trichloropropane	2/1/2010	1.5	0.35	1.5	U	UG/L
	020110BLKA32		LB	2514823	1,2,4-Trichlorobenzene	2/1/2010	1	0.11	1	U	UG/L
	020110BLKA32		LB	2514823	1,2,4-Trimethylbenzene	2/1/2010	1	0.13	1	U	UG/L
	020110BLKA32		LB	2514823	1,2-Dibromo-3-chloropropane	2/1/2010	5	1	5	U	UG/L
	020110BLKA32		LB	2514823	1,2-Dibromoethane	2/1/2010	1	0.11	1	U	UG/L
	020110BLKA32		LB	2514823	1,2-Dichlorobenzene	2/1/2010	1	0.077	1	U	UG/L
	020110BLKA32		LB	2514823	1,2-Dichloroethane	2/1/2010	1	0.15	1	U	UG/L
	020110BLKA32		LB	2514823	1,2-Dichloropropane	2/1/2010	1	0.15	1	U	UG/L
	020110BLKA32		LB	2514823	1,3,5-Trimethylbenzene	2/1/2010	1	0.14	1	U	UG/L
	020110BLKA32		LB	2514823	1,3-Dichlorobenzene	2/1/2010	1	0.15	1	U	UG/L
	020110BLKA32		LB	2514823	1,3-Dichloropropane	2/1/2010	1	0.3	1	U	UG/L
	020110BLKA32		LB	2514823	1,4-Dichlorobenzene	2/1/2010	1	0.15	1	U	UG/L
	020110BLKA32		LB	2514823	2,2-Dichloropropane	2/1/2010	5	0.17	5	U	UG/L
	020110BLKA32		LB	2514823	2-Butanone	2/1/2010	6	2	6	U	UG/L
	020110BLKA32		LB	2514823	2-Chlorotoluene	2/1/2010	1	0.072	1	U	UG/L
	020110BLKA32		LB	2514823	2-Hexanone	2/1/2010	5	0.48	5	U	UG/L
	020110BLKA32		LB	2514823	4-Chlorotoluene	2/1/2010	1	0.15	1	U	UG/L
	020110BLKA32		LB	2514823	4-Methyl-2-Pentanone	2/1/2010	5	1	5	U	UG/L
	020110BLKA32		LB	2514823	Acetone	2/1/2010	10	1.3	10	U	UG/L
	020110BLKA32		LB	2514823	Benzene	2/1/2010	1	0.17	1	U	UG/L
	020110BLKA32		LB	2514823	Bromobenzene	2/1/2010	1	0.21	1	U	UG/L
	020110BLKA32		LB	2514823	Bromochloromethane	2/1/2010	1	0.17	1	U	UG/L
	020110BLKA32		LB	2514823	Bromodichloromethane	2/1/2010	1	0.15	1	U	UG/L
	020110BLKA32		LB	2514823	Bromoform	2/1/2010	1	0.19	1	U	UG/L
	020110BLKA32		LB	2514823	Bromomethane	2/1/2010	2	0.43	2	U	UG/L
	020110BLKA32		LB	2514823	Carbon disulfide	2/1/2010	2	0.19	2	U	UG/L
	020110BLKA32		LB	2514823	Carbon tetrachloride	2/1/2010	1	0.14	1	U	UG/L
	020110BLKA32		LB	2514823	Chlorobenzene	2/1/2010	1	0.16	1	U	UG/L
	020110BLKA32		LB	2514823	Chloroethane	2/1/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020110BLKA32	WATER	LB	2514823	Chloroform	2/1/2010	1	0.16	1	U	UG/L
	020110BLKA32		LB	2514823	Chloromethane	2/1/2010	2	0.32	2	U	UG/L
	020110BLKA32		LB	2514823	cis-1,2-Dichloroethene	2/1/2010	1	0.19	1	U	UG/L
	020110BLKA32		LB	2514823	cis-1,3-Dichloropropene	2/1/2010	1	0.12	1	U	UG/L
	020110BLKA32		LB	2514823	Dibromochloromethane	2/1/2010	1	0.13	1	U	UG/L
	020110BLKA32		LB	2514823	Dibromomethane	2/1/2010	1.1	0.11	1.1	U	UG/L
	020110BLKA32		LB	2514823	Dichlorodifluoromethane	2/1/2010	2	0.17	2	U	UG/L
	020110BLKA32		LB	2514823	Ethylbenzene	2/1/2010	1	0.22	1	U	UG/L
	020110BLKA32		LB	2514823	Hexachlorobutadiene	2/1/2010	1	0.36	1	U	UG/L
	020110BLKA32		LB	2514823	Isopropylbenzene	2/1/2010	1	0.14	1	U	UG/L
	020110BLKA32		LB	2514823	m,p-Xylene	2/1/2010	2	0.23	2	U	UG/L
	020110BLKA32		LB	2514823	Methyl tert-butyl ether (MTBE)	2/1/2010	5	0.16	5	U	UG/L
	020110BLKA32		LB	2514823	Methylene chloride	2/1/2010	5	0.66	5	U	UG/L
	020110BLKA32		LB	2514823	Naphthalene	2/1/2010	1	0.5	1	U	UG/L
	020110BLKA32		LB	2514823	n-Butylbenzene	2/1/2010	1	0.16	1	U	UG/L
	020110BLKA32		LB	2514823	n-Propylbenzene	2/1/2010	1	0.14	1	U	UG/L
	020110BLKA32		LB	2514823	o-Xylene	2/1/2010	1	0.5	1	U	UG/L
	020110BLKA32		LB	2514823	p-Isopropyltoluene	2/1/2010	1	0.14	1	U	UG/L
	020110BLKA32		LB	2514823	sec-Butylbenzene	2/1/2010	1	0.1	1	U	UG/L
	020110BLKA32		LB	2514823	Styrene	2/1/2010	1	0.12	1	U	UG/L
	020110BLKA32		LB	2514823	tert-Butylbenzene	2/1/2010	1	0.2	1	U	UG/L
	020110BLKA32		LB	2514823	Tetrachloroethene	2/1/2010	1	0.21	1	U	UG/L
	020110BLKA32		LB	2514823	Toluene	2/1/2010	1	0.14	1	U	UG/L
	020110BLKA32		LB	2514823	Trans-1,2-Dichloroethene	2/1/2010	1	0.33	1	U	UG/L
	020110BLKA32		LB	2514823	trans-1,3-Dichloropropene	2/1/2010	1	0.3	1	U	UG/L
	020110BLKA32		LB	2514823	Trichloroethene	2/1/2010	1	0.19	1	U	UG/L
	020110BLKA32		LB	2514823	Trichlorofluoromethane	2/1/2010	2	0.12	2	U	UG/L
	020110BLKA32		LB	2514823	Vinyl Chloride	2/1/2010	1	0.18	1	U	UG/L
	020110BLKA32		LB	2514823	Xylenes, Total	2/1/2010	3	0.5	3	U	UG/L
	020410BLKA32		LB	2514863	1,1,1,2-Tetrachloroethane	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514890	1,1,1,2-Tetrachloroethane	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514859	1,1,1,2-Tetrachloroethane	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514888	1,1,1,2-Tetrachloroethane	2/4/2010	1	0.14	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020410BLKA32	WATER	LB	2514859	1,1,1-Trichloroethane	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514863	1,1,1-Trichloroethane	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514890	1,1,1-Trichloroethane	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514888	1,1,1-Trichloroethane	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514863	1,1,2,2-Tetrachloroethane	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514890	1,1,2,2-Tetrachloroethane	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514859	1,1,2,2-Tetrachloroethane	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514888	1,1,2,2-Tetrachloroethane	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514859	1,1,2-Trichloroethane	2/4/2010	1	0.2	1	U	UG/L
	020410BLKA32		LB	2514890	1,1,2-Trichloroethane	2/4/2010	1	0.2	1	U	UG/L
	020410BLKA32		LB	2514863	1,1,2-Trichloroethane	2/4/2010	1	0.2	1	U	UG/L
	020410BLKA32		LB	2514888	1,1,2-Trichloroethane	2/4/2010	1	0.2	1	U	UG/L
	020410BLKA32		LB	2514859	1,1-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514863	1,1-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514890	1,1-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514888	1,1-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514890	1,1-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514859	1,1-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514863	1,1-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514888	1,1-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514890	1,1-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514863	1,1-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514859	1,1-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514888	1,1-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514859	1,2,3-Trichlorobenzene	2/4/2010	1.2	0.16	1.2	U	UG/L
	020410BLKA32		LB	2514863	1,2,3-Trichlorobenzene	2/4/2010	1.2	0.16	1.2	U	UG/L
	020410BLKA32		LB	2514890	1,2,3-Trichlorobenzene	2/4/2010	1.2	0.16	1.2	U	UG/L
	020410BLKA32		LB	2514888	1,2,3-Trichlorobenzene	2/4/2010	1.2	0.16	1.2	U	UG/L
	020410BLKA32		LB	2514863	1,2,3-Trichloropropane	2/4/2010	1.5	0.35	1.5	U	UG/L
	020410BLKA32		LB	2514890	1,2,3-Trichloropropane	2/4/2010	1.5	0.35	1.5	U	UG/L
	020410BLKA32		LB	2514859	1,2,3-Trichloropropane	2/4/2010	1.5	0.35	1.5	U	UG/L
	020410BLKA32		LB	2514888	1,2,3-Trichloropropane	2/4/2010	1.5	0.35	1.5	U	UG/L
	020410BLKA32		LB	2514863	1,2,4-Trichlorobenzene	2/4/2010	1	0.11	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020410BLKA32	WATER	LB	2514859	1,2,4-Trichlorobenzene	2/4/2010	1	0.11	1	U	UG/L
	020410BLKA32		LB	2514890	1,2,4-Trichlorobenzene	2/4/2010	1	0.11	1	U	UG/L
	020410BLKA32		LB	2514888	1,2,4-Trichlorobenzene	2/4/2010	1	0.11	1	U	UG/L
	020410BLKA32		LB	2514863	1,2,4-Trimethylbenzene	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514890	1,2,4-Trimethylbenzene	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514859	1,2,4-Trimethylbenzene	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514888	1,2,4-Trimethylbenzene	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514890	1,2-Dibromo-3-chloropropane	2/4/2010	5	1	5	U	UG/L
	020410BLKA32		LB	2514863	1,2-Dibromo-3-chloropropane	2/4/2010	5	1	5	U	UG/L
	020410BLKA32		LB	2514859	1,2-Dibromo-3-chloropropane	2/4/2010	5	1	5	U	UG/L
	020410BLKA32		LB	2514888	1,2-Dibromo-3-chloropropane	2/4/2010	5	1	5	U	UG/L
	020410BLKA32		LB	2514863	1,2-Dibromoethane	2/4/2010	1	0.11	1	U	UG/L
	020410BLKA32		LB	2514890	1,2-Dibromoethane	2/4/2010	1	0.11	1	U	UG/L
	020410BLKA32		LB	2514859	1,2-Dibromoethane	2/4/2010	1	0.11	1	U	UG/L
	020410BLKA32		LB	2514888	1,2-Dibromoethane	2/4/2010	1	0.11	1	U	UG/L
	020410BLKA32		LB	2514863	1,2-Dichlorobenzene	2/4/2010	1	0.077	1	U	UG/L
	020410BLKA32		LB	2514859	1,2-Dichlorobenzene	2/4/2010	1	0.077	1	U	UG/L
	020410BLKA32		LB	2514890	1,2-Dichlorobenzene	2/4/2010	1	0.077	1	U	UG/L
	020410BLKA32		LB	2514888	1,2-Dichlorobenzene	2/4/2010	1	0.077	1	U	UG/L
	020410BLKA32		LB	2514890	1,2-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514859	1,2-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514863	1,2-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514888	1,2-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514863	1,2-Dichloropropane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514890	1,2-Dichloropropane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514859	1,2-Dichloropropane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514888	1,2-Dichloropropane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514859	1,3,5-Trimethylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514890	1,3,5-Trimethylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514863	1,3,5-Trimethylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514888	1,3,5-Trimethylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514859	1,3-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514863	1,3-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020410BLKA32	WATER	LB	2514890	1,3-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514888	1,3-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514863	1,3-Dichloropropane	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514890	1,3-Dichloropropane	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514859	1,3-Dichloropropane	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514888	1,3-Dichloropropane	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514890	1,4-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514859	1,4-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514863	1,4-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514888	1,4-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514859	2,2-Dichloropropane	2/4/2010	5	0.17	5	U	UG/L
	020410BLKA32		LB	2514890	2,2-Dichloropropane	2/4/2010	5	0.17	5	U	UG/L
	020410BLKA32		LB	2514863	2,2-Dichloropropane	2/4/2010	5	0.17	5	U	UG/L
	020410BLKA32		LB	2514888	2,2-Dichloropropane	2/4/2010	5	0.17	5	U	UG/L
	020410BLKA32		LB	2514859	2-Butanone	2/4/2010	6	2	6	U	UG/L
	020410BLKA32		LB	2514890	2-Butanone	2/4/2010	6	2	6	U	UG/L
	020410BLKA32		LB	2514863	2-Butanone	2/4/2010	6	2	6	U	UG/L
	020410BLKA32		LB	2514888	2-Butanone	2/4/2010	6	2	6	U	UG/L
	020410BLKA32		LB	2514863	2-Chlorotoluene	2/4/2010	1	0.072	1	U	UG/L
	020410BLKA32		LB	2514859	2-Chlorotoluene	2/4/2010	1	0.072	1	U	UG/L
	020410BLKA32		LB	2514890	2-Chlorotoluene	2/4/2010	1	0.072	1	U	UG/L
	020410BLKA32		LB	2514888	2-Chlorotoluene	2/4/2010	1	0.072	1	U	UG/L
	020410BLKA32		LB	2514890	2-Hexanone	2/4/2010	5	0.48	5	U	UG/L
	020410BLKA32		LB	2514863	2-Hexanone	2/4/2010	5	0.48	5	U	UG/L
	020410BLKA32		LB	2514859	2-Hexanone	2/4/2010	5	0.48	5	U	UG/L
	020410BLKA32		LB	2514888	2-Hexanone	2/4/2010	5	0.48	5	U	UG/L
	020410BLKA32		LB	2514863	4-Chlorotoluene	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514859	4-Chlorotoluene	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514890	4-Chlorotoluene	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514888	4-Chlorotoluene	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514859	4-Methyl-2-Pentanone	2/4/2010	5	1	5	U	UG/L
	020410BLKA32		LB	2514890	4-Methyl-2-Pentanone	2/4/2010	5	1	5	U	UG/L
	020410BLKA32		LB	2514863	4-Methyl-2-Pentanone	2/4/2010	5	1	5	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020410BLKA32	WATER	LB	2514888	4-Methyl-2-Pentanone	2/4/2010	5	1	5	U	UG/L
	020410BLKA32		LB	2514890	Acetone	2/4/2010	10	1.3	10	U	UG/L
	020410BLKA32		LB	2514863	Acetone	2/4/2010	10	1.3	10	U	UG/L
	020410BLKA32		LB	2514859	Acetone	2/4/2010	10	1.3	10	U	UG/L
	020410BLKA32		LB	2514888	Acetone	2/4/2010	10	1.3	10	U	UG/L
	020410BLKA32		LB	2514890	Benzene	2/4/2010	1	0.17	1	U	UG/L
	020410BLKA32		LB	2514859	Benzene	2/4/2010	1	0.17	1	U	UG/L
	020410BLKA32		LB	2514863	Benzene	2/4/2010	1	0.17	1	U	UG/L
	020410BLKA32		LB	2514888	Benzene	2/4/2010	1	0.17	1	U	UG/L
	020410BLKA32		LB	2514859	Bromobenzene	2/4/2010	1	0.21	1	U	UG/L
	020410BLKA32		LB	2514863	Bromobenzene	2/4/2010	1	0.21	1	U	UG/L
	020410BLKA32		LB	2514890	Bromobenzene	2/4/2010	1	0.21	1	U	UG/L
	020410BLKA32		LB	2514888	Bromobenzene	2/4/2010	1	0.21	1	U	UG/L
	020410BLKA32		LB	2514859	Bromochloromethane	2/4/2010	1	0.17	1	U	UG/L
	020410BLKA32		LB	2514863	Bromochloromethane	2/4/2010	1	0.17	1	U	UG/L
	020410BLKA32		LB	2514890	Bromochloromethane	2/4/2010	1	0.17	1	U	UG/L
	020410BLKA32		LB	2514888	Bromochloromethane	2/4/2010	1	0.17	1	U	UG/L
	020410BLKA32		LB	2514859	Bromodichloromethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514863	Bromodichloromethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514890	Bromodichloromethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514888	Bromodichloromethane	2/4/2010	1	0.15	1	U	UG/L
	020410BLKA32		LB	2514890	Bromoform	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514859	Bromoform	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514863	Bromoform	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514888	Bromoform	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514859	Bromomethane	2/4/2010	2	0.43	2	U	UG/L
	020410BLKA32		LB	2514890	Bromomethane	2/4/2010	2	0.43	2	U	UG/L
	020410BLKA32		LB	2514863	Bromomethane	2/4/2010	2	0.43	2	U	UG/L
	020410BLKA32		LB	2514888	Bromomethane	2/4/2010	2	0.43	2	U	UG/L
	020410BLKA32		LB	2514890	Carbon disulfide	2/4/2010	2	0.19	2	U	UG/L
	020410BLKA32		LB	2514859	Carbon disulfide	2/4/2010	2	0.19	2	U	UG/L
	020410BLKA32		LB	2514863	Carbon disulfide	2/4/2010	2	0.19	2	U	UG/L
	020410BLKA32		LB	2514888	Carbon disulfide	2/4/2010	2	0.19	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020410BLKA32	WATER	LB	2514859	Carbon tetrachloride	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514890	Carbon tetrachloride	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514863	Carbon tetrachloride	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514888	Carbon tetrachloride	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514859	Chlorobenzene	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514863	Chlorobenzene	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514890	Chlorobenzene	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514888	Chlorobenzene	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514859	Chloroethane	2/4/2010	2	0.72	2	U	UG/L
	020410BLKA32		LB	2514863	Chloroethane	2/4/2010	2	0.72	2	U	UG/L
	020410BLKA32		LB	2514890	Chloroethane	2/4/2010	2	0.72	2	U	UG/L
	020410BLKA32		LB	2514888	Chloroethane	2/4/2010	2	0.72	2	U	UG/L
	020410BLKA32		LB	2514890	Chloroform	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514863	Chloroform	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514859	Chloroform	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514888	Chloroform	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514863	Chloromethane	2/4/2010	2	0.32	2	U	UG/L
	020410BLKA32		LB	2514859	Chloromethane	2/4/2010	2	0.32	2	U	UG/L
	020410BLKA32		LB	2514890	Chloromethane	2/4/2010	2	0.32	2	U	UG/L
	020410BLKA32		LB	2514888	Chloromethane	2/4/2010	2	0.32	2	U	UG/L
	020410BLKA32		LB	2514890	cis-1,2-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514863	cis-1,2-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514859	cis-1,2-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514888	cis-1,2-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514890	cis-1,3-Dichloropropene	2/4/2010	1	0.12	1	U	UG/L
	020410BLKA32		LB	2514859	cis-1,3-Dichloropropene	2/4/2010	1	0.12	1	U	UG/L
	020410BLKA32		LB	2514863	cis-1,3-Dichloropropene	2/4/2010	1	0.12	1	U	UG/L
	020410BLKA32		LB	2514888	cis-1,3-Dichloropropene	2/4/2010	1	0.12	1	U	UG/L
	020410BLKA32		LB	2514863	Dibromochloromethane	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514859	Dibromochloromethane	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514890	Dibromochloromethane	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514888	Dibromochloromethane	2/4/2010	1	0.13	1	U	UG/L
	020410BLKA32		LB	2514859	Dibromomethane	2/4/2010	1.1	0.11	1.1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020410BLKA32	WATER	LB	2514863	Dibromomethane	2/4/2010	1.1	0.11	1.1	U	UG/L
	020410BLKA32		LB	2514890	Dibromomethane	2/4/2010	1.1	0.11	1.1	U	UG/L
	020410BLKA32		LB	2514888	Dibromomethane	2/4/2010	1.1	0.11	1.1	U	UG/L
	020410BLKA32		LB	2514859	Dichlorodifluoromethane	2/4/2010	2	0.17	2	U	UG/L
	020410BLKA32		LB	2514890	Dichlorodifluoromethane	2/4/2010	2	0.17	2	U	UG/L
	020410BLKA32		LB	2514863	Dichlorodifluoromethane	2/4/2010	2	0.17	2	U	UG/L
	020410BLKA32		LB	2514888	Dichlorodifluoromethane	2/4/2010	2	0.17	2	U	UG/L
	020410BLKA32		LB	2514859	Ethylbenzene	2/4/2010	1	0.22	1	U	UG/L
	020410BLKA32		LB	2514863	Ethylbenzene	2/4/2010	1	0.22	1	U	UG/L
	020410BLKA32		LB	2514890	Ethylbenzene	2/4/2010	1	0.22	1	U	UG/L
	020410BLKA32		LB	2514888	Ethylbenzene	2/4/2010	1	0.22	1	U	UG/L
	020410BLKA32		LB	2514890	Hexachlorobutadiene	2/4/2010	1	0.36	1	U	UG/L
	020410BLKA32		LB	2514859	Hexachlorobutadiene	2/4/2010	1	0.36	1	U	UG/L
	020410BLKA32		LB	2514863	Hexachlorobutadiene	2/4/2010	1	0.36	1	U	UG/L
	020410BLKA32		LB	2514888	Hexachlorobutadiene	2/4/2010	1	0.36	1	U	UG/L
	020410BLKA32		LB	2514890	Isopropylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514859	Isopropylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514863	Isopropylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514888	Isopropylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514890	m,p-Xylene	2/4/2010	2	0.23	2	U	UG/L
	020410BLKA32		LB	2514859	m,p-Xylene	2/4/2010	2	0.23	2	U	UG/L
	020410BLKA32		LB	2514863	m,p-Xylene	2/4/2010	2	0.23	2	U	UG/L
	020410BLKA32		LB	2514888	m,p-Xylene	2/4/2010	2	0.23	2	U	UG/L
	020410BLKA32		LB	2514859	Methyl tert-butyl ether (MTBE)	2/4/2010	5	0.16	5	U	UG/L
	020410BLKA32		LB	2514863	Methyl tert-butyl ether (MTBE)	2/4/2010	5	0.16	5	U	UG/L
	020410BLKA32		LB	2514890	Methyl tert-butyl ether (MTBE)	2/4/2010	5	0.16	5	U	UG/L
	020410BLKA32		LB	2514888	Methyl tert-butyl ether (MTBE)	2/4/2010	5	0.16	5	U	UG/L
	020410BLKA32		LB	2514863	Methylene chloride	2/4/2010	5	0.66	5	U	UG/L
	020410BLKA32		LB	2514890	Methylene chloride	2/4/2010	5	0.66	5	U	UG/L
	020410BLKA32		LB	2514859	Methylene chloride	2/4/2010	5	0.66	5	U	UG/L
	020410BLKA32		LB	2514888	Methylene chloride	2/4/2010	5	0.66	5	U	UG/L
	020410BLKA32		LB	2514890	Naphthalene	2/4/2010	1	0.5	1	U	UG/L
	020410BLKA32		LB	2514863	Naphthalene	2/4/2010	1	0.5	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020410BLKA32	WATER	LB	2514859	Naphthalene	2/4/2010	1	0.5	1	U	UG/L
	020410BLKA32		LB	2514888	Naphthalene	2/4/2010	1	0.5	1	U	UG/L
	020410BLKA32		LB	2514859	n-Butylbenzene	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514863	n-Butylbenzene	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514890	n-Butylbenzene	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514888	n-Butylbenzene	2/4/2010	1	0.16	1	U	UG/L
	020410BLKA32		LB	2514890	n-Propylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514859	n-Propylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514863	n-Propylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514888	n-Propylbenzene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514859	o-Xylene	2/4/2010	1	0.5	1	U	UG/L
	020410BLKA32		LB	2514863	o-Xylene	2/4/2010	1	0.5	1	U	UG/L
	020410BLKA32		LB	2514890	o-Xylene	2/4/2010	1	0.5	1	U	UG/L
	020410BLKA32		LB	2514888	o-Xylene	2/4/2010	1	0.5	1	U	UG/L
	020410BLKA32		LB	2514859	p-Isopropyltoluene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514890	p-Isopropyltoluene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514863	p-Isopropyltoluene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514888	p-Isopropyltoluene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514859	sec-Butylbenzene	2/4/2010	1	0.1	1	U	UG/L
	020410BLKA32		LB	2514890	sec-Butylbenzene	2/4/2010	1	0.1	1	U	UG/L
	020410BLKA32		LB	2514863	sec-Butylbenzene	2/4/2010	1	0.1	1	U	UG/L
	020410BLKA32		LB	2514888	sec-Butylbenzene	2/4/2010	1	0.1	1	U	UG/L
	020410BLKA32		LB	2514859	Styrene	2/4/2010	1	0.12	1	U	UG/L
	020410BLKA32		LB	2514863	Styrene	2/4/2010	1	0.12	1	U	UG/L
	020410BLKA32		LB	2514890	Styrene	2/4/2010	1	0.12	1	U	UG/L
	020410BLKA32		LB	2514888	Styrene	2/4/2010	1	0.12	1	U	UG/L
	020410BLKA32		LB	2514863	tert-Butylbenzene	2/4/2010	1	0.2	1	U	UG/L
	020410BLKA32		LB	2514859	tert-Butylbenzene	2/4/2010	1	0.2	1	U	UG/L
	020410BLKA32		LB	2514890	tert-Butylbenzene	2/4/2010	1	0.2	1	U	UG/L
	020410BLKA32		LB	2514888	tert-Butylbenzene	2/4/2010	1	0.2	1	U	UG/L
	020410BLKA32		LB	2514863	Tetrachloroethene	2/4/2010	1	0.21	1	U	UG/L
	020410BLKA32		LB	2514890	Tetrachloroethene	2/4/2010	1	0.21	1	U	UG/L
	020410BLKA32		LB	2514859	Tetrachloroethene	2/4/2010	1	0.21	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020410BLKA32	WATER	LB	2514888	Tetrachloroethene	2/4/2010	1	0.21	1	U	UG/L
	020410BLKA32		LB	2514863	Toluene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514859	Toluene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514890	Toluene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514888	Toluene	2/4/2010	1	0.14	1	U	UG/L
	020410BLKA32		LB	2514859	Trans-1,2-Dichloroethene	2/4/2010	1	0.33	1	U	UG/L
	020410BLKA32		LB	2514890	Trans-1,2-Dichloroethene	2/4/2010	1	0.33	1	U	UG/L
	020410BLKA32		LB	2514863	Trans-1,2-Dichloroethene	2/4/2010	1	0.33	1	U	UG/L
	020410BLKA32		LB	2514888	Trans-1,2-Dichloroethene	2/4/2010	1	0.33	1	U	UG/L
	020410BLKA32		LB	2514890	trans-1,3-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514859	trans-1,3-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514863	trans-1,3-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514888	trans-1,3-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	020410BLKA32		LB	2514863	Trichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514890	Trichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514859	Trichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514888	Trichloroethene	2/4/2010	1	0.19	1	U	UG/L
	020410BLKA32		LB	2514859	Trichlorofluoromethane	2/4/2010	2	0.12	2	U	UG/L
	020410BLKA32		LB	2514863	Trichlorofluoromethane	2/4/2010	2	0.12	2	U	UG/L
	020410BLKA32		LB	2514890	Trichlorofluoromethane	2/4/2010	2	0.12	2	U	UG/L
	020410BLKA32		LB	2514888	Trichlorofluoromethane	2/4/2010	2	0.12	2	U	UG/L
	020410BLKA32		LB	2514890	Vinyl Chloride	2/4/2010	1	0.18	1	U	UG/L
	020410BLKA32		LB	2514859	Vinyl Chloride	2/4/2010	1	0.18	1	U	UG/L
	020410BLKA32		LB	2514863	Vinyl Chloride	2/4/2010	1	0.18	1	U	UG/L
	020410BLKA32		LB	2514888	Vinyl Chloride	2/4/2010	1	0.18	1	U	UG/L
	020410BLKA32		LB	2514890	Xylenes, Total	2/4/2010	3	0.5	3	U	UG/L
	020410BLKA32		LB	2514859	Xylenes, Total	2/4/2010	3	0.5	3	U	UG/L
	020410BLKA32		LB	2514863	Xylenes, Total	2/4/2010	3	0.5	3	U	UG/L
	020410BLKA32		LB	2514888	Xylenes, Total	2/4/2010	3	0.5	3	U	UG/L
	020510BLKA32		LB	2514878	1,1,1,2-Tetrachloroethane	2/5/2010	1	0.14	1	U	UG/L
	020510BLKA32		LB	2514878	1,1,1-Trichloroethane	2/5/2010	1	0.14	1	U	UG/L
	020510BLKA32		LB	2514878	1,1,2,2-Tetrachloroethane	2/5/2010	1	0.13	1	U	UG/L
	020510BLKA32		LB	2514878	1,1,2-Trichloroethane	2/5/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020510BLKA32	WATER	LB	2514878	1,1-Dichloroethane	2/5/2010	1	0.15	1	U	UG/L
	020510BLKA32		LB	2514878	1,1-Dichloroethene	2/5/2010	1	0.19	1	U	UG/L
	020510BLKA32		LB	2514878	1,1-Dichloropropene	2/5/2010	1	0.3	1	U	UG/L
	020510BLKA32		LB	2514878	1,2,3-Trichlorobenzene	2/5/2010	1.2	0.16	1.2	U	UG/L
	020510BLKA32		LB	2514878	1,2,3-Trichloropropane	2/5/2010	1.5	0.35	1.5	U	UG/L
	020510BLKA32		LB	2514878	1,2,4-Trichlorobenzene	2/5/2010	1	0.11	1	U	UG/L
	020510BLKA32		LB	2514878	1,2,4-Trimethylbenzene	2/5/2010	1	0.13	1	U	UG/L
	020510BLKA32		LB	2514878	1,2-Dibromo-3-chloropropane	2/5/2010	5	1	5	U	UG/L
	020510BLKA32		LB	2514878	1,2-Dibromoethane	2/5/2010	1	0.11	1	U	UG/L
	020510BLKA32		LB	2514878	1,2-Dichlorobenzene	2/5/2010	1	0.077	1	U	UG/L
	020510BLKA32		LB	2514878	1,2-Dichloroethane	2/5/2010	1	0.15	1	U	UG/L
	020510BLKA32		LB	2514878	1,2-Dichloropropane	2/5/2010	1	0.15	1	U	UG/L
	020510BLKA32		LB	2514878	1,3,5-Trimethylbenzene	2/5/2010	1	0.14	1	U	UG/L
	020510BLKA32		LB	2514878	1,3-Dichlorobenzene	2/5/2010	1	0.15	1	U	UG/L
	020510BLKA32		LB	2514878	1,3-Dichloropropane	2/5/2010	1	0.3	1	U	UG/L
	020510BLKA32		LB	2514878	1,4-Dichlorobenzene	2/5/2010	1	0.15	1	U	UG/L
	020510BLKA32		LB	2514878	2,2-Dichloropropane	2/5/2010	5	0.17	5	U	UG/L
	020510BLKA32		LB	2514878	2-Butanone	2/5/2010	6	2	6	U	UG/L
	020510BLKA32		LB	2514878	2-Chlorotoluene	2/5/2010	1	0.072	1	U	UG/L
	020510BLKA32		LB	2514878	2-Hexanone	2/5/2010	5	0.48	5	U	UG/L
	020510BLKA32		LB	2514878	4-Chlorotoluene	2/5/2010	1	0.15	1	U	UG/L
	020510BLKA32		LB	2514878	4-Methyl-2-Pentanone	2/5/2010	5	1	5	U	UG/L
	020510BLKA32		LB	2514878	Acetone	2/5/2010	10	1.3	10	U	UG/L
	020510BLKA32		LB	2514878	Benzene	2/5/2010	1	0.17	1	U	UG/L
	020510BLKA32		LB	2514878	Bromobenzene	2/5/2010	1	0.21	1	U	UG/L
	020510BLKA32		LB	2514878	Bromochloromethane	2/5/2010	1	0.17	1	U	UG/L
	020510BLKA32		LB	2514878	Bromodichloromethane	2/5/2010	1	0.15	1	U	UG/L
	020510BLKA32		LB	2514878	Bromoform	2/5/2010	1	0.19	1	U	UG/L
	020510BLKA32		LB	2514878	Bromomethane	2/5/2010	2	0.43	2	U	UG/L
	020510BLKA32		LB	2514878	Carbon disulfide	2/5/2010	2	0.19	2	U	UG/L
	020510BLKA32		LB	2514878	Carbon tetrachloride	2/5/2010	1	0.14	1	U	UG/L
	020510BLKA32		LB	2514878	Chlorobenzene	2/5/2010	1	0.16	1	U	UG/L
	020510BLKA32		LB	2514878	Chloroethane	2/5/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020510BLKA32	WATER	LB	2514878	Chloroform	2/5/2010	1	0.16	1	U	UG/L
	020510BLKA32		LB	2514878	Chloromethane	2/5/2010	2	0.32	2	U	UG/L
	020510BLKA32		LB	2514878	cis-1,2-Dichloroethene	2/5/2010	1	0.19	1	U	UG/L
	020510BLKA32		LB	2514878	cis-1,3-Dichloropropene	2/5/2010	1	0.12	1	U	UG/L
	020510BLKA32		LB	2514878	Dibromochloromethane	2/5/2010	1	0.13	1	U	UG/L
	020510BLKA32		LB	2514878	Dibromomethane	2/5/2010	1.1	0.11	1.1	U	UG/L
	020510BLKA32		LB	2514878	Dichlorodifluoromethane	2/5/2010	2	0.17	2	U	UG/L
	020510BLKA32		LB	2514878	Ethylbenzene	2/5/2010	1	0.22	1	U	UG/L
	020510BLKA32		LB	2514878	Hexachlorobutadiene	2/5/2010	1	0.36	1	U	UG/L
	020510BLKA32		LB	2514878	Isopropylbenzene	2/5/2010	1	0.14	1	U	UG/L
	020510BLKA32		LB	2514878	m,p-Xylene	2/5/2010	2	0.23	2	U	UG/L
	020510BLKA32		LB	2514878	Methyl tert-butyl ether (MTBE)	2/5/2010	5	0.16	5	U	UG/L
	020510BLKA32		LB	2514878	Methylene chloride	2/5/2010	5	0.66	5	U	UG/L
	020510BLKA32		LB	2514878	Naphthalene	2/5/2010	1	0.5	1	U	UG/L
	020510BLKA32		LB	2514878	n-Butylbenzene	2/5/2010	1	0.16	1	U	UG/L
	020510BLKA32		LB	2514878	n-Propylbenzene	2/5/2010	1	0.14	1	U	UG/L
	020510BLKA32		LB	2514878	o-Xylene	2/5/2010	1	0.5	1	U	UG/L
	020510BLKA32		LB	2514878	p-Isopropyltoluene	2/5/2010	1	0.14	1	U	UG/L
	020510BLKA32		LB	2514878	sec-Butylbenzene	2/5/2010	1	0.1	1	U	UG/L
	020510BLKA32		LB	2514878	Styrene	2/5/2010	1	0.12	1	U	UG/L
	020510BLKA32		LB	2514878	tert-Butylbenzene	2/5/2010	1	0.2	1	U	UG/L
	020510BLKA32		LB	2514878	Tetrachloroethene	2/5/2010	1	0.21	1	U	UG/L
	020510BLKA32		LB	2514878	Toluene	2/5/2010	1	0.14	1	U	UG/L
	020510BLKA32		LB	2514878	Trans-1,2-Dichloroethene	2/5/2010	1	0.33	1	U	UG/L
	020510BLKA32		LB	2514878	trans-1,3-Dichloropropene	2/5/2010	1	0.3	1	U	UG/L
	020510BLKA32		LB	2514878	Trichloroethene	2/5/2010	1	0.19	1	U	UG/L
	020510BLKA32		LB	2514878	Trichlorofluoromethane	2/5/2010	2	0.12	2	U	UG/L
	020510BLKA32		LB	2514878	Vinyl Chloride	2/5/2010	1	0.18	1	U	UG/L
	020510BLKA32		LB	2514878	Xylenes, Total	2/5/2010	3	0.5	3	U	UG/L
	020810BLKA32		LB	2514878	1,1,1,2-Tetrachloroethane	2/8/2010	1	0.14	1	U	UG/L
	020810BLKA32		LB	2514878	1,1,1-Trichloroethane	2/8/2010	1	0.14	1	U	UG/L
	020810BLKA32		LB	2514878	1,1,2,2-Tetrachloroethane	2/8/2010	1	0.13	1	U	UG/L
	020810BLKA32		LB	2514878	1,1,2-Trichloroethane	2/8/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020810BLKA32	WATER	LB	2514878	1,1-Dichloroethane	2/8/2010	1	0.15	1	U	UG/L
	020810BLKA32		LB	2514878	1,1-Dichloroethene	2/8/2010	1	0.19	1	U	UG/L
	020810BLKA32		LB	2514878	1,1-Dichloropropene	2/8/2010	1	0.3	1	U	UG/L
	020810BLKA32		LB	2514878	1,2,3-Trichlorobenzene	2/8/2010	1.2	0.16	1.2	U	UG/L
	020810BLKA32		LB	2514878	1,2,3-Trichloropropane	2/8/2010	1.5	0.35	1.5	U	UG/L
	020810BLKA32		LB	2514878	1,2,4-Trichlorobenzene	2/8/2010	1	0.11	1	U	UG/L
	020810BLKA32		LB	2514878	1,2,4-Trimethylbenzene	2/8/2010	1	0.13	1	U	UG/L
	020810BLKA32		LB	2514878	1,2-Dibromo-3-chloropropane	2/8/2010	5	1	5	U	UG/L
	020810BLKA32		LB	2514878	1,2-Dibromoethane	2/8/2010	1	0.11	1	U	UG/L
	020810BLKA32		LB	2514878	1,2-Dichlorobenzene	2/8/2010	1	0.077	1	U	UG/L
	020810BLKA32		LB	2514878	1,2-Dichloroethane	2/8/2010	1	0.15	1	U	UG/L
	020810BLKA32		LB	2514878	1,2-Dichloropropane	2/8/2010	1	0.15	1	U	UG/L
	020810BLKA32		LB	2514878	1,3,5-Trimethylbenzene	2/8/2010	1	0.14	1	U	UG/L
	020810BLKA32		LB	2514878	1,3-Dichlorobenzene	2/8/2010	1	0.15	1	U	UG/L
	020810BLKA32		LB	2514878	1,3-Dichloropropane	2/8/2010	1	0.3	1	U	UG/L
	020810BLKA32		LB	2514878	1,4-Dichlorobenzene	2/8/2010	1	0.15	1	U	UG/L
	020810BLKA32		LB	2514878	2,2-Dichloropropane	2/8/2010	5	0.17	5	U	UG/L
	020810BLKA32		LB	2514878	2-Butanone	2/8/2010	6	2	6	U	UG/L
	020810BLKA32		LB	2514878	2-Chlorotoluene	2/8/2010	1	0.072	1	U	UG/L
	020810BLKA32		LB	2514878	2-Hexanone	2/8/2010	5	0.48	5	U	UG/L
	020810BLKA32		LB	2514878	4-Chlorotoluene	2/8/2010	1	0.15	1	U	UG/L
	020810BLKA32		LB	2514878	4-Methyl-2-Pentanone	2/8/2010	5	1	5	U	UG/L
	020810BLKA32		LB	2514878	Acetone	2/8/2010	10	1.3	10	U	UG/L
	020810BLKA32		LB	2514878	Benzene	2/8/2010	1	0.17	1	U	UG/L
	020810BLKA32		LB	2514878	Bromobenzene	2/8/2010	1	0.21	1	U	UG/L
	020810BLKA32		LB	2514878	Bromochloromethane	2/8/2010	1	0.17	1	U	UG/L
	020810BLKA32		LB	2514878	Bromodichloromethane	2/8/2010	1	0.15	1	U	UG/L
	020810BLKA32		LB	2514878	Bromoform	2/8/2010	1	0.19	1	U	UG/L
	020810BLKA32		LB	2514878	Bromomethane	2/8/2010	2	0.43	2	U	UG/L
	020810BLKA32		LB	2514878	Carbon disulfide	2/8/2010	2	0.19	2	U	UG/L
	020810BLKA32		LB	2514878	Carbon tetrachloride	2/8/2010	1	0.14	1	U	UG/L
	020810BLKA32		LB	2514878	Chlorobenzene	2/8/2010	1	0.16	1	U	UG/L
	020810BLKA32		LB	2514878	Chloroethane	2/8/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	020810BLKA32	WATER	LB	2514878	Chloroform	2/8/2010	1	0.16	1	U	UG/L
	020810BLKA32		LB	2514878	Chloromethane	2/8/2010	2	0.32	2	U	UG/L
	020810BLKA32		LB	2514878	cis-1,2-Dichloroethene	2/8/2010	1	0.19	1	U	UG/L
	020810BLKA32		LB	2514878	cis-1,3-Dichloropropene	2/8/2010	1	0.12	1	U	UG/L
	020810BLKA32		LB	2514878	Dibromochloromethane	2/8/2010	1	0.13	1	U	UG/L
	020810BLKA32		LB	2514878	Dibromomethane	2/8/2010	1.1	0.11	1.1	U	UG/L
	020810BLKA32		LB	2514878	Dichlorodifluoromethane	2/8/2010	2	0.17	2	U	UG/L
	020810BLKA32		LB	2514878	Ethylbenzene	2/8/2010	1	0.22	1	U	UG/L
	020810BLKA32		LB	2514878	Hexachlorobutadiene	2/8/2010	1	0.36	1	U	UG/L
	020810BLKA32		LB	2514878	Isopropylbenzene	2/8/2010	1	0.14	1	U	UG/L
	020810BLKA32		LB	2514878	m,p-Xylene	2/8/2010	2	0.23	2	U	UG/L
	020810BLKA32		LB	2514878	Methyl tert-butyl ether (MTBE)	2/8/2010	5	0.16	5	U	UG/L
	020810BLKA32		LB	2514878	Methylene chloride	2/8/2010	5	0.66	5	U	UG/L
	020810BLKA32		LB	2514878	Naphthalene	2/8/2010	1	0.5	1	U	UG/L
	020810BLKA32		LB	2514878	n-Butylbenzene	2/8/2010	1	0.16	1	U	UG/L
	020810BLKA32		LB	2514878	n-Propylbenzene	2/8/2010	1	0.14	1	U	UG/L
	020810BLKA32		LB	2514878	o-Xylene	2/8/2010	1	0.5	1	U	UG/L
	020810BLKA32		LB	2514878	p-Isopropyltoluene	2/8/2010	1	0.14	1	U	UG/L
	020810BLKA32		LB	2514878	sec-Butylbenzene	2/8/2010	1	0.1	1	U	UG/L
	020810BLKA32		LB	2514878	Styrene	2/8/2010	1	0.12	1	U	UG/L
	020810BLKA32		LB	2514878	tert-Butylbenzene	2/8/2010	1	0.2	1	U	UG/L
	020810BLKA32		LB	2514878	Tetrachloroethene	2/8/2010	1	0.21	1	U	UG/L
	020810BLKA32		LB	2514878	Toluene	2/8/2010	1	0.14	1	U	UG/L
	020810BLKA32		LB	2514878	Trans-1,2-Dichloroethene	2/8/2010	1	0.33	1	U	UG/L
	020810BLKA32		LB	2514878	trans-1,3-Dichloropropene	2/8/2010	1	0.3	1	U	UG/L
	020810BLKA32		LB	2514878	Trichloroethene	2/8/2010	1	0.19	1	U	UG/L
	020810BLKA32		LB	2514878	Trichlorofluoromethane	2/8/2010	2	0.12	2	U	UG/L
	020810BLKA32		LB	2514878	Vinyl Chloride	2/8/2010	1	0.18	1	U	UG/L
	020810BLKA32		LB	2514878	Xylenes, Total	2/8/2010	3	0.5	3	U	UG/L
	101509BLK62		LB	2513832	1,1,1,2-Tetrachloroethane	10/15/2009	1	0.25	1	U	UG/L
	101509BLK62		LB	2513832	1,1,1-Trichloroethane	10/15/2009	1	0.19	1	U	UG/L
	101509BLK62		LB	2513832	1,1,2,2-Tetrachloroethane	10/15/2009	1	0.33	1	U	UG/L
	101509BLK62		LB	2513832	1,1,2-Trichloroethane	10/15/2009	1	0.28	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101509BLK62	WATER	LB	2513832	1,1-Dichloroethane	10/15/2009	1	0.28	1	U	UG/L
	101509BLK62		LB	2513832	1,1-Dichloroethene	10/15/2009	1	0.24	1	U	UG/L
	101509BLK62		LB	2513832	1,1-Dichloropropene	10/15/2009	1	0.19	1	U	UG/L
	101509BLK62		LB	2513832	1,2,3-Trichlorobenzene	10/15/2009	1.2	0.61	1.2	U	UG/L
	101509BLK62		LB	2513832	1,2,3-Trichloropropane	10/15/2009	1.5	0.76	1.5	U	UG/L
	101509BLK62		LB	2513832	1,2,4-Trichlorobenzene	10/15/2009	1	0.5	1	U	UG/L
	101509BLK62		LB	2513832	1,2,4-Trimethylbenzene	10/15/2009	1	0.17	1	U	UG/L
	101509BLK62		LB	2513832	1,2-Dibromo-3-chloropropane	10/15/2009	5	1.4	5	U	UG/L
	101509BLK62		LB	2513832	1,2-Dibromoethane	10/15/2009	1	0.33	1	U	UG/L
	101509BLK62		LB	2513832	1,2-Dichlorobenzene	10/15/2009	1	0.26	1	U	UG/L
	101509BLK62		LB	2513832	1,2-Dichloroethane	10/15/2009	1	0.4	1	U	UG/L
	101509BLK62		LB	2513832	1,2-Dichloropropane	10/15/2009	1	0.27	1	U	UG/L
	101509BLK62		LB	2513832	1,3,5-Trimethylbenzene	10/15/2009	1	0.22	1	U	UG/L
	101509BLK62		LB	2513832	1,3-Dichlorobenzene	10/15/2009	1	0.2	1	U	UG/L
	101509BLK62		LB	2513832	1,3-Dichloropropane	10/15/2009	1	0.19	1	U	UG/L
	101509BLK62		LB	2513832	1,4-Dichlorobenzene	10/15/2009	1	0.24	1	U	UG/L
	101509BLK62		LB	2513832	2,2-Dichloropropane	10/15/2009	5	0.32	5	U	UG/L
	101509BLK62		LB	2513832	2-Butanone	10/15/2009	6	4	6	U	UG/L
	101509BLK62		LB	2513832	2-Chlorotoluene	10/15/2009	1	0.32	1	U	UG/L
	101509BLK62		LB	2513832	2-Hexanone	10/15/2009	5	0.95	5	U	UG/L
	101509BLK62		LB	2513832	4-Chlorotoluene	10/15/2009	1	0.12	1	U	UG/L
	101509BLK62		LB	2513832	4-Methyl-2-Pentanone	10/15/2009	5	0.61	5	U	UG/L
	101509BLK62		LB	2513832	Acetone	10/15/2009	10	5.6	10	U	UG/L
	101509BLK62		LB	2513832	Benzene	10/15/2009	1	0.16	1	U	UG/L
	101509BLK62		LB	2513832	Bromobenzene	10/15/2009	1	0.27	1	U	UG/L
	101509BLK62		LB	2513832	Bromochloromethane	10/15/2009	1	0.38	1	U	UG/L
	101509BLK62		LB	2513832	Bromodichloromethane	10/15/2009	1	0.15	1	U	UG/L
	101509BLK62		LB	2513832	Bromoform	10/15/2009	1	0.36	1	U	UG/L
	101509BLK62		LB	2513832	Bromomethane	10/15/2009	2	0.76	2	U	UG/L
	101509BLK62		LB	2513832	Carbon disulfide	10/15/2009	2	0.29	2	U	UG/L
	101509BLK62		LB	2513832	Carbon tetrachloride	10/15/2009	1	0.33	1	U	UG/L
	101509BLK62		LB	2513832	Chlorobenzene	10/15/2009	1	0.18	1	U	UG/L
	101509BLK62		LB	2513832	Chloroethane	10/15/2009	2	0.99	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101509BLK62	WATER	LB	2513832	Chloroform	10/15/2009	1	0.29	1	U	UG/L
	101509BLK62		LB	2513832	Chloromethane	10/15/2009	2	0.68	2	U	UG/L
	101509BLK62		LB	2513832	cis-1,2-Dichloroethene	10/15/2009	1	0.29	1	U	UG/L
	101509BLK62		LB	2513832	cis-1,3-Dichloropropene	10/15/2009	1	0.23	1	U	UG/L
	101509BLK62		LB	2513832	Dibromochloromethane	10/15/2009	1	0.34	1	U	UG/L
	101509BLK62		LB	2513832	Dibromomethane	10/15/2009	1.1	0.53	1.1	U	UG/L
	101509BLK62		LB	2513832	Dichlorodifluoromethane	10/15/2009	2	0.23	2	U	UG/L
	101509BLK62		LB	2513832	Ethylbenzene	10/15/2009	1	0.43	1	U	UG/L
	101509BLK62		LB	2513832	Hexachlorobutadiene	10/15/2009	1	0.62	1	U	UG/L
	101509BLK62		LB	2513832	Isopropylbenzene	10/15/2009	1	0.41	1	U	UG/L
	101509BLK62		LB	2513832	m,p-Xylene	10/15/2009	2	0.27	2	U	UG/L
	101509BLK62		LB	2513832	Methyl tert-butyl ether (MTBE)	10/15/2009	5	0.26	5	U	UG/L
	101509BLK62		LB	2513832	Methylene chloride	10/15/2009	5	0.52	5	U	UG/L
	101509BLK62		LB	2513832	Naphthalene	10/15/2009	1	0.32	1	U	UG/L
	101509BLK62		LB	2513832	n-Butylbenzene	10/15/2009	1	0.22	1	U	UG/L
	101509BLK62		LB	2513832	n-Propylbenzene	10/15/2009	1	0.28	1	U	UG/L
	101509BLK62		LB	2513832	o-Xylene	10/15/2009	1	0.2	1	U	UG/L
	101509BLK62		LB	2513832	p-Isopropyltoluene	10/15/2009	1	0.24	1	U	UG/L
	101509BLK62		LB	2513832	sec-Butylbenzene	10/15/2009	1	0.2	1	U	UG/L
	101509BLK62		LB	2513832	Styrene	10/15/2009	1	0.2	1	U	UG/L
	101509BLK62		LB	2513832	tert-Butylbenzene	10/15/2009	1	0.28	1	U	UG/L
	101509BLK62		LB	2513832	Tetrachloroethene	10/15/2009	1	0.35	1	U	UG/L
	101509BLK62		LB	2513832	Toluene	10/15/2009	1	0.22	1	U	UG/L
	101509BLK62		LB	2513832	Trans-1,2-Dichloroethene	10/15/2009	1	0.23	1	U	UG/L
	101509BLK62		LB	2513832	trans-1,3-Dichloropropene	10/15/2009	1	0.17	1	U	UG/L
	101509BLK62		LB	2513832	Trichloroethene	10/15/2009	1	0.42	1	U	UG/L
	101509BLK62		LB	2513832	Trichlorofluoromethane	10/15/2009	2	0.45	2	U	UG/L
	101509BLK62		LB	2513832	Vinyl Chloride	10/15/2009	1	0.28	1	U	UG/L
	101509BLK62		LB	2513832	Xylenes, Total	10/15/2009	3	0.27	3	U	UG/L
	101609BLK32		LB	2513871	1,1,1,2-Tetrachloroethane	10/16/2009	1	0.25	1	U	UG/L
	101609BLK32		LB	2513818	1,1,1,2-Tetrachloroethane	10/16/2009	1	0.25	1	U	UG/L
	101609BLK32		LB	2513871	1,1,1-Trichloroethane	10/16/2009	1	0.19	1	U	UG/L
	101609BLK32		LB	2513818	1,1,1-Trichloroethane	10/16/2009	1	0.19	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101609BLK32	WATER	LB	2513871	1,1,2,2-Tetrachloroethane	10/16/2009	1	0.33	1	U	UG/L
	101609BLK32		LB	2513818	1,1,2,2-Tetrachloroethane	10/16/2009	1	0.33	1	U	UG/L
	101609BLK32		LB	2513818	1,1,2-Trichloroethane	10/16/2009	1	0.28	1	U	UG/L
	101609BLK32		LB	2513871	1,1,2-Trichloroethane	10/16/2009	1	0.28	1	U	UG/L
	101609BLK32		LB	2513871	1,1-Dichloroethane	10/16/2009	1	0.28	1	U	UG/L
	101609BLK32		LB	2513818	1,1-Dichloroethane	10/16/2009	1	0.28	1	U	UG/L
	101609BLK32		LB	2513871	1,1-Dichloroethene	10/16/2009	1	0.24	1	U	UG/L
	101609BLK32		LB	2513818	1,1-Dichloroethene	10/16/2009	1	0.24	1	U	UG/L
	101609BLK32		LB	2513818	1,1-Dichloropropene	10/16/2009	1	0.19	1	U	UG/L
	101609BLK32		LB	2513871	1,1-Dichloropropene	10/16/2009	1	0.19	1	U	UG/L
	101609BLK32		LB	2513818	1,2,3-Trichlorobenzene	10/16/2009	1.2	0.61	1.2	U	UG/L
	101609BLK32		LB	2513871	1,2,3-Trichlorobenzene	10/16/2009	1.2	0.61	1.2	U	UG/L
	101609BLK32		LB	2513871	1,2,3-Trichloropropane	10/16/2009	1.5	0.76	1.5	U	UG/L
	101609BLK32		LB	2513818	1,2,3-Trichloropropane	10/16/2009	1.5	0.76	1.5	U	UG/L
	101609BLK32		LB	2513818	1,2,4-Trichlorobenzene	10/16/2009	1	0.5	1	U	UG/L
	101609BLK32		LB	2513871	1,2,4-Trichlorobenzene	10/16/2009	1	0.5	1	U	UG/L
	101609BLK32		LB	2513818	1,2,4-Trimethylbenzene	10/16/2009	1	0.17	1	U	UG/L
	101609BLK32		LB	2513871	1,2,4-Trimethylbenzene	10/16/2009	1	0.17	1	U	UG/L
	101609BLK32		LB	2513818	1,2-Dibromo-3-chloropropane	10/16/2009	5	1.4	5	U	UG/L
	101609BLK32		LB	2513871	1,2-Dibromo-3-chloropropane	10/16/2009	5	1.4	5	U	UG/L
	101609BLK32		LB	2513871	1,2-Dibromoethane	10/16/2009	1	0.33	1	U	UG/L
	101609BLK32		LB	2513818	1,2-Dibromoethane	10/16/2009	1	0.33	1	U	UG/L
	101609BLK32		LB	2513818	1,2-Dichlorobenzene	10/16/2009	1	0.26	1	U	UG/L
	101609BLK32		LB	2513871	1,2-Dichlorobenzene	10/16/2009	1	0.26	1	U	UG/L
	101609BLK32		LB	2513818	1,2-Dichloroethane	10/16/2009	1	0.4	1	U	UG/L
	101609BLK32		LB	2513871	1,2-Dichloroethane	10/16/2009	1	0.4	1	U	UG/L
	101609BLK32		LB	2513871	1,2-Dichloropropane	10/16/2009	1	0.27	1	U	UG/L
	101609BLK32		LB	2513818	1,2-Dichloropropane	10/16/2009	1	0.27	1	U	UG/L
	101609BLK32		LB	2513818	1,3,5-Trimethylbenzene	10/16/2009	1	0.22	1	U	UG/L
	101609BLK32		LB	2513871	1,3,5-Trimethylbenzene	10/16/2009	1	0.22	1	U	UG/L
	101609BLK32		LB	2513818	1,3-Dichlorobenzene	10/16/2009	1	0.2	1	U	UG/L
	101609BLK32		LB	2513871	1,3-Dichlorobenzene	10/16/2009	1	0.2	1	U	UG/L
	101609BLK32		LB	2513871	1,3-Dichloropropane	10/16/2009	1	0.19	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101609BLK32	WATER	LB	2513818	1,3-Dichloropropane	10/16/2009	1	0.19	1	U	UG/L
	101609BLK32		LB	2513818	1,4-Dichlorobenzene	10/16/2009	1	0.24	1	U	UG/L
	101609BLK32		LB	2513871	1,4-Dichlorobenzene	10/16/2009	1	0.24	1	U	UG/L
	101609BLK32		LB	2513871	2,2-Dichloropropane	10/16/2009	5	0.32	5	U	UG/L
	101609BLK32		LB	2513818	2,2-Dichloropropane	10/16/2009	5	0.32	5	U	UG/L
	101609BLK32		LB	2513818	2-Butanone	10/16/2009	6	4	6	U	UG/L
	101609BLK32		LB	2513871	2-Butanone	10/16/2009	6	4	6	U	UG/L
	101609BLK32		LB	2513871	2-Chlorotoluene	10/16/2009	1	0.32	1	U	UG/L
	101609BLK32		LB	2513818	2-Chlorotoluene	10/16/2009	1	0.32	1	U	UG/L
	101609BLK32		LB	2513818	2-Hexanone	10/16/2009	5	0.95	5	U	UG/L
	101609BLK32		LB	2513871	2-Hexanone	10/16/2009	5	0.95	5	U	UG/L
	101609BLK32		LB	2513818	4-Chlorotoluene	10/16/2009	1	0.12	1	U	UG/L
	101609BLK32		LB	2513871	4-Chlorotoluene	10/16/2009	1	0.12	1	U	UG/L
	101609BLK32		LB	2513871	4-Methyl-2-Pentanone	10/16/2009	5	0.61	5	U	UG/L
	101609BLK32		LB	2513818	4-Methyl-2-Pentanone	10/16/2009	5	0.61	5	U	UG/L
	101609BLK32		LB	2513871	Acetone	10/16/2009	10	5.6	10	U	UG/L
	101609BLK32		LB	2513818	Acetone	10/16/2009	10	5.6	10	U	UG/L
	101609BLK32		LB	2513818	Benzene	10/16/2009	1	0.16	1	U	UG/L
	101609BLK32		LB	2513871	Benzene	10/16/2009	1	0.16	1	U	UG/L
	101609BLK32		LB	2513871	Bromobenzene	10/16/2009	1	0.27	1	U	UG/L
	101609BLK32		LB	2513818	Bromobenzene	10/16/2009	1	0.27	1	U	UG/L
	101609BLK32		LB	2513871	Bromochloromethane	10/16/2009	1	0.38	1	U	UG/L
	101609BLK32		LB	2513818	Bromochloromethane	10/16/2009	1	0.38	1	U	UG/L
	101609BLK32		LB	2513871	Bromodichloromethane	10/16/2009	1	0.15	1	U	UG/L
	101609BLK32		LB	2513818	Bromodichloromethane	10/16/2009	1	0.15	1	U	UG/L
	101609BLK32		LB	2513818	Bromoform	10/16/2009	1	0.36	1	U	UG/L
	101609BLK32		LB	2513871	Bromoform	10/16/2009	1	0.36	1	U	UG/L
	101609BLK32		LB	2513818	Bromomethane	10/16/2009	2	0.76	2	U	UG/L
	101609BLK32		LB	2513871	Bromomethane	10/16/2009	2	0.76	2	U	UG/L
	101609BLK32		LB	2513818	Carbon disulfide	10/16/2009	2	0.29	2	U	UG/L
	101609BLK32		LB	2513871	Carbon disulfide	10/16/2009	2	0.29	2	U	UG/L
	101609BLK32		LB	2513871	Carbon tetrachloride	10/16/2009	1	0.33	1	U	UG/L
	101609BLK32		LB	2513818	Carbon tetrachloride	10/16/2009	1	0.33	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101609BLK32	WATER	LB	2513818	Chlorobenzene	10/16/2009	1	0.18	1	U	UG/L
	101609BLK32		LB	2513871	Chlorobenzene	10/16/2009	1	0.18	1	U	UG/L
	101609BLK32		LB	2513818	Chloroethane	10/16/2009	2	0.99	2	U	UG/L
	101609BLK32		LB	2513871	Chloroethane	10/16/2009	2	0.99	2	U	UG/L
	101609BLK32		LB	2513871	Chloroform	10/16/2009	1	0.29	1	U	UG/L
	101609BLK32		LB	2513818	Chloroform	10/16/2009	1	0.29	1	U	UG/L
	101609BLK32		LB	2513818	Chloromethane	10/16/2009	2	0.68	2	U	UG/L
	101609BLK32		LB	2513871	Chloromethane	10/16/2009	2	0.68	2	U	UG/L
	101609BLK32		LB	2513818	cis-1,2-Dichloroethene	10/16/2009	1	0.29	1	U	UG/L
	101609BLK32		LB	2513871	cis-1,2-Dichloroethene	10/16/2009	1	0.29	1	U	UG/L
	101609BLK32		LB	2513818	cis-1,3-Dichloropropene	10/16/2009	1	0.23	1	U	UG/L
	101609BLK32		LB	2513871	cis-1,3-Dichloropropene	10/16/2009	1	0.23	1	U	UG/L
	101609BLK32		LB	2513818	Dibromochloromethane	10/16/2009	1	0.34	1	U	UG/L
	101609BLK32		LB	2513871	Dibromochloromethane	10/16/2009	1	0.34	1	U	UG/L
	101609BLK32		LB	2513818	Dibromomethane	10/16/2009	1.1	0.53	1.1	U	UG/L
	101609BLK32		LB	2513871	Dibromomethane	10/16/2009	1.1	0.53	1.1	U	UG/L
	101609BLK32		LB	2513818	Dichlorodifluoromethane	10/16/2009	2	0.23	2	U	UG/L
	101609BLK32		LB	2513871	Dichlorodifluoromethane	10/16/2009	2	0.23	2	U	UG/L
	101609BLK32		LB	2513818	Ethylbenzene	10/16/2009	1	0.43	1	U	UG/L
	101609BLK32		LB	2513871	Ethylbenzene	10/16/2009	1	0.43	1	U	UG/L
	101609BLK32		LB	2513871	Hexachlorobutadiene	10/16/2009	1	0.62	1	U	UG/L
	101609BLK32		LB	2513818	Hexachlorobutadiene	10/16/2009	1	0.62	1	U	UG/L
	101609BLK32		LB	2513818	Isopropylbenzene	10/16/2009	1	0.41	1	U	UG/L
	101609BLK32		LB	2513871	Isopropylbenzene	10/16/2009	1	0.41	1	U	UG/L
	101609BLK32		LB	2513871	m,p-Xylene	10/16/2009	2	0.27	2	U	UG/L
	101609BLK32		LB	2513818	m,p-Xylene	10/16/2009	2	0.27	2	U	UG/L
	101609BLK32		LB	2513818	Methyl tert-butyl ether (MTBE)	10/16/2009	5	0.26	5	U	UG/L
	101609BLK32		LB	2513871	Methyl tert-butyl ether (MTBE)	10/16/2009	5	0.26	5	U	UG/L
	101609BLK32		LB	2513818	Methylene chloride	10/16/2009	5	0.52	5	U	UG/L
	101609BLK32		LB	2513871	Methylene chloride	10/16/2009	5	0.52	5	U	UG/L
	101609BLK32		LB	2513871	Naphthalene	10/16/2009	1	0.32	1	U	UG/L
	101609BLK32		LB	2513818	Naphthalene	10/16/2009	1	0.32	1	U	UG/L
	101609BLK32		LB	2513871	n-Butylbenzene	10/16/2009	1	0.22	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101609BLK32	WATER	LB	2513818	n-Butylbenzene	10/16/2009	1	0.22	1	U	UG/L
	101609BLK32		LB	2513871	n-Propylbenzene	10/16/2009	1	0.28	1	U	UG/L
	101609BLK32		LB	2513818	n-Propylbenzene	10/16/2009	1	0.28	1	U	UG/L
	101609BLK32		LB	2513818	o-Xylene	10/16/2009	1	0.2	1	U	UG/L
	101609BLK32		LB	2513871	o-Xylene	10/16/2009	1	0.2	1	U	UG/L
	101609BLK32		LB	2513818	p-Isopropyltoluene	10/16/2009	1	0.24	1	U	UG/L
	101609BLK32		LB	2513871	p-Isopropyltoluene	10/16/2009	1	0.24	1	U	UG/L
	101609BLK32		LB	2513871	sec-Butylbenzene	10/16/2009	1	0.2	1	U	UG/L
	101609BLK32		LB	2513818	sec-Butylbenzene	10/16/2009	1	0.2	1	U	UG/L
	101609BLK32		LB	2513871	Styrene	10/16/2009	1	0.2	1	U	UG/L
	101609BLK32		LB	2513818	Styrene	10/16/2009	1	0.2	1	U	UG/L
	101609BLK32		LB	2513871	tert-Butylbenzene	10/16/2009	1	0.28	1	U	UG/L
	101609BLK32		LB	2513818	tert-Butylbenzene	10/16/2009	1	0.28	1	U	UG/L
	101609BLK32		LB	2513871	Tetrachloroethene	10/16/2009	1	0.35	1	U	UG/L
	101609BLK32		LB	2513818	Tetrachloroethene	10/16/2009	1	0.35	1	U	UG/L
	101609BLK32		LB	2513818	Toluene	10/16/2009	1	0.22	1	U	UG/L
	101609BLK32		LB	2513871	Toluene	10/16/2009	1	0.22	1	U	UG/L
	101609BLK32		LB	2513871	Trans-1,2-Dichloroethene	10/16/2009	1	0.23	1	U	UG/L
	101609BLK32		LB	2513818	Trans-1,2-Dichloroethene	10/16/2009	1	0.23	1	U	UG/L
	101609BLK32		LB	2513818	trans-1,3-Dichloropropene	10/16/2009	1	0.17	1	U	UG/L
	101609BLK32		LB	2513871	trans-1,3-Dichloropropene	10/16/2009	1	0.17	1	U	UG/L
	101609BLK32		LB	2513818	Trichloroethene	10/16/2009	1	0.42	1	U	UG/L
	101609BLK32		LB	2513871	Trichloroethene	10/16/2009	1	0.42	1	U	UG/L
	101609BLK32		LB	2513871	Trichlorofluoromethane	10/16/2009	2	0.45	2	U	UG/L
	101609BLK32		LB	2513818	Trichlorofluoromethane	10/16/2009	2	0.45	2	U	UG/L
	101609BLK32		LB	2513818	Vinyl Chloride	10/16/2009	1	0.28	1	U	UG/L
	101609BLK32		LB	2513871	Vinyl Chloride	10/16/2009	1	0.28	1	U	UG/L
	101609BLK32		LB	2513818	Xylenes, Total	10/16/2009	3	0.27	3	U	UG/L
	101609BLK32		LB	2513871	Xylenes, Total	10/16/2009	3	0.27	3	U	UG/L
	101909BLK32		LB	2513891	1,1,1,2-Tetrachloroethane	10/19/2009	1	0.25	1	U	UG/L
	101909BLK32		LB	2513819	1,1,1,2-Tetrachloroethane	10/19/2009	1	0.25	1	U	UG/L
	101909BLK32		LB	2513858	1,1,1,2-Tetrachloroethane	10/19/2009	1	0.25	1	U	UG/L
	101909BLK32		LB	2513819	1,1,1-Trichloroethane	10/19/2009	1	0.19	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101909BLK32	WATER	LB	2513891	1,1,1-Trichloroethane	10/19/2009	1	0.19	1	U	UG/L
	101909BLK32		LB	2513858	1,1,1-Trichloroethane	10/19/2009	1	0.19	1	U	UG/L
	101909BLK32		LB	2513858	1,1,2,2-Tetrachloroethane	10/19/2009	1	0.33	1	U	UG/L
	101909BLK32		LB	2513891	1,1,2,2-Tetrachloroethane	10/19/2009	1	0.33	1	U	UG/L
	101909BLK32		LB	2513819	1,1,2,2-Tetrachloroethane	10/19/2009	1	0.33	1	U	UG/L
	101909BLK32		LB	2513891	1,1,2-Trichloroethane	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513819	1,1,2-Trichloroethane	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513858	1,1,2-Trichloroethane	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513858	1,1-Dichloroethane	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513891	1,1-Dichloroethane	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513819	1,1-Dichloroethane	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513891	1,1-Dichloroethene	10/19/2009	1	0.24	1	U	UG/L
	101909BLK32		LB	2513819	1,1-Dichloroethene	10/19/2009	1	0.24	1	U	UG/L
	101909BLK32		LB	2513858	1,1-Dichloroethene	10/19/2009	1	0.24	1	U	UG/L
	101909BLK32		LB	2513819	1,1-Dichloropropene	10/19/2009	1	0.19	1	U	UG/L
	101909BLK32		LB	2513858	1,1-Dichloropropene	10/19/2009	1	0.19	1	U	UG/L
	101909BLK32		LB	2513891	1,1-Dichloropropene	10/19/2009	1	0.19	1	U	UG/L
	101909BLK32		LB	2513819	1,2,3-Trichlorobenzene	10/19/2009	1.2	0.61	1.2	U	UG/L
	101909BLK32		LB	2513858	1,2,3-Trichlorobenzene	10/19/2009	1.2	0.61	1.2	U	UG/L
	101909BLK32		LB	2513891	1,2,3-Trichlorobenzene	10/19/2009	1.2	0.61	1.2	U	UG/L
	101909BLK32		LB	2513819	1,2,3-Trichloropropane	10/19/2009	1.5	0.76	1.5	U	UG/L
	101909BLK32		LB	2513891	1,2,3-Trichloropropane	10/19/2009	1.5	0.76	1.5	U	UG/L
	101909BLK32		LB	2513858	1,2,3-Trichloropropane	10/19/2009	1.5	0.76	1.5	U	UG/L
	101909BLK32		LB	2513891	1,2,4-Trichlorobenzene	10/19/2009	1	0.5	1	U	UG/L
	101909BLK32		LB	2513858	1,2,4-Trichlorobenzene	10/19/2009	1	0.5	1	U	UG/L
	101909BLK32		LB	2513819	1,2,4-Trichlorobenzene	10/19/2009	1	0.5	1	U	UG/L
	101909BLK32		LB	2513891	1,2,4-Trimethylbenzene	10/19/2009	1	0.17	1	U	UG/L
	101909BLK32		LB	2513819	1,2,4-Trimethylbenzene	10/19/2009	1	0.17	1	U	UG/L
	101909BLK32		LB	2513858	1,2,4-Trimethylbenzene	10/19/2009	1	0.17	1	U	UG/L
	101909BLK32		LB	2513891	1,2-Dibromo-3-chloropropane	10/19/2009	5	1.4	5	U	UG/L
	101909BLK32		LB	2513819	1,2-Dibromo-3-chloropropane	10/19/2009	5	1.4	5	U	UG/L
	101909BLK32		LB	2513858	1,2-Dibromo-3-chloropropane	10/19/2009	5	1.4	5	U	UG/L
	101909BLK32		LB	2513819	1,2-Dibromoethane	10/19/2009	1	0.33	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101909BLK32	WATER	LB	2513891	1,2-Dibromoethane	10/19/2009	1	0.33	1	U	UG/L
	101909BLK32		LB	2513858	1,2-Dibromoethane	10/19/2009	1	0.33	1	U	UG/L
	101909BLK32		LB	2513891	1,2-Dichlorobenzene	10/19/2009	1	0.26	1	U	UG/L
	101909BLK32		LB	2513858	1,2-Dichlorobenzene	10/19/2009	1	0.26	1	U	UG/L
	101909BLK32		LB	2513819	1,2-Dichlorobenzene	10/19/2009	1	0.26	1	U	UG/L
	101909BLK32		LB	2513891	1,2-Dichloroethane	10/19/2009	1	0.4	1	U	UG/L
	101909BLK32		LB	2513858	1,2-Dichloroethane	10/19/2009	1	0.4	1	U	UG/L
	101909BLK32		LB	2513819	1,2-Dichloroethane	10/19/2009	1	0.4	1	U	UG/L
	101909BLK32		LB	2513858	1,2-Dichloropropane	10/19/2009	1	0.27	1	U	UG/L
	101909BLK32		LB	2513891	1,2-Dichloropropane	10/19/2009	1	0.27	1	U	UG/L
	101909BLK32		LB	2513819	1,2-Dichloropropane	10/19/2009	1	0.27	1	U	UG/L
	101909BLK32		LB	2513891	1,3,5-Trimethylbenzene	10/19/2009	1	0.22	1	U	UG/L
	101909BLK32		LB	2513819	1,3,5-Trimethylbenzene	10/19/2009	1	0.22	1	U	UG/L
	101909BLK32		LB	2513858	1,3,5-Trimethylbenzene	10/19/2009	1	0.22	1	U	UG/L
	101909BLK32		LB	2513819	1,3-Dichlorobenzene	10/19/2009	1	0.2	1	U	UG/L
	101909BLK32		LB	2513858	1,3-Dichlorobenzene	10/19/2009	1	0.2	1	U	UG/L
	101909BLK32		LB	2513891	1,3-Dichlorobenzene	10/19/2009	1	0.2	1	U	UG/L
	101909BLK32		LB	2513819	1,3-Dichloropropane	10/19/2009	1	0.19	1	U	UG/L
	101909BLK32		LB	2513891	1,3-Dichloropropane	10/19/2009	1	0.19	1	U	UG/L
	101909BLK32		LB	2513858	1,3-Dichloropropane	10/19/2009	1	0.19	1	U	UG/L
	101909BLK32		LB	2513858	1,4-Dichlorobenzene	10/19/2009	1	0.24	1	U	UG/L
	101909BLK32		LB	2513819	1,4-Dichlorobenzene	10/19/2009	1	0.24	1	U	UG/L
	101909BLK32		LB	2513891	1,4-Dichlorobenzene	10/19/2009	1	0.24	1	U	UG/L
	101909BLK32		LB	2513819	2,2-Dichloropropane	10/19/2009	5	0.32	5	U	UG/L
	101909BLK32		LB	2513891	2,2-Dichloropropane	10/19/2009	5	0.32	5	U	UG/L
	101909BLK32		LB	2513858	2,2-Dichloropropane	10/19/2009	5	0.32	5	U	UG/L
	101909BLK32		LB	2513858	2-Butanone	10/19/2009	6	4	6	U	UG/L
	101909BLK32		LB	2513819	2-Butanone	10/19/2009	6	4	6	U	UG/L
	101909BLK32		LB	2513891	2-Butanone	10/19/2009	6	4	6	U	UG/L
	101909BLK32		LB	2513819	2-Chlorotoluene	10/19/2009	1	0.32	1	U	UG/L
	101909BLK32		LB	2513858	2-Chlorotoluene	10/19/2009	1	0.32	1	U	UG/L
	101909BLK32		LB	2513891	2-Chlorotoluene	10/19/2009	1	0.32	1	U	UG/L
	101909BLK32		LB	2513858	2-Hexanone	10/19/2009	5	0.95	5	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101909BLK32	WATER	LB	2513819	2-Hexanone	10/19/2009	5	0.95	5	U	UG/L
	101909BLK32		LB	2513891	2-Hexanone	10/19/2009	5	0.95	5	U	UG/L
	101909BLK32		LB	2513891	4-Chlorotoluene	10/19/2009	1	0.12	1	U	UG/L
	101909BLK32		LB	2513858	4-Chlorotoluene	10/19/2009	1	0.12	1	U	UG/L
	101909BLK32		LB	2513819	4-Chlorotoluene	10/19/2009	1	0.12	1	U	UG/L
	101909BLK32		LB	2513819	4-Methyl-2-Pentanone	10/19/2009	5	0.61	5	U	UG/L
	101909BLK32		LB	2513858	4-Methyl-2-Pentanone	10/19/2009	5	0.61	5	U	UG/L
	101909BLK32		LB	2513891	4-Methyl-2-Pentanone	10/19/2009	5	0.61	5	U	UG/L
	101909BLK32		LB	2513819	Acetone	10/19/2009	10	5.6	10	U	UG/L
	101909BLK32		LB	2513858	Acetone	10/19/2009	10	5.6	10	U	UG/L
	101909BLK32		LB	2513891	Acetone	10/19/2009	10	5.6	10	U	UG/L
	101909BLK32		LB	2513819	Benzene	10/19/2009	1	0.16	1	U	UG/L
	101909BLK32		LB	2513858	Benzene	10/19/2009	1	0.16	1	U	UG/L
	101909BLK32		LB	2513891	Benzene	10/19/2009	1	0.16	1	U	UG/L
	101909BLK32		LB	2513819	Bromobenzene	10/19/2009	1	0.27	1	U	UG/L
	101909BLK32		LB	2513858	Bromobenzene	10/19/2009	1	0.27	1	U	UG/L
	101909BLK32		LB	2513891	Bromobenzene	10/19/2009	1	0.27	1	U	UG/L
	101909BLK32		LB	2513819	Bromochloromethane	10/19/2009	1	0.38	1	U	UG/L
	101909BLK32		LB	2513858	Bromochloromethane	10/19/2009	1	0.38	1	U	UG/L
	101909BLK32		LB	2513891	Bromochloromethane	10/19/2009	1	0.38	1	U	UG/L
	101909BLK32		LB	2513891	Bromodichloromethane	10/19/2009	1	0.15	1	U	UG/L
	101909BLK32		LB	2513858	Bromodichloromethane	10/19/2009	1	0.15	1	U	UG/L
	101909BLK32		LB	2513819	Bromodichloromethane	10/19/2009	1	0.15	1	U	UG/L
	101909BLK32		LB	2513819	Bromoform	10/19/2009	1	0.36	1	U	UG/L
	101909BLK32		LB	2513891	Bromoform	10/19/2009	1	0.36	1	U	UG/L
	101909BLK32		LB	2513858	Bromoform	10/19/2009	1	0.36	1	U	UG/L
	101909BLK32		LB	2513891	Bromomethane	10/19/2009	2	0.76	2	U	UG/L
	101909BLK32		LB	2513819	Bromomethane	10/19/2009	2	0.76	2	U	UG/L
	101909BLK32		LB	2513858	Bromomethane	10/19/2009	2	0.76	2	U	UG/L
	101909BLK32		LB	2513891	Carbon disulfide	10/19/2009	2	0.29	2	U	UG/L
	101909BLK32		LB	2513819	Carbon disulfide	10/19/2009	2	0.29	2	U	UG/L
	101909BLK32		LB	2513858	Carbon disulfide	10/19/2009	2	0.29	2	U	UG/L
	101909BLK32		LB	2513819	Carbon tetrachloride	10/19/2009	1	0.33	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101909BLK32	WATER	LB	2513858	Carbon tetrachloride	10/19/2009	1	0.33	1	U	UG/L
	101909BLK32		LB	2513891	Carbon tetrachloride	10/19/2009	1	0.33	1	U	UG/L
	101909BLK32		LB	2513819	Chlorobenzene	10/19/2009	1	0.18	1	U	UG/L
	101909BLK32		LB	2513858	Chlorobenzene	10/19/2009	1	0.18	1	U	UG/L
	101909BLK32		LB	2513891	Chlorobenzene	10/19/2009	1	0.18	1	U	UG/L
	101909BLK32		LB	2513819	Chloroethane	10/19/2009	2	0.99	2	U	UG/L
	101909BLK32		LB	2513858	Chloroethane	10/19/2009	2	0.99	2	U	UG/L
	101909BLK32		LB	2513891	Chloroethane	10/19/2009	2	0.99	2	U	UG/L
	101909BLK32		LB	2513891	Chloroform	10/19/2009	1	0.29	1	U	UG/L
	101909BLK32		LB	2513819	Chloroform	10/19/2009	1	0.29	1	U	UG/L
	101909BLK32		LB	2513858	Chloroform	10/19/2009	1	0.29	1	U	UG/L
	101909BLK32		LB	2513819	Chloromethane	10/19/2009	2	0.68	2	U	UG/L
	101909BLK32		LB	2513891	Chloromethane	10/19/2009	2	0.68	2	U	UG/L
	101909BLK32		LB	2513858	Chloromethane	10/19/2009	2	0.68	2	U	UG/L
	101909BLK32		LB	2513819	cis-1,2-Dichloroethene	10/19/2009	1	0.29	1	U	UG/L
	101909BLK32		LB	2513858	cis-1,2-Dichloroethene	10/19/2009	1	0.29	1	U	UG/L
	101909BLK32		LB	2513891	cis-1,2-Dichloroethene	10/19/2009	1	0.29	1	U	UG/L
	101909BLK32		LB	2513891	cis-1,3-Dichloropropene	10/19/2009	1	0.23	1	U	UG/L
	101909BLK32		LB	2513858	cis-1,3-Dichloropropene	10/19/2009	1	0.23	1	U	UG/L
	101909BLK32		LB	2513819	cis-1,3-Dichloropropene	10/19/2009	1	0.23	1	U	UG/L
	101909BLK32		LB	2513819	Dibromochloromethane	10/19/2009	1	0.34	1	U	UG/L
	101909BLK32		LB	2513891	Dibromochloromethane	10/19/2009	1	0.34	1	U	UG/L
	101909BLK32		LB	2513858	Dibromochloromethane	10/19/2009	1	0.34	1	U	UG/L
	101909BLK32		LB	2513858	Dibromomethane	10/19/2009	1.1	0.53	1.1	U	UG/L
	101909BLK32		LB	2513891	Dibromomethane	10/19/2009	1.1	0.53	1.1	U	UG/L
	101909BLK32		LB	2513819	Dibromomethane	10/19/2009	1.1	0.53	1.1	U	UG/L
	101909BLK32		LB	2513858	Dichlorodifluoromethane	10/19/2009	2	0.23	2	U	UG/L
	101909BLK32		LB	2513891	Dichlorodifluoromethane	10/19/2009	2	0.23	2	U	UG/L
	101909BLK32		LB	2513819	Dichlorodifluoromethane	10/19/2009	2	0.23	2	U	UG/L
	101909BLK32		LB	2513891	Ethylbenzene	10/19/2009	1	0.43	1	U	UG/L
	101909BLK32		LB	2513858	Ethylbenzene	10/19/2009	1	0.43	1	U	UG/L
	101909BLK32		LB	2513819	Ethylbenzene	10/19/2009	1	0.43	1	U	UG/L
	101909BLK32		LB	2513891	Hexachlorobutadiene	10/19/2009	1	0.62	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101909BLK32	WATER	LB	2513819	Hexachlorobutadiene	10/19/2009	1	0.62	1	U	UG/L
	101909BLK32		LB	2513858	Hexachlorobutadiene	10/19/2009	1	0.62	1	U	UG/L
	101909BLK32		LB	2513858	Isopropylbenzene	10/19/2009	1	0.41	1	U	UG/L
	101909BLK32		LB	2513891	Isopropylbenzene	10/19/2009	1	0.41	1	U	UG/L
	101909BLK32		LB	2513819	Isopropylbenzene	10/19/2009	1	0.41	1	U	UG/L
	101909BLK32		LB	2513891	m,p-Xylene	10/19/2009	2	0.27	2	U	UG/L
	101909BLK32		LB	2513819	m,p-Xylene	10/19/2009	2	0.27	2	U	UG/L
	101909BLK32		LB	2513858	m,p-Xylene	10/19/2009	2	0.27	2	U	UG/L
	101909BLK32		LB	2513858	Methyl tert-butyl ether (MTBE)	10/19/2009	5	0.26	5	U	UG/L
	101909BLK32		LB	2513819	Methyl tert-butyl ether (MTBE)	10/19/2009	5	0.26	5	U	UG/L
	101909BLK32		LB	2513891	Methyl tert-butyl ether (MTBE)	10/19/2009	5	0.26	5	U	UG/L
	101909BLK32		LB	2513891	Methylene chloride	10/19/2009	5	0.52	5	U	UG/L
	101909BLK32		LB	2513819	Methylene chloride	10/19/2009	5	0.52	5	U	UG/L
	101909BLK32		LB	2513858	Methylene chloride	10/19/2009	5	0.52	5	U	UG/L
	101909BLK32		LB	2513891	Naphthalene	10/19/2009	1	0.32	1	U	UG/L
	101909BLK32		LB	2513858	Naphthalene	10/19/2009	1	0.32	1	U	UG/L
	101909BLK32		LB	2513819	Naphthalene	10/19/2009	1	0.32	1	U	UG/L
	101909BLK32		LB	2513891	n-Butylbenzene	10/19/2009	1	0.22	1	U	UG/L
	101909BLK32		LB	2513819	n-Butylbenzene	10/19/2009	1	0.22	1	U	UG/L
	101909BLK32		LB	2513858	n-Butylbenzene	10/19/2009	1	0.22	1	U	UG/L
	101909BLK32		LB	2513891	n-Propylbenzene	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513819	n-Propylbenzene	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513858	n-Propylbenzene	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513891	o-Xylene	10/19/2009	1	0.2	1	U	UG/L
	101909BLK32		LB	2513819	o-Xylene	10/19/2009	1	0.2	1	U	UG/L
	101909BLK32		LB	2513858	o-Xylene	10/19/2009	1	0.2	1	U	UG/L
	101909BLK32		LB	2513858	p-Isopropyltoluene	10/19/2009	1	0.24	1	U	UG/L
	101909BLK32		LB	2513891	p-Isopropyltoluene	10/19/2009	1	0.24	1	U	UG/L
	101909BLK32		LB	2513819	p-Isopropyltoluene	10/19/2009	1	0.24	1	U	UG/L
	101909BLK32		LB	2513819	sec-Butylbenzene	10/19/2009	1	0.2	1	U	UG/L
	101909BLK32		LB	2513891	sec-Butylbenzene	10/19/2009	1	0.2	1	U	UG/L
	101909BLK32		LB	2513858	sec-Butylbenzene	10/19/2009	1	0.2	1	U	UG/L
	101909BLK32		LB	2513819	Styrene	10/19/2009	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	101909BLK32	WATER	LB	2513891	Styrene	10/19/2009	1	0.2	1	U	UG/L
	101909BLK32		LB	2513858	Styrene	10/19/2009	1	0.2	1	U	UG/L
	101909BLK32		LB	2513819	tert-Butylbenzene	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513891	tert-Butylbenzene	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513858	tert-Butylbenzene	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513891	Tetrachloroethene	10/19/2009	1	0.35	1	U	UG/L
	101909BLK32		LB	2513858	Tetrachloroethene	10/19/2009	1	0.35	1	U	UG/L
	101909BLK32		LB	2513819	Tetrachloroethene	10/19/2009	1	0.35	1	U	UG/L
	101909BLK32		LB	2513891	Toluene	10/19/2009	1	0.22	1	U	UG/L
	101909BLK32		LB	2513858	Toluene	10/19/2009	1	0.22	1	U	UG/L
	101909BLK32		LB	2513819	Toluene	10/19/2009	1	0.22	1	U	UG/L
	101909BLK32		LB	2513891	Trans-1,2-Dichloroethene	10/19/2009	1	0.23	1	U	UG/L
	101909BLK32		LB	2513858	Trans-1,2-Dichloroethene	10/19/2009	1	0.23	1	U	UG/L
	101909BLK32		LB	2513819	Trans-1,2-Dichloroethene	10/19/2009	1	0.23	1	U	UG/L
	101909BLK32		LB	2513891	trans-1,3-Dichloropropene	10/19/2009	1	0.17	1	U	UG/L
	101909BLK32		LB	2513858	trans-1,3-Dichloropropene	10/19/2009	1	0.17	1	U	UG/L
	101909BLK32		LB	2513819	trans-1,3-Dichloropropene	10/19/2009	1	0.17	1	U	UG/L
	101909BLK32		LB	2513858	Trichloroethene	10/19/2009	1	0.42	1	U	UG/L
	101909BLK32		LB	2513891	Trichloroethene	10/19/2009	1	0.42	1	U	UG/L
	101909BLK32		LB	2513819	Trichloroethene	10/19/2009	1	0.42	1	U	UG/L
	101909BLK32		LB	2513858	Trichlorofluoromethane	10/19/2009	2	0.45	2	U	UG/L
	101909BLK32		LB	2513891	Trichlorofluoromethane	10/19/2009	2	0.45	2	U	UG/L
	101909BLK32		LB	2513819	Trichlorofluoromethane	10/19/2009	2	0.45	2	U	UG/L
	101909BLK32		LB	2513858	Vinyl Chloride	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513891	Vinyl Chloride	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513819	Vinyl Chloride	10/19/2009	1	0.28	1	U	UG/L
	101909BLK32		LB	2513891	Xylenes, Total	10/19/2009	3	0.27	3	U	UG/L
	101909BLK32		LB	2513819	Xylenes, Total	10/19/2009	3	0.27	3	U	UG/L
	101909BLK32		LB	2513858	Xylenes, Total	10/19/2009	3	0.27	3	U	UG/L
	102009BLK32		LB	2513827	1,1,1,2-Tetrachloroethane	10/20/2009	1	0.25	1	U	UG/L
	102009BLK32		LB	2513902	1,1,1,2-Tetrachloroethane	10/20/2009	1	0.25	1	U	UG/L
	102009BLK32		LB	2513902	1,1,1-Trichloroethane	10/20/2009	1	0.19	1	U	UG/L
	102009BLK32		LB	2513827	1,1,1-Trichloroethane	10/20/2009	1	0.19	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	102009BLK32	WATER	LB	2513902	1,1,2,2-Tetrachloroethane	10/20/2009	1	0.33	1	U	UG/L
	102009BLK32		LB	2513827	1,1,2,2-Tetrachloroethane	10/20/2009	1	0.33	1	U	UG/L
	102009BLK32		LB	2513902	1,1,2-Trichloroethane	10/20/2009	1	0.28	1	U	UG/L
	102009BLK32		LB	2513827	1,1,2-Trichloroethane	10/20/2009	1	0.28	1	U	UG/L
	102009BLK32		LB	2513827	1,1-Dichloroethane	10/20/2009	1	0.28	1	U	UG/L
	102009BLK32		LB	2513902	1,1-Dichloroethane	10/20/2009	1	0.28	1	U	UG/L
	102009BLK32		LB	2513902	1,1-Dichloroethene	10/20/2009	1	0.24	1	U	UG/L
	102009BLK32		LB	2513827	1,1-Dichloroethene	10/20/2009	1	0.24	1	U	UG/L
	102009BLK32		LB	2513827	1,1-Dichloropropene	10/20/2009	1	0.19	1	U	UG/L
	102009BLK32		LB	2513902	1,1-Dichloropropene	10/20/2009	1	0.19	1	U	UG/L
	102009BLK32		LB	2513902	1,2,3-Trichlorobenzene	10/20/2009	1.2	0.61	1.2	U	UG/L
	102009BLK32		LB	2513827	1,2,3-Trichlorobenzene	10/20/2009	1.2	0.61	1.2	U	UG/L
	102009BLK32		LB	2513827	1,2,3-Trichloropropane	10/20/2009	1.5	0.76	1.5	U	UG/L
	102009BLK32		LB	2513902	1,2,3-Trichloropropane	10/20/2009	1.5	0.76	1.5	U	UG/L
	102009BLK32		LB	2513902	1,2,4-Trichlorobenzene	10/20/2009	1	0.5	1	U	UG/L
	102009BLK32		LB	2513827	1,2,4-Trichlorobenzene	10/20/2009	1	0.5	1	U	UG/L
	102009BLK32		LB	2513902	1,2,4-Trimethylbenzene	10/20/2009	1	0.17	1	U	UG/L
	102009BLK32		LB	2513827	1,2,4-Trimethylbenzene	10/20/2009	1	0.17	1	U	UG/L
	102009BLK32		LB	2513827	1,2-Dibromo-3-chloropropane	10/20/2009	5	1.4	5	U	UG/L
	102009BLK32		LB	2513902	1,2-Dibromo-3-chloropropane	10/20/2009	5	1.4	5	U	UG/L
	102009BLK32		LB	2513902	1,2-Dibromoethane	10/20/2009	1	0.33	1	U	UG/L
	102009BLK32		LB	2513827	1,2-Dibromoethane	10/20/2009	1	0.33	1	U	UG/L
	102009BLK32		LB	2513902	1,2-Dichlorobenzene	10/20/2009	1	0.26	1	U	UG/L
	102009BLK32		LB	2513827	1,2-Dichlorobenzene	10/20/2009	1	0.26	1	U	UG/L
	102009BLK32		LB	2513827	1,2-Dichloroethane	10/20/2009	1	0.4	1	U	UG/L
	102009BLK32		LB	2513902	1,2-Dichloroethane	10/20/2009	1	0.4	1	U	UG/L
	102009BLK32		LB	2513827	1,2-Dichloropropane	10/20/2009	1	0.27	1	U	UG/L
	102009BLK32		LB	2513902	1,2-Dichloropropane	10/20/2009	1	0.27	1	U	UG/L
	102009BLK32		LB	2513827	1,3,5-Trimethylbenzene	10/20/2009	1	0.22	1	U	UG/L
	102009BLK32		LB	2513902	1,3,5-Trimethylbenzene	10/20/2009	1	0.22	1	U	UG/L
	102009BLK32		LB	2513902	1,3-Dichlorobenzene	10/20/2009	1	0.2	1	U	UG/L
	102009BLK32		LB	2513827	1,3-Dichlorobenzene	10/20/2009	1	0.2	1	U	UG/L
	102009BLK32		LB	2513827	1,3-Dichloropropane	10/20/2009	1	0.19	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	102009BLK32	WATER	LB	2513902	1,3-Dichloropropane	10/20/2009	1	0.19	1	U	UG/L
	102009BLK32		LB	2513902	1,4-Dichlorobenzene	10/20/2009	1	0.24	1	U	UG/L
	102009BLK32		LB	2513827	1,4-Dichlorobenzene	10/20/2009	1	0.24	1	U	UG/L
	102009BLK32		LB	2513902	2,2-Dichloropropane	10/20/2009	5	0.32	5	U	UG/L
	102009BLK32		LB	2513827	2,2-Dichloropropane	10/20/2009	5	0.32	5	U	UG/L
	102009BLK32		LB	2513827	2-Butanone	10/20/2009	6	4	6	U	UG/L
	102009BLK32		LB	2513902	2-Butanone	10/20/2009	6	4	6	U	UG/L
	102009BLK32		LB	2513827	2-Chlorotoluene	10/20/2009	1	0.32	1	U	UG/L
	102009BLK32		LB	2513902	2-Chlorotoluene	10/20/2009	1	0.32	1	U	UG/L
	102009BLK32		LB	2513827	2-Hexanone	10/20/2009	5	0.95	5	U	UG/L
	102009BLK32		LB	2513902	2-Hexanone	10/20/2009	5	0.95	5	U	UG/L
	102009BLK32		LB	2513902	4-Chlorotoluene	10/20/2009	1	0.12	1	U	UG/L
	102009BLK32		LB	2513827	4-Chlorotoluene	10/20/2009	1	0.12	1	U	UG/L
	102009BLK32		LB	2513827	4-Methyl-2-Pentanone	10/20/2009	5	0.61	5	U	UG/L
	102009BLK32		LB	2513902	4-Methyl-2-Pentanone	10/20/2009	5	0.61	5	U	UG/L
	102009BLK32		LB	2513902	Acetone	10/20/2009	10	5.6	10	U	UG/L
	102009BLK32		LB	2513827	Acetone	10/20/2009	10	5.6	10	U	UG/L
	102009BLK32		LB	2513902	Benzene	10/20/2009	1	0.16	1	U	UG/L
	102009BLK32		LB	2513827	Benzene	10/20/2009	1	0.16	1	U	UG/L
	102009BLK32		LB	2513827	Bromobenzene	10/20/2009	1	0.27	1	U	UG/L
	102009BLK32		LB	2513902	Bromobenzene	10/20/2009	1	0.27	1	U	UG/L
	102009BLK32		LB	2513902	Bromochloromethane	10/20/2009	1	0.38	1	U	UG/L
	102009BLK32		LB	2513827	Bromochloromethane	10/20/2009	1	0.38	1	U	UG/L
	102009BLK32		LB	2513827	Bromodichloromethane	10/20/2009	1	0.15	1	U	UG/L
	102009BLK32		LB	2513902	Bromodichloromethane	10/20/2009	1	0.15	1	U	UG/L
	102009BLK32		LB	2513827	Bromoform	10/20/2009	1	0.36	1	U	UG/L
	102009BLK32		LB	2513902	Bromoform	10/20/2009	1	0.36	1	U	UG/L
	102009BLK32		LB	2513902	Bromomethane	10/20/2009	2	0.76	2	U	UG/L
	102009BLK32		LB	2513827	Bromomethane	10/20/2009	2	0.76	2	U	UG/L
	102009BLK32		LB	2513827	Carbon disulfide	10/20/2009	2	0.29	2	U	UG/L
	102009BLK32		LB	2513902	Carbon disulfide	10/20/2009	2	0.29	2	U	UG/L
	102009BLK32		LB	2513827	Carbon tetrachloride	10/20/2009	1	0.33	1	U	UG/L
	102009BLK32		LB	2513902	Carbon tetrachloride	10/20/2009	1	0.33	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	102009BLK32	WATER	LB	2513902	Chlorobenzene	10/20/2009	1	0.18	1	U	UG/L
	102009BLK32		LB	2513827	Chlorobenzene	10/20/2009	1	0.18	1	U	UG/L
	102009BLK32		LB	2513902	Chloroethane	10/20/2009	2	0.99	2	U	UG/L
	102009BLK32		LB	2513827	Chloroethane	10/20/2009	2	0.99	2	U	UG/L
	102009BLK32		LB	2513902	Chloroform	10/20/2009	1	0.29	1	U	UG/L
	102009BLK32		LB	2513827	Chloroform	10/20/2009	1	0.29	1	U	UG/L
	102009BLK32		LB	2513902	Chloromethane	10/20/2009	2	0.68	2	U	UG/L
	102009BLK32		LB	2513827	Chloromethane	10/20/2009	2	0.68	2	U	UG/L
	102009BLK32		LB	2513827	cis-1,2-Dichloroethene	10/20/2009	1	0.29	1	U	UG/L
	102009BLK32		LB	2513902	cis-1,2-Dichloroethene	10/20/2009	1	0.29	1	U	UG/L
	102009BLK32		LB	2513827	cis-1,3-Dichloropropene	10/20/2009	1	0.23	1	U	UG/L
	102009BLK32		LB	2513902	cis-1,3-Dichloropropene	10/20/2009	1	0.23	1	U	UG/L
	102009BLK32		LB	2513827	Dibromochloromethane	10/20/2009	1	0.34	1	U	UG/L
	102009BLK32		LB	2513902	Dibromochloromethane	10/20/2009	1	0.34	1	U	UG/L
	102009BLK32		LB	2513902	Dibromomethane	10/20/2009	1.1	0.53	1.1	U	UG/L
	102009BLK32		LB	2513827	Dibromomethane	10/20/2009	1.1	0.53	1.1	U	UG/L
	102009BLK32		LB	2513902	Dichlorodifluoromethane	10/20/2009	2	0.23	2	U	UG/L
	102009BLK32		LB	2513827	Dichlorodifluoromethane	10/20/2009	2	0.23	2	U	UG/L
	102009BLK32		LB	2513827	Ethylbenzene	10/20/2009	1	0.43	1	U	UG/L
	102009BLK32		LB	2513902	Ethylbenzene	10/20/2009	1	0.43	1	U	UG/L
	102009BLK32		LB	2513902	Hexachlorobutadiene	10/20/2009	1	0.62	1	U	UG/L
	102009BLK32		LB	2513827	Hexachlorobutadiene	10/20/2009	1	0.62	1	U	UG/L
	102009BLK32		LB	2513827	Isopropylbenzene	10/20/2009	1	0.41	1	U	UG/L
	102009BLK32		LB	2513902	Isopropylbenzene	10/20/2009	1	0.41	1	U	UG/L
	102009BLK32		LB	2513902	m,p-Xylene	10/20/2009	2	0.27	2	U	UG/L
	102009BLK32		LB	2513827	m,p-Xylene	10/20/2009	2	0.27	2	U	UG/L
	102009BLK32		LB	2513827	Methyl tert-butyl ether (MTBE)	10/20/2009	5	0.26	5	U	UG/L
	102009BLK32		LB	2513902	Methyl tert-butyl ether (MTBE)	10/20/2009	5	0.26	5	U	UG/L
	102009BLK32		LB	2513827	Methylene chloride	10/20/2009	5	0.52	5	U	UG/L
	102009BLK32		LB	2513902	Methylene chloride	10/20/2009	5	0.52	5	U	UG/L
	102009BLK32		LB	2513827	Naphthalene	10/20/2009	1	0.32	1	U	UG/L
	102009BLK32		LB	2513902	Naphthalene	10/20/2009	1	0.32	1	U	UG/L
	102009BLK32		LB	2513827	n-Butylbenzene	10/20/2009	1	0.22	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	102009BLK32	WATER	LB	2513902	n-Butylbenzene	10/20/2009	1	0.22	1	U	UG/L
	102009BLK32		LB	2513827	n-Propylbenzene	10/20/2009	1	0.28	1	U	UG/L
	102009BLK32		LB	2513902	n-Propylbenzene	10/20/2009	1	0.28	1	U	UG/L
	102009BLK32		LB	2513827	o-Xylene	10/20/2009	1	0.2	1	U	UG/L
	102009BLK32		LB	2513902	o-Xylene	10/20/2009	1	0.2	1	U	UG/L
	102009BLK32		LB	2513827	p-Isopropyltoluene	10/20/2009	1	0.24	1	U	UG/L
	102009BLK32		LB	2513902	p-Isopropyltoluene	10/20/2009	1	0.24	1	U	UG/L
	102009BLK32		LB	2513827	sec-Butylbenzene	10/20/2009	1	0.2	1	U	UG/L
	102009BLK32		LB	2513902	sec-Butylbenzene	10/20/2009	1	0.2	1	U	UG/L
	102009BLK32		LB	2513827	Styrene	10/20/2009	1	0.2	1	U	UG/L
	102009BLK32		LB	2513902	Styrene	10/20/2009	1	0.2	1	U	UG/L
	102009BLK32		LB	2513827	tert-Butylbenzene	10/20/2009	1	0.28	1	U	UG/L
	102009BLK32		LB	2513902	tert-Butylbenzene	10/20/2009	1	0.28	1	U	UG/L
	102009BLK32		LB	2513827	Tetrachloroethene	10/20/2009	1	0.35	1	U	UG/L
	102009BLK32		LB	2513902	Tetrachloroethene	10/20/2009	1	0.35	1	U	UG/L
	102009BLK32		LB	2513827	Toluene	10/20/2009	1	0.22	1	U	UG/L
	102009BLK32		LB	2513902	Toluene	10/20/2009	1	0.22	1	U	UG/L
	102009BLK32		LB	2513902	Trans-1,2-Dichloroethene	10/20/2009	1	0.23	1	U	UG/L
	102009BLK32		LB	2513827	Trans-1,2-Dichloroethene	10/20/2009	1	0.23	1	U	UG/L
	102009BLK32		LB	2513902	trans-1,3-Dichloropropene	10/20/2009	1	0.17	1	U	UG/L
	102009BLK32		LB	2513827	trans-1,3-Dichloropropene	10/20/2009	1	0.17	1	U	UG/L
	102009BLK32		LB	2513827	Trichloroethene	10/20/2009	1	0.42	1	U	UG/L
	102009BLK32		LB	2513902	Trichloroethene	10/20/2009	1	0.42	1	U	UG/L
	102009BLK32		LB	2513902	Trichlorofluoromethane	10/20/2009	2	0.45	2	U	UG/L
	102009BLK32		LB	2513827	Trichlorofluoromethane	10/20/2009	2	0.45	2	U	UG/L
	102009BLK32		LB	2513827	Vinyl Chloride	10/20/2009	1	0.28	1	U	UG/L
	102009BLK32		LB	2513902	Vinyl Chloride	10/20/2009	1	0.28	1	U	UG/L
	102009BLK32		LB	2513902	Xylenes, Total	10/20/2009	3	0.27	3	U	UG/L
	102009BLK32		LB	2513827	Xylenes, Total	10/20/2009	3	0.27	3	U	UG/L
	102109BLK32		LB	2513922	1,1,1,2-Tetrachloroethane	10/21/2009	1	0.25	1	U	UG/L
	102109BLK32		LB	2513922	1,1,1-Trichloroethane	10/21/2009	1	0.19	1	U	UG/L
	102109BLK32		LB	2513922	1,1,2,2-Tetrachloroethane	10/21/2009	1	0.33	1	U	UG/L
	102109BLK32		LB	2513922	1,1,2-Trichloroethane	10/21/2009	1	0.28	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	102109BLK32	WATER	LB	2513922	1,1-Dichloroethane	10/21/2009	1	0.28	1	U	UG/L
	102109BLK32		LB	2513922	1,1-Dichloroethene	10/21/2009	1	0.24	1	U	UG/L
	102109BLK32		LB	2513922	1,1-Dichloropropene	10/21/2009	1	0.19	1	U	UG/L
	102109BLK32		LB	2513922	1,2,3-Trichlorobenzene	10/21/2009	1.2	0.61	1.2	U	UG/L
	102109BLK32		LB	2513922	1,2,3-Trichloropropane	10/21/2009	1.5	0.76	1.5	U	UG/L
	102109BLK32		LB	2513922	1,2,4-Trichlorobenzene	10/21/2009	1	0.5	1	U	UG/L
	102109BLK32		LB	2513922	1,2,4-Trimethylbenzene	10/21/2009	1	0.17	1	U	UG/L
	102109BLK32		LB	2513922	1,2-Dibromo-3-chloropropane	10/21/2009	5	1.4	5	U	UG/L
	102109BLK32		LB	2513922	1,2-Dibromoethane	10/21/2009	1	0.33	1	U	UG/L
	102109BLK32		LB	2513922	1,2-Dichlorobenzene	10/21/2009	1	0.26	1	U	UG/L
	102109BLK32		LB	2513922	1,2-Dichloroethane	10/21/2009	1	0.4	1	U	UG/L
	102109BLK32		LB	2513922	1,2-Dichloropropane	10/21/2009	1	0.27	1	U	UG/L
	102109BLK32		LB	2513922	1,3,5-Trimethylbenzene	10/21/2009	1	0.22	1	U	UG/L
	102109BLK32		LB	2513922	1,3-Dichlorobenzene	10/21/2009	1	0.2	1	U	UG/L
	102109BLK32		LB	2513922	1,3-Dichloropropane	10/21/2009	1	0.19	1	U	UG/L
	102109BLK32		LB	2513922	1,4-Dichlorobenzene	10/21/2009	1	0.24	1	U	UG/L
	102109BLK32		LB	2513922	2,2-Dichloropropane	10/21/2009	5	0.32	5	U	UG/L
	102109BLK32		LB	2513922	2-Butanone	10/21/2009	6	4	6	U	UG/L
	102109BLK32		LB	2513922	2-Chlorotoluene	10/21/2009	1	0.32	1	U	UG/L
	102109BLK32		LB	2513922	2-Hexanone	10/21/2009	5	0.95	5	U	UG/L
	102109BLK32		LB	2513922	4-Chlorotoluene	10/21/2009	1	0.12	1	U	UG/L
	102109BLK32		LB	2513922	4-Methyl-2-Pentanone	10/21/2009	5	0.61	5	U	UG/L
	102109BLK32		LB	2513922	Acetone	10/21/2009	10	5.6	10	U	UG/L
	102109BLK32		LB	2513922	Benzene	10/21/2009	1	0.16	1	U	UG/L
	102109BLK32		LB	2513922	Bromobenzene	10/21/2009	1	0.27	1	U	UG/L
	102109BLK32		LB	2513922	Bromochloromethane	10/21/2009	1	0.38	1	U	UG/L
	102109BLK32		LB	2513922	Bromodichloromethane	10/21/2009	1	0.15	1	U	UG/L
	102109BLK32		LB	2513922	Bromoform	10/21/2009	1	0.36	1	U	UG/L
	102109BLK32		LB	2513922	Bromomethane	10/21/2009	2	0.76	2	U	UG/L
	102109BLK32		LB	2513922	Carbon disulfide	10/21/2009	2	0.29	2	U	UG/L
	102109BLK32		LB	2513922	Carbon tetrachloride	10/21/2009	1	0.33	1	U	UG/L
	102109BLK32		LB	2513922	Chlorobenzene	10/21/2009	1	0.18	1	U	UG/L
	102109BLK32		LB	2513922	Chloroethane	10/21/2009	2	0.99	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	102109BLK32	WATER	LB	2513922	Chloroform	10/21/2009	1	0.29	1	U	UG/L
	102109BLK32		LB	2513922	Chloromethane	10/21/2009	2	0.68	2	U	UG/L
	102109BLK32		LB	2513922	cis-1,2-Dichloroethene	10/21/2009	1	0.29	1	U	UG/L
	102109BLK32		LB	2513922	cis-1,3-Dichloropropene	10/21/2009	1	0.23	1	U	UG/L
	102109BLK32		LB	2513922	Dibromochloromethane	10/21/2009	1	0.34	1	U	UG/L
	102109BLK32		LB	2513922	Dibromomethane	10/21/2009	1.1	0.53	1.1	U	UG/L
	102109BLK32		LB	2513922	Dichlorodifluoromethane	10/21/2009	2	0.23	2	U	UG/L
	102109BLK32		LB	2513922	Ethylbenzene	10/21/2009	1	0.43	1	U	UG/L
	102109BLK32		LB	2513922	Hexachlorobutadiene	10/21/2009	1	0.62	1	U	UG/L
	102109BLK32		LB	2513922	Isopropylbenzene	10/21/2009	1	0.41	1	U	UG/L
	102109BLK32		LB	2513922	m,p-Xylene	10/21/2009	2	0.27	2	U	UG/L
	102109BLK32		LB	2513922	Methyl tert-butyl ether (MTBE)	10/21/2009	5	0.26	5	U	UG/L
	102109BLK32		LB	2513922	Methylene chloride	10/21/2009	5	0.52	5	U	UG/L
	102109BLK32		LB	2513922	Naphthalene	10/21/2009	1	0.32	1	U	UG/L
	102109BLK32		LB	2513922	n-Butylbenzene	10/21/2009	1	0.22	1	U	UG/L
	102109BLK32		LB	2513922	n-Propylbenzene	10/21/2009	1	0.28	1	U	UG/L
	102109BLK32		LB	2513922	o-Xylene	10/21/2009	1	0.2	1	U	UG/L
	102109BLK32		LB	2513922	p-Isopropyltoluene	10/21/2009	1	0.24	1	U	UG/L
	102109BLK32		LB	2513922	sec-Butylbenzene	10/21/2009	1	0.2	1	U	UG/L
	102109BLK32		LB	2513922	Styrene	10/21/2009	1	0.2	1	U	UG/L
	102109BLK32		LB	2513922	tert-Butylbenzene	10/21/2009	1	0.28	1	U	UG/L
	102109BLK32		LB	2513922	Tetrachloroethene	10/21/2009	1	0.35	1	U	UG/L
	102109BLK32		LB	2513922	Toluene	10/21/2009	1	0.22	1	U	UG/L
	102109BLK32		LB	2513922	Trans-1,2-Dichloroethene	10/21/2009	1	0.23	1	U	UG/L
	102109BLK32		LB	2513922	trans-1,3-Dichloropropene	10/21/2009	1	0.17	1	U	UG/L
	102109BLK32		LB	2513922	Trichloroethene	10/21/2009	1	0.42	1	U	UG/L
	102109BLK32		LB	2513922	Trichlorofluoromethane	10/21/2009	2	0.45	2	U	UG/L
	102109BLK32		LB	2513922	Vinyl Chloride	10/21/2009	1	0.28	1	U	UG/L
	102109BLK32		LB	2513922	Xylenes, Total	10/21/2009	3	0.27	3	U	UG/L
	102209BLK32		LB	2513927	1,1,1,2-Tetrachloroethane	10/22/2009	1	0.25	1	U	UG/L
	102209BLK32		LB	2513925	1,1,1,2-Tetrachloroethane	10/22/2009	1	0.25	1	U	UG/L
	102209BLK32		LB	2513925	1,1,1-Trichloroethane	10/22/2009	1	0.19	1	U	UG/L
	102209BLK32		LB	2513927	1,1,1-Trichloroethane	10/22/2009	1	0.19	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	102209BLK32	WATER	LB	2513927	1,1,2,2-Tetrachloroethane	10/22/2009	1	0.33	1	U	UG/L
	102209BLK32		LB	2513925	1,1,2,2-Tetrachloroethane	10/22/2009	1	0.33	1	U	UG/L
	102209BLK32		LB	2513927	1,1,2-Trichloroethane	10/22/2009	1	0.28	1	U	UG/L
	102209BLK32		LB	2513925	1,1,2-Trichloroethane	10/22/2009	1	0.28	1	U	UG/L
	102209BLK32		LB	2513927	1,1-Dichloroethane	10/22/2009	1	0.28	1	U	UG/L
	102209BLK32		LB	2513925	1,1-Dichloroethane	10/22/2009	1	0.28	1	U	UG/L
	102209BLK32		LB	2513925	1,1-Dichloroethene	10/22/2009	1	0.24	1	U	UG/L
	102209BLK32		LB	2513927	1,1-Dichloroethene	10/22/2009	1	0.24	1	U	UG/L
	102209BLK32		LB	2513925	1,1-Dichloropropene	10/22/2009	1	0.19	1	U	UG/L
	102209BLK32		LB	2513927	1,1-Dichloropropene	10/22/2009	1	0.19	1	U	UG/L
	102209BLK32		LB	2513927	1,2,3-Trichlorobenzene	10/22/2009	1.2	0.61	1.2	U	UG/L
	102209BLK32		LB	2513925	1,2,3-Trichlorobenzene	10/22/2009	1.2	0.61	1.2	U	UG/L
	102209BLK32		LB	2513925	1,2,3-Trichloropropane	10/22/2009	1.5	0.76	1.5	U	UG/L
	102209BLK32		LB	2513927	1,2,3-Trichloropropane	10/22/2009	1.5	0.76	1.5	U	UG/L
	102209BLK32		LB	2513927	1,2,4-Trichlorobenzene	10/22/2009	1	0.5	1	U	UG/L
	102209BLK32		LB	2513925	1,2,4-Trichlorobenzene	10/22/2009	1	0.5	1	U	UG/L
	102209BLK32		LB	2513925	1,2,4-Trimethylbenzene	10/22/2009	1	0.17	1	U	UG/L
	102209BLK32		LB	2513927	1,2,4-Trimethylbenzene	10/22/2009	1	0.17	1	U	UG/L
	102209BLK32		LB	2513927	1,2-Dibromo-3-chloropropane	10/22/2009	5	1.4	5	U	UG/L
	102209BLK32		LB	2513925	1,2-Dibromo-3-chloropropane	10/22/2009	5	1.4	5	U	UG/L
	102209BLK32		LB	2513925	1,2-Dibromoethane	10/22/2009	1	0.33	1	U	UG/L
	102209BLK32		LB	2513927	1,2-Dibromoethane	10/22/2009	1	0.33	1	U	UG/L
	102209BLK32		LB	2513925	1,2-Dichlorobenzene	10/22/2009	1	0.26	1	U	UG/L
	102209BLK32		LB	2513927	1,2-Dichlorobenzene	10/22/2009	1	0.26	1	U	UG/L
	102209BLK32		LB	2513927	1,2-Dichloroethane	10/22/2009	1	0.4	1	U	UG/L
	102209BLK32		LB	2513925	1,2-Dichloroethane	10/22/2009	1	0.4	1	U	UG/L
	102209BLK32		LB	2513927	1,2-Dichloropropane	10/22/2009	1	0.27	1	U	UG/L
	102209BLK32		LB	2513925	1,2-Dichloropropane	10/22/2009	1	0.27	1	U	UG/L
	102209BLK32		LB	2513925	1,3,5-Trimethylbenzene	10/22/2009	1	0.22	1	U	UG/L
	102209BLK32		LB	2513927	1,3,5-Trimethylbenzene	10/22/2009	1	0.22	1	U	UG/L
	102209BLK32		LB	2513927	1,3-Dichlorobenzene	10/22/2009	1	0.2	1	U	UG/L
	102209BLK32		LB	2513925	1,3-Dichlorobenzene	10/22/2009	1	0.2	1	U	UG/L
	102209BLK32		LB	2513927	1,3-Dichloropropane	10/22/2009	1	0.19	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	102209BLK32	WATER	LB	2513925	1,3-Dichloropropane	10/22/2009	1	0.19	1	U	UG/L
	102209BLK32		LB	2513925	1,4-Dichlorobenzene	10/22/2009	1	0.24	1	U	UG/L
	102209BLK32		LB	2513927	1,4-Dichlorobenzene	10/22/2009	1	0.24	1	U	UG/L
	102209BLK32		LB	2513925	2,2-Dichloropropane	10/22/2009	5	0.32	5	U	UG/L
	102209BLK32		LB	2513927	2,2-Dichloropropane	10/22/2009	5	0.32	5	U	UG/L
	102209BLK32		LB	2513927	2-Butanone	10/22/2009	6	4	6	U	UG/L
	102209BLK32		LB	2513925	2-Butanone	10/22/2009	6	4	6	U	UG/L
	102209BLK32		LB	2513925	2-Chlorotoluene	10/22/2009	1	0.32	1	U	UG/L
	102209BLK32		LB	2513927	2-Chlorotoluene	10/22/2009	1	0.32	1	U	UG/L
	102209BLK32		LB	2513927	2-Hexanone	10/22/2009	5	0.95	5	U	UG/L
	102209BLK32		LB	2513925	2-Hexanone	10/22/2009	5	0.95	5	U	UG/L
	102209BLK32		LB	2513925	4-Chlorotoluene	10/22/2009	1	0.12	1	U	UG/L
	102209BLK32		LB	2513927	4-Chlorotoluene	10/22/2009	1	0.12	1	U	UG/L
	102209BLK32		LB	2513925	4-Methyl-2-Pentanone	10/22/2009	5	0.61	5	U	UG/L
	102209BLK32		LB	2513927	4-Methyl-2-Pentanone	10/22/2009	5	0.61	5	U	UG/L
	102209BLK32		LB	2513927	Acetone	10/22/2009	10	5.6	10	U	UG/L
	102209BLK32		LB	2513925	Acetone	10/22/2009	10	5.6	10	U	UG/L
	102209BLK32		LB	2513927	Benzene	10/22/2009	1	0.16	1	U	UG/L
	102209BLK32		LB	2513925	Benzene	10/22/2009	1	0.16	1	U	UG/L
	102209BLK32		LB	2513925	Bromobenzene	10/22/2009	1	0.27	1	U	UG/L
	102209BLK32		LB	2513927	Bromobenzene	10/22/2009	1	0.27	1	U	UG/L
	102209BLK32		LB	2513927	Bromochloromethane	10/22/2009	1	0.38	1	U	UG/L
	102209BLK32		LB	2513925	Bromochloromethane	10/22/2009	1	0.38	1	U	UG/L
	102209BLK32		LB	2513927	Bromodichloromethane	10/22/2009	1	0.15	1	U	UG/L
	102209BLK32		LB	2513925	Bromodichloromethane	10/22/2009	1	0.15	1	U	UG/L
	102209BLK32		LB	2513925	Bromoform	10/22/2009	1	0.36	1	U	UG/L
	102209BLK32		LB	2513927	Bromoform	10/22/2009	1	0.36	1	U	UG/L
	102209BLK32		LB	2513925	Bromomethane	10/22/2009	2	0.76	2	U	UG/L
	102209BLK32		LB	2513927	Bromomethane	10/22/2009	2	0.76	2	U	UG/L
	102209BLK32		LB	2513927	Carbon disulfide	10/22/2009	2	0.29	2	U	UG/L
	102209BLK32		LB	2513925	Carbon disulfide	10/22/2009	2	0.29	2	U	UG/L
	102209BLK32		LB	2513927	Carbon tetrachloride	10/22/2009	1	0.33	1	U	UG/L
	102209BLK32		LB	2513925	Carbon tetrachloride	10/22/2009	1	0.33	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	102209BLK32	WATER	LB	2513927	Chlorobenzene	10/22/2009	1	0.18	1	U	UG/L
	102209BLK32		LB	2513925	Chlorobenzene	10/22/2009	1	0.18	1	U	UG/L
	102209BLK32		LB	2513927	Chloroethane	10/22/2009	2	0.99	2	U	UG/L
	102209BLK32		LB	2513925	Chloroethane	10/22/2009	2	0.99	2	U	UG/L
	102209BLK32		LB	2513925	Chloroform	10/22/2009	1	0.29	1	U	UG/L
	102209BLK32		LB	2513927	Chloroform	10/22/2009	1	0.29	1	U	UG/L
	102209BLK32		LB	2513925	Chloromethane	10/22/2009	2	0.68	2	U	UG/L
	102209BLK32		LB	2513927	Chloromethane	10/22/2009	2	0.68	2	U	UG/L
	102209BLK32		LB	2513925	cis-1,2-Dichloroethene	10/22/2009	1	0.29	1	U	UG/L
	102209BLK32		LB	2513927	cis-1,2-Dichloroethene	10/22/2009	1	0.29	1	U	UG/L
	102209BLK32		LB	2513927	cis-1,3-Dichloropropene	10/22/2009	1	0.23	1	U	UG/L
	102209BLK32		LB	2513925	cis-1,3-Dichloropropene	10/22/2009	1	0.23	1	U	UG/L
	102209BLK32		LB	2513927	Dibromochloromethane	10/22/2009	1	0.34	1	U	UG/L
	102209BLK32		LB	2513925	Dibromochloromethane	10/22/2009	1	0.34	1	U	UG/L
	102209BLK32		LB	2513927	Dibromomethane	10/22/2009	1.1	0.53	1.1	U	UG/L
	102209BLK32		LB	2513925	Dibromomethane	10/22/2009	1.1	0.53	1.1	U	UG/L
	102209BLK32		LB	2513927	Dichlorodifluoromethane	10/22/2009	2	0.23	2	U	UG/L
	102209BLK32		LB	2513925	Dichlorodifluoromethane	10/22/2009	2	0.23	2	U	UG/L
	102209BLK32		LB	2513925	Ethylbenzene	10/22/2009	1	0.43	1	U	UG/L
	102209BLK32		LB	2513927	Ethylbenzene	10/22/2009	1	0.43	1	U	UG/L
	102209BLK32		LB	2513925	Hexachlorobutadiene	10/22/2009	1	0.62	1	U	UG/L
	102209BLK32		LB	2513927	Hexachlorobutadiene	10/22/2009	1	0.62	1	U	UG/L
	102209BLK32		LB	2513925	Isopropylbenzene	10/22/2009	1	0.41	1	U	UG/L
	102209BLK32		LB	2513927	Isopropylbenzene	10/22/2009	1	0.41	1	U	UG/L
	102209BLK32		LB	2513925	m,p-Xylene	10/22/2009	2	0.27	2	U	UG/L
	102209BLK32		LB	2513927	m,p-Xylene	10/22/2009	2	0.27	2	U	UG/L
	102209BLK32		LB	2513927	Methyl tert-butyl ether (MTBE)	10/22/2009	5	0.26	5	U	UG/L
	102209BLK32		LB	2513925	Methyl tert-butyl ether (MTBE)	10/22/2009	5	0.26	5	U	UG/L
	102209BLK32		LB	2513927	Methylene chloride	10/22/2009	5	0.52	5	U	UG/L
	102209BLK32		LB	2513925	Methylene chloride	10/22/2009	5	0.52	5	U	UG/L
	102209BLK32		LB	2513925	Naphthalene	10/22/2009	1	0.32	1	U	UG/L
	102209BLK32		LB	2513927	Naphthalene	10/22/2009	1	0.32	1	U	UG/L
	102209BLK32		LB	2513925	n-Butylbenzene	10/22/2009	1	0.22	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	102209BLK32	WATER	LB	2513927	n-Butylbenzene	10/22/2009	1	0.22	1	U	UG/L
	102209BLK32		LB	2513925	n-Propylbenzene	10/22/2009	1	0.28	1	U	UG/L
	102209BLK32		LB	2513927	n-Propylbenzene	10/22/2009	1	0.28	1	U	UG/L
	102209BLK32		LB	2513925	o-Xylene	10/22/2009	1	0.2	1	U	UG/L
	102209BLK32		LB	2513927	o-Xylene	10/22/2009	1	0.2	1	U	UG/L
	102209BLK32		LB	2513925	p-Isopropyltoluene	10/22/2009	1	0.24	1	U	UG/L
	102209BLK32		LB	2513927	p-Isopropyltoluene	10/22/2009	1	0.24	1	U	UG/L
	102209BLK32		LB	2513925	sec-Butylbenzene	10/22/2009	1	0.2	1	U	UG/L
	102209BLK32		LB	2513927	sec-Butylbenzene	10/22/2009	1	0.2	1	U	UG/L
	102209BLK32		LB	2513925	Styrene	10/22/2009	1	0.2	1	U	UG/L
	102209BLK32		LB	2513927	Styrene	10/22/2009	1	0.2	1	U	UG/L
	102209BLK32		LB	2513925	tert-Butylbenzene	10/22/2009	1	0.28	1	U	UG/L
	102209BLK32		LB	2513927	tert-Butylbenzene	10/22/2009	1	0.28	1	U	UG/L
	102209BLK32		LB	2513925	Tetrachloroethene	10/22/2009	1	0.35	1	U	UG/L
	102209BLK32		LB	2513927	Tetrachloroethene	10/22/2009	1	0.35	1	U	UG/L
	102209BLK32		LB	2513925	Toluene	10/22/2009	1	0.22	1	U	UG/L
	102209BLK32		LB	2513927	Toluene	10/22/2009	1	0.22	1	U	UG/L
	102209BLK32		LB	2513927	Trans-1,2-Dichloroethene	10/22/2009	1	0.23	1	U	UG/L
	102209BLK32		LB	2513925	Trans-1,2-Dichloroethene	10/22/2009	1	0.23	1	U	UG/L
	102209BLK32		LB	2513925	trans-1,3-Dichloropropene	10/22/2009	1	0.17	1	U	UG/L
	102209BLK32		LB	2513927	trans-1,3-Dichloropropene	10/22/2009	1	0.17	1	U	UG/L
	102209BLK32		LB	2513927	Trichloroethene	10/22/2009	1	0.42	1	U	UG/L
	102209BLK32		LB	2513925	Trichloroethene	10/22/2009	1	0.42	1	U	UG/L
	102209BLK32		LB	2513927	Trichlorofluoromethane	10/22/2009	2	0.45	2	U	UG/L
	102209BLK32		LB	2513925	Trichlorofluoromethane	10/22/2009	2	0.45	2	U	UG/L
	102209BLK32		LB	2513927	Vinyl Chloride	10/22/2009	1	0.28	1	U	UG/L
	102209BLK32		LB	2513925	Vinyl Chloride	10/22/2009	1	0.28	1	U	UG/L
	102209BLK32		LB	2513927	Xylenes, Total	10/22/2009	3	0.27	3	U	UG/L
	102209BLK32		LB	2513925	Xylenes, Total	10/22/2009	3	0.27	3	U	UG/L
	121709BLKA32		LB	2514463	1,1,1,2-Tetrachloroethane	12/17/2009	1	0.14	1	U	UG/L
	121709BLKA32		LB	2514463	1,1,1-Trichloroethane	12/17/2009	1	0.14	1	U	UG/L
	121709BLKA32		LB	2514463	1,1,2,2-Tetrachloroethane	12/17/2009	1	0.13	1	U	UG/L
	121709BLKA32		LB	2514463	1,1,2-Trichloroethane	12/17/2009	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	121709BLKA32	WATER	LB	2514463	1,1-Dichloroethane	12/17/2009	1	0.15	1	U	UG/L
	121709BLKA32		LB	2514463	1,1-Dichloroethene	12/17/2009	1	0.19	1	U	UG/L
	121709BLKA32		LB	2514463	1,1-Dichloropropene	12/17/2009	1	0.3	1	U	UG/L
	121709BLKA32		LB	2514463	1,2,3-Trichlorobenzene	12/17/2009	1.2	0.16	1.2	U	UG/L
	121709BLKA32		LB	2514463	1,2,3-Trichloropropane	12/17/2009	1.5	0.35	1.5	U	UG/L
	121709BLKA32		LB	2514463	1,2,4-Trichlorobenzene	12/17/2009	1	0.11	1	U	UG/L
	121709BLKA32		LB	2514463	1,2,4-Trimethylbenzene	12/17/2009	1	0.13	1	U	UG/L
	121709BLKA32		LB	2514463	1,2-Dibromo-3-chloropropane	12/17/2009	5	1	5	U	UG/L
	121709BLKA32		LB	2514463	1,2-Dibromoethane	12/17/2009	1	0.11	1	U	UG/L
	121709BLKA32		LB	2514463	1,2-Dichlorobenzene	12/17/2009	1	0.077	1	U	UG/L
	121709BLKA32		LB	2514463	1,2-Dichloroethane	12/17/2009	1	0.15	1	U	UG/L
	121709BLKA32		LB	2514463	1,2-Dichloropropane	12/17/2009	1	0.15	1	U	UG/L
	121709BLKA32		LB	2514463	1,3,5-Trimethylbenzene	12/17/2009	1	0.14	1	U	UG/L
	121709BLKA32		LB	2514463	1,3-Dichlorobenzene	12/17/2009	1	0.15	1	U	UG/L
	121709BLKA32		LB	2514463	1,3-Dichloropropane	12/17/2009	1	0.3	1	U	UG/L
	121709BLKA32		LB	2514463	1,4-Dichlorobenzene	12/17/2009	1	0.15	1	U	UG/L
	121709BLKA32		LB	2514463	2,2-Dichloropropane	12/17/2009	5	0.17	5	U	UG/L
	121709BLKA32		LB	2514463	2-Butanone	12/17/2009	6	2	6	U	UG/L
	121709BLKA32		LB	2514463	2-Chlorotoluene	12/17/2009	1	0.072	1	U	UG/L
	121709BLKA32		LB	2514463	2-Hexanone	12/17/2009	5	0.48	5	U	UG/L
	121709BLKA32		LB	2514463	4-Chlorotoluene	12/17/2009	1	0.15	1	U	UG/L
	121709BLKA32		LB	2514463	4-Methyl-2-Pentanone	12/17/2009	5	1	5	U	UG/L
	121709BLKA32		LB	2514463	Acetone	12/17/2009	10	1.3	10	U	UG/L
	121709BLKA32		LB	2514463	Benzene	12/17/2009	1	0.17	1	U	UG/L
	121709BLKA32		LB	2514463	Bromobenzene	12/17/2009	1	0.21	1	U	UG/L
	121709BLKA32		LB	2514463	Bromochloromethane	12/17/2009	1	0.17	1	U	UG/L
	121709BLKA32		LB	2514463	Bromodichloromethane	12/17/2009	1	0.15	1	U	UG/L
	121709BLKA32		LB	2514463	Bromoform	12/17/2009	1	0.19	1	U	UG/L
	121709BLKA32		LB	2514463	Bromomethane	12/17/2009	2	0.43	2	U	UG/L
	121709BLKA32		LB	2514463	Carbon disulfide	12/17/2009	2	0.19	2	U	UG/L
	121709BLKA32		LB	2514463	Carbon tetrachloride	12/17/2009	1	0.14	1	U	UG/L
	121709BLKA32		LB	2514463	Chlorobenzene	12/17/2009	1	0.16	1	U	UG/L
	121709BLKA32		LB	2514463	Chloroethane	12/17/2009	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	121709BLKA32	WATER	LB	2514463	Chloroform	12/17/2009	1	0.16	1	U	UG/L
	121709BLKA32		LB	2514463	Chloromethane	12/17/2009	2	0.32	2	U	UG/L
	121709BLKA32		LB	2514463	cis-1,2-Dichloroethene	12/17/2009	1	0.19	1	U	UG/L
	121709BLKA32		LB	2514463	cis-1,3-Dichloropropene	12/17/2009	1	0.12	1	U	UG/L
	121709BLKA32		LB	2514463	Dibromochloromethane	12/17/2009	1	0.13	1	U	UG/L
	121709BLKA32		LB	2514463	Dibromomethane	12/17/2009	1.1	0.11	1.1	U	UG/L
	121709BLKA32		LB	2514463	Dichlorodifluoromethane	12/17/2009	2	0.17	2	U	UG/L
	121709BLKA32		LB	2514463	Ethylbenzene	12/17/2009	1	0.22	1	U	UG/L
	121709BLKA32		LB	2514463	Hexachlorobutadiene	12/17/2009	1	0.36	1	U	UG/L
	121709BLKA32		LB	2514463	Isopropylbenzene	12/17/2009	1	0.14	1	U	UG/L
	121709BLKA32		LB	2514463	m,p-Xylene	12/17/2009	2	0.23	2	U	UG/L
	121709BLKA32		LB	2514463	Methyl tert-butyl ether (MTBE)	12/17/2009	5	0.16	5	U	UG/L
	121709BLKA32		LB	2514463	Methylene chloride	12/17/2009	5	0.66	5	U	UG/L
	121709BLKA32		LB	2514463	Naphthalene	12/17/2009	1	0.5	1	U	UG/L
	121709BLKA32		LB	2514463	n-Butylbenzene	12/17/2009	1	0.16	1	U	UG/L
	121709BLKA32		LB	2514463	n-Propylbenzene	12/17/2009	1	0.14	1	U	UG/L
	121709BLKA32		LB	2514463	o-Xylene	12/17/2009	1	0.5	1	U	UG/L
	121709BLKA32		LB	2514463	p-Isopropyltoluene	12/17/2009	1	0.14	1	U	UG/L
	121709BLKA32		LB	2514463	sec-Butylbenzene	12/17/2009	1	0.1	1	U	UG/L
	121709BLKA32		LB	2514463	Styrene	12/17/2009	1	0.12	1	U	UG/L
	121709BLKA32		LB	2514463	tert-Butylbenzene	12/17/2009	1	0.2	1	U	UG/L
	121709BLKA32		LB	2514463	Tetrachloroethene	12/17/2009	1	0.21	1	U	UG/L
	121709BLKA32		LB	2514463	Toluene	12/17/2009	1	0.14	1	U	UG/L
	121709BLKA32		LB	2514463	Trans-1,2-Dichloroethene	12/17/2009	1	0.33	1	U	UG/L
	121709BLKA32		LB	2514463	trans-1,3-Dichloropropene	12/17/2009	1	0.3	1	U	UG/L
	121709BLKA32		LB	2514463	Trichloroethene	12/17/2009	1	0.19	1	U	UG/L
	121709BLKA32		LB	2514463	Trichlorofluoromethane	12/17/2009	2	0.12	2	U	UG/L
	121709BLKA32		LB	2514463	Vinyl Chloride	12/17/2009	1	0.18	1	U	UG/L
	121709BLKA32		LB	2514463	Xylenes, Total	12/17/2009	3	0.5	3	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,1,1,2-Tetrachloroethane	10/22/2009	1	0.25	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,1,1-Trichloroethane	10/22/2009	1	0.19	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,1,2,2-Tetrachloroethane	10/22/2009	1	0.33	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,1,2-Trichloroethane	10/22/2009	1	0.28	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-EB-TO313-19102009	WATER	EB	2513925	1,1-Dichloroethane	10/22/2009	1	0.28	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,1-Dichloroethene	10/22/2009	1	0.24	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,1-Dichloropropene	10/22/2009	1	0.19	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2,3-Trichlorobenzene	10/22/2009	1.2	0.61	1.2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2,3-Trichloropropane	10/22/2009	1.5	0.76	1.5	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2,4-Trichlorobenzene	10/22/2009	1	0.5	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2,4-Trimethylbenzene	10/22/2009	1	0.17	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2-Dibromo-3-chloropropane	10/22/2009	5	1.4	5	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2-Dibromoethane	10/22/2009	1	0.33	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2-Dichlorobenzene	10/22/2009	1	0.26	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2-Dichloroethane	10/22/2009	1	0.4	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2-Dichloropropane	10/22/2009	1	0.27	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,3,5-Trimethylbenzene	10/22/2009	1	0.22	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,3-Dichlorobenzene	10/22/2009	1	0.2	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,3-Dichloropropane	10/22/2009	1	0.19	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,4-Dichlorobenzene	10/22/2009	1	0.24	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2,2-Dichloropropane	10/22/2009	5	0.32	5	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2-Butanone	10/22/2009	6	4	6	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2-Chlorotoluene	10/22/2009	1	0.32	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2-Hexanone	10/22/2009	5	0.95	5	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	4-Chlorotoluene	10/22/2009	1	0.12	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	4-Methyl-2-Pentanone	10/22/2009	5	0.61	5	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Acetone	10/22/2009	10	5.6	10	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzene	10/22/2009	1	0.16	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Bromobenzene	10/22/2009	1	0.27	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Bromochloromethane	10/22/2009	1	0.38	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Bromodichloromethane	10/22/2009	0.26	0.15	1	J	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Bromoform	10/22/2009	1.1	0.36	1		UG/L
	ST106-EB-TO313-19102009		EB	2513925	Bromomethane	10/22/2009	2	0.76	2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Carbon disulfide	10/22/2009	2	0.29	2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Carbon tetrachloride	10/22/2009	1	0.33	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Chlorobenzene	10/22/2009	1	0.18	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Chloroethane	10/22/2009	2	0.99	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-EB-TO313-19102009	WATER	EB	2513925	Chloroform	10/22/2009	1	0.29	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Chloromethane	10/22/2009	2	0.68	2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	cis-1,2-Dichloroethene	10/22/2009	1	0.29	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	cis-1,3-Dichloropropene	10/22/2009	1	0.23	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Dibromochloromethane	10/22/2009	0.99	0.34	1	J	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Dibromomethane	10/22/2009	1.1	0.53	1.1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Dichlorodifluoromethane	10/22/2009	2	0.23	2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Ethylbenzene	10/22/2009	1	0.43	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Hexachlorobutadiene	10/22/2009	1	0.62	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Isopropylbenzene	10/22/2009	1	0.41	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	m,p-Xylene	10/22/2009	2	0.27	2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Methyl tert-butyl ether (MTBE)	10/22/2009	5	0.26	5	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Methylene chloride	10/22/2009	5	0.52	5	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Naphthalene	10/22/2009	1	0.32	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	n-Butylbenzene	10/22/2009	1	0.22	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	n-Propylbenzene	10/22/2009	1	0.28	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	o-Xylene	10/22/2009	1	0.2	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	p-Isopropyltoluene	10/22/2009	1	0.24	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	sec-Butylbenzene	10/22/2009	1	0.2	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Styrene	10/22/2009	1	0.2	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	tert-Butylbenzene	10/22/2009	1	0.28	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Tetrachloroethene	10/22/2009	1	0.35	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Toluene	10/22/2009	1	0.22	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Trans-1,2-Dichloroethene	10/22/2009	1	0.23	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	trans-1,3-Dichloropropene	10/22/2009	1	0.17	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Trichloroethene	10/22/2009	1	0.42	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Trichlorofluoromethane	10/22/2009	2	0.45	2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Vinyl Chloride	10/22/2009	1	0.28	1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Xylenes, Total	10/22/2009	3	0.27	3	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,1,1,2-Tetrachloroethane	1/31/2010	1	0.14	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,1,1-Trichloroethane	1/31/2010	1	0.14	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,1,2,2-Tetrachloroethane	1/31/2010	1	0.13	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,1,2-Trichloroethane	1/31/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-EB-TO96-20012010	WATER	EB	2514809	1,1-Dichloroethane	1/31/2010	1	0.15	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,1-Dichloroethene	1/31/2010	1	0.19	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,1-Dichloropropene	1/31/2010	1	0.3	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2,3-Trichlorobenzene	1/31/2010	1.2	0.16	1.2	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2,3-Trichloropropane	1/31/2010	1.5	0.35	1.5	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2,4-Trichlorobenzene	1/31/2010	1	0.11	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2,4-Trimethylbenzene	1/31/2010	1	0.13	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2-Dibromo-3-chloropropane	1/31/2010	5	1	5	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2-Dibromoethane	1/31/2010	1	0.11	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2-Dichlorobenzene	1/31/2010	1	0.077	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2-Dichloroethane	1/31/2010	1	0.15	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2-Dichloropropane	1/31/2010	1	0.15	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,3,5-Trimethylbenzene	1/31/2010	1	0.14	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,3-Dichlorobenzene	1/31/2010	1	0.15	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,3-Dichloropropane	1/31/2010	1	0.3	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,4-Dichlorobenzene	1/31/2010	1	0.15	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,2-Dichloropropane	1/31/2010	5	0.17	5	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Butanone	1/31/2010	6	2	6	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Chlorotoluene	1/31/2010	1	0.072	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Hexanone	1/31/2010	5	0.48	5	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Chlorotoluene	1/31/2010	1	0.15	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Methyl-2-Pentanone	1/31/2010	5	1	5	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Acetone	1/31/2010	10	1.3	10	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzene	1/31/2010	0.65	0.17	1	J	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Bromobenzene	1/31/2010	1	0.21	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Bromochloromethane	1/31/2010	1	0.17	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Bromodichloromethane	1/31/2010	1	0.15	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Bromoform	1/31/2010	1	0.19	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Bromomethane	1/31/2010	2	0.43	2	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Carbon disulfide	1/31/2010	2	0.19	2	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Carbon tetrachloride	1/31/2010	1	0.14	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Chlorobenzene	1/31/2010	1	0.16	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Chloroethane	1/31/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-EB-TO96-20012010	WATER	EB	2514809	Chloroform	1/31/2010	1	0.16	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Chloromethane	1/31/2010	2	0.32	2	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	cis-1,2-Dichloroethene	1/31/2010	1	0.19	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	cis-1,3-Dichloropropene	1/31/2010	1	0.12	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Dibromochloromethane	1/31/2010	1	0.13	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Dibromomethane	1/31/2010	1.1	0.11	1.1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Dichlorodifluoromethane	1/31/2010	2	0.17	2	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Ethylbenzene	1/31/2010	0.34	0.22	1	J	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Hexachlorobutadiene	1/31/2010	1	0.36	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Isopropylbenzene	1/31/2010	1	0.14	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	m,p-Xylene	1/31/2010	2	0.23	2	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Methyl tert-butyl ether (MTBE)	1/31/2010	5	0.16	5	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Methylene chloride	1/31/2010	5	0.66	5	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Naphthalene	1/31/2010	1	0.5	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	n-Butylbenzene	1/31/2010	1	0.16	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	n-Propylbenzene	1/31/2010	1	0.14	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	o-Xylene	1/31/2010	1	0.5	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	p-Isopropyltoluene	1/31/2010	1	0.14	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	sec-Butylbenzene	1/31/2010	1	0.1	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Styrene	1/31/2010	1	0.12	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	tert-Butylbenzene	1/31/2010	1	0.2	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Tetrachloroethene	1/31/2010	1	0.21	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Toluene	1/31/2010	1	0.14	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Trans-1,2-Dichloroethene	1/31/2010	1	0.33	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	trans-1,3-Dichloropropene	1/31/2010	1	0.3	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Trichloroethene	1/31/2010	1	0.19	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Trichlorofluoromethane	1/31/2010	2	0.12	2	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Vinyl Chloride	1/31/2010	1	0.18	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Xylenes, Total	1/31/2010	3	0.5	3	U	UG/L
	ST106-TB-11012010		TB	2514687	1,1,1,2-Tetrachloroethane	1/13/2010	1	0.14	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,1,1-Trichloroethane	1/13/2010	1	0.14	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,1,2,2-Tetrachloroethane	1/13/2010	1	0.13	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,1,2-Trichloroethane	1/13/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-11012010	WATER	TB	2514687	1,1-Dichloroethane	1/13/2010	1	0.15	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,1-Dichloroethene	1/13/2010	1	0.19	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,1-Dichloropropene	1/13/2010	1	0.3	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,2,3-Trichlorobenzene	1/13/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-11012010		TB	2514687	1,2,3-Trichloropropane	1/13/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-11012010		TB	2514687	1,2,4-Trichlorobenzene	1/13/2010	1	0.11	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,2,4-Trimethylbenzene	1/13/2010	1	0.13	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,2-Dibromo-3-chloropropane	1/13/2010	5	1	5	U	UG/L
	ST106-TB-11012010		TB	2514687	1,2-Dibromoethane	1/13/2010	1	0.11	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,2-Dichlorobenzene	1/13/2010	1	0.077	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,2-Dichloroethane	1/13/2010	1	0.15	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,2-Dichloropropane	1/13/2010	1	0.15	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,3,5-Trimethylbenzene	1/13/2010	1	0.14	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,3-Dichlorobenzene	1/13/2010	1	0.15	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,3-Dichloropropane	1/13/2010	1	0.3	1	U	UG/L
	ST106-TB-11012010		TB	2514687	1,4-Dichlorobenzene	1/13/2010	1	0.15	1	U	UG/L
	ST106-TB-11012010		TB	2514687	2,2-Dichloropropane	1/13/2010	5	0.17	5	U	UG/L
	ST106-TB-11012010		TB	2514687	2-Butanone	1/13/2010	6	2	6	U	UG/L
	ST106-TB-11012010		TB	2514687	2-Chlorotoluene	1/13/2010	1	0.072	1	U	UG/L
	ST106-TB-11012010		TB	2514687	2-Hexanone	1/13/2010	5	0.48	5	U	UG/L
	ST106-TB-11012010		TB	2514687	4-Chlorotoluene	1/13/2010	1	0.15	1	U	UG/L
	ST106-TB-11012010		TB	2514687	4-Methyl-2-Pentanone	1/13/2010	5	1	5	U	UG/L
	ST106-TB-11012010		TB	2514687	Acetone	1/13/2010	10	1.3	10	U	UG/L
	ST106-TB-11012010		TB	2514687	Benzene	1/13/2010	1	0.17	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Bromobenzene	1/13/2010	1	0.21	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Bromochloromethane	1/13/2010	1	0.17	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Bromodichloromethane	1/13/2010	1	0.15	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Bromoform	1/13/2010	1	0.19	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Bromomethane	1/13/2010	2	0.43	2	U	UG/L
	ST106-TB-11012010		TB	2514687	Carbon disulfide	1/13/2010	2	0.19	2	U	UG/L
	ST106-TB-11012010		TB	2514687	Carbon tetrachloride	1/13/2010	1	0.14	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Chlorobenzene	1/13/2010	1	0.16	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Chloroethane	1/13/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-11012010	WATER	TB	2514687	Chloroform	1/13/2010	1	0.16	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Chloromethane	1/13/2010	2	0.32	2	U	UG/L
	ST106-TB-11012010		TB	2514687	cis-1,2-Dichloroethene	1/13/2010	1	0.19	1	U	UG/L
	ST106-TB-11012010		TB	2514687	cis-1,3-Dichloropropene	1/13/2010	1	0.12	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Dibromochloromethane	1/13/2010	1	0.13	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Dibromomethane	1/13/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-11012010		TB	2514687	Dichlorodifluoromethane	1/13/2010	2	0.17	2	U	UG/L
	ST106-TB-11012010		TB	2514687	Ethylbenzene	1/13/2010	1	0.22	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Hexachlorobutadiene	1/13/2010	1	0.36	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Isopropylbenzene	1/13/2010	1	0.14	1	U	UG/L
	ST106-TB-11012010		TB	2514687	m,p-Xylene	1/13/2010	2	0.23	2	U	UG/L
	ST106-TB-11012010		TB	2514687	Methyl tert-butyl ether (MTBE)	1/13/2010	5	0.16	5	U	UG/L
	ST106-TB-11012010		TB	2514687	Methylene chloride	1/13/2010	1.7	0.66	5	J	UG/L
	ST106-TB-11012010		TB	2514687	Naphthalene	1/13/2010	1	0.5	1	U	UG/L
	ST106-TB-11012010		TB	2514687	n-Butylbenzene	1/13/2010	1	0.16	1	U	UG/L
	ST106-TB-11012010		TB	2514687	n-Propylbenzene	1/13/2010	1	0.14	1	U	UG/L
	ST106-TB-11012010		TB	2514687	o-Xylene	1/13/2010	1	0.5	1	U	UG/L
	ST106-TB-11012010		TB	2514687	p-Isopropyltoluene	1/13/2010	1	0.14	1	U	UG/L
	ST106-TB-11012010		TB	2514687	sec-Butylbenzene	1/13/2010	1	0.1	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Styrene	1/13/2010	1	0.12	1	U	UG/L
	ST106-TB-11012010		TB	2514687	tert-Butylbenzene	1/13/2010	1	0.2	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Tetrachloroethene	1/13/2010	1	0.21	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Toluene	1/13/2010	1	0.14	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Trans-1,2-Dichloroethene	1/13/2010	1	0.33	1	U	UG/L
	ST106-TB-11012010		TB	2514687	trans-1,3-Dichloropropene	1/13/2010	1	0.3	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Trichloroethene	1/13/2010	1	0.19	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Trichlorofluoromethane	1/13/2010	2	0.12	2	U	UG/L
	ST106-TB-11012010		TB	2514687	Vinyl Chloride	1/13/2010	1	0.18	1	U	UG/L
	ST106-TB-11012010		TB	2514687	Xylenes, Total	1/13/2010	3	0.5	3	U	UG/L
	ST106-TB-12112009		TB	2514463	1,1,1,2-Tetrachloroethane	12/17/2009	1	0.14	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,1,1-Trichloroethane	12/17/2009	1	0.14	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,1,2,2-Tetrachloroethane	12/17/2009	1	0.13	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,1,2-Trichloroethane	12/17/2009	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-12112009	WATER	TB	2514463	1,1-Dichloroethane	12/17/2009	1	0.15	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,1-Dichloroethene	12/17/2009	1	0.19	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,1-Dichloropropene	12/17/2009	1	0.3	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,2,3-Trichlorobenzene	12/17/2009	1.2	0.16	1.2	U	UG/L
	ST106-TB-12112009		TB	2514463	1,2,3-Trichloropropane	12/17/2009	1.5	0.35	1.5	U	UG/L
	ST106-TB-12112009		TB	2514463	1,2,4-Trichlorobenzene	12/17/2009	1	0.11	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,2,4-Trimethylbenzene	12/17/2009	1	0.13	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,2-Dibromo-3-chloropropane	12/17/2009	5	1	5	U	UG/L
	ST106-TB-12112009		TB	2514463	1,2-Dibromoethane	12/17/2009	1	0.11	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,2-Dichlorobenzene	12/17/2009	1	0.077	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,2-Dichloroethane	12/17/2009	1	0.15	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,2-Dichloropropane	12/17/2009	1	0.15	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,3,5-Trimethylbenzene	12/17/2009	1	0.14	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,3-Dichlorobenzene	12/17/2009	1	0.15	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,3-Dichloropropane	12/17/2009	1	0.3	1	U	UG/L
	ST106-TB-12112009		TB	2514463	1,4-Dichlorobenzene	12/17/2009	1	0.15	1	U	UG/L
	ST106-TB-12112009		TB	2514463	2,2-Dichloropropane	12/17/2009	5	0.17	5	U	UG/L
	ST106-TB-12112009		TB	2514463	2-Butanone	12/17/2009	6	2	6	U	UG/L
	ST106-TB-12112009		TB	2514463	2-Chlorotoluene	12/17/2009	1	0.072	1	U	UG/L
	ST106-TB-12112009		TB	2514463	2-Hexanone	12/17/2009	5	0.48	5	U	UG/L
	ST106-TB-12112009		TB	2514463	4-Chlorotoluene	12/17/2009	1	0.15	1	U	UG/L
	ST106-TB-12112009		TB	2514463	4-Methyl-2-Pentanone	12/17/2009	5	1	5	U	UG/L
	ST106-TB-12112009		TB	2514463	Acetone	12/17/2009	10	1.3	10	U	UG/L
	ST106-TB-12112009		TB	2514463	Benzene	12/17/2009	1	0.17	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Bromobenzene	12/17/2009	1	0.21	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Bromochloromethane	12/17/2009	1	0.17	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Bromodichloromethane	12/17/2009	1	0.15	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Bromoform	12/17/2009	1	0.19	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Bromomethane	12/17/2009	2	0.43	2	U	UG/L
	ST106-TB-12112009		TB	2514463	Carbon disulfide	12/17/2009	2	0.19	2	U	UG/L
	ST106-TB-12112009		TB	2514463	Carbon tetrachloride	12/17/2009	1	0.14	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Chlorobenzene	12/17/2009	1	0.16	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Chloroethane	12/17/2009	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-12112009	WATER	TB	2514463	Chloroform	12/17/2009	1	0.16	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Chloromethane	12/17/2009	2	0.32	2	U	UG/L
	ST106-TB-12112009		TB	2514463	cis-1,2-Dichloroethene	12/17/2009	1	0.19	1	U	UG/L
	ST106-TB-12112009		TB	2514463	cis-1,3-Dichloropropene	12/17/2009	1	0.12	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Dibromochloromethane	12/17/2009	1	0.13	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Dibromomethane	12/17/2009	1.1	0.11	1.1	U	UG/L
	ST106-TB-12112009		TB	2514463	Dichlorodifluoromethane	12/17/2009	2	0.17	2	U	UG/L
	ST106-TB-12112009		TB	2514463	Ethylbenzene	12/17/2009	1	0.22	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Hexachlorobutadiene	12/17/2009	1	0.36	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Isopropylbenzene	12/17/2009	1	0.14	1	U	UG/L
	ST106-TB-12112009		TB	2514463	m,p-Xylene	12/17/2009	2	0.23	2	U	UG/L
	ST106-TB-12112009		TB	2514463	Methyl tert-butyl ether (MTBE)	12/17/2009	5	0.16	5	U	UG/L
	ST106-TB-12112009		TB	2514463	Methylene chloride	12/17/2009	5	0.66	5	U	UG/L
	ST106-TB-12112009		TB	2514463	Naphthalene	12/17/2009	1	0.5	1	U	UG/L
	ST106-TB-12112009		TB	2514463	n-Butylbenzene	12/17/2009	1	0.16	1	U	UG/L
	ST106-TB-12112009		TB	2514463	n-Propylbenzene	12/17/2009	1	0.14	1	U	UG/L
	ST106-TB-12112009		TB	2514463	o-Xylene	12/17/2009	1	0.5	1	U	UG/L
	ST106-TB-12112009		TB	2514463	p-Isopropyltoluene	12/17/2009	1	0.14	1	U	UG/L
	ST106-TB-12112009		TB	2514463	sec-Butylbenzene	12/17/2009	1	0.1	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Styrene	12/17/2009	1	0.12	1	U	UG/L
	ST106-TB-12112009		TB	2514463	tert-Butylbenzene	12/17/2009	1	0.2	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Tetrachloroethene	12/17/2009	1	0.21	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Toluene	12/17/2009	1	0.14	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Trans-1,2-Dichloroethene	12/17/2009	1	0.33	1	U	UG/L
	ST106-TB-12112009		TB	2514463	trans-1,3-Dichloropropene	12/17/2009	1	0.3	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Trichloroethene	12/17/2009	1	0.19	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Trichlorofluoromethane	12/17/2009	2	0.12	2	U	UG/L
	ST106-TB-12112009		TB	2514463	Vinyl Chloride	12/17/2009	1	0.18	1	U	UG/L
	ST106-TB-12112009		TB	2514463	Xylenes, Total	12/17/2009	3	0.5	3	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,1,1,2-Tetrachloroethane	10/15/2009	1	0.25	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,1,1-Trichloroethane	10/15/2009	1	0.19	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,1,2,2-Tetrachloroethane	10/15/2009	1	0.33	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,1,2-Trichloroethane	10/15/2009	1	0.28	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO038-1-12102009	WATER	TB	2513832	1,1-Dichloroethane	10/15/2009	1	0.28	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,1-Dichloroethene	10/15/2009	1	0.24	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,1-Dichloropropene	10/15/2009	1	0.19	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,2,3-Trichlorobenzene	10/15/2009	1.2	0.61	1.2	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,2,3-Trichloropropane	10/15/2009	1.5	0.76	1.5	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,2,4-Trichlorobenzene	10/15/2009	1	0.5	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,2,4-Trimethylbenzene	10/15/2009	1	0.17	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,2-Dibromo-3-chloropropane	10/15/2009	5	1.4	5	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,2-Dibromoethane	10/15/2009	1	0.33	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,2-Dichlorobenzene	10/15/2009	1	0.26	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,2-Dichloroethane	10/15/2009	1	0.4	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,2-Dichloropropane	10/15/2009	1	0.27	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,3,5-Trimethylbenzene	10/15/2009	1	0.22	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,3-Dichlorobenzene	10/15/2009	1	0.2	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,3-Dichloropropane	10/15/2009	1	0.19	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	1,4-Dichlorobenzene	10/15/2009	1	0.24	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	2,2-Dichloropropane	10/15/2009	5	0.32	5	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	2-Butanone	10/15/2009	6	4	6	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	2-Chlorotoluene	10/15/2009	1	0.32	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	2-Hexanone	10/15/2009	5	0.95	5	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	4-Chlorotoluene	10/15/2009	1	0.12	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	4-Methyl-2-Pentanone	10/15/2009	5	0.61	5	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Acetone	10/15/2009	10	5.6	10	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Benzene	10/15/2009	1	0.16	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Bromobenzene	10/15/2009	1	0.27	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Bromochloromethane	10/15/2009	1	0.38	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Bromodichloromethane	10/15/2009	1	0.15	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Bromoform	10/15/2009	1	0.36	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Bromomethane	10/15/2009	2	0.76	2	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Carbon disulfide	10/15/2009	2	0.29	2	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Carbon tetrachloride	10/15/2009	1	0.33	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Chlorobenzene	10/15/2009	1	0.18	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Chloroethane	10/15/2009	2	0.99	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO038-1-12102009	WATER	TB	2513832	Chloroform	10/15/2009	1	0.29	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Chloromethane	10/15/2009	2	0.68	2	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	cis-1,2-Dichloroethene	10/15/2009	1	0.29	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	cis-1,3-Dichloropropene	10/15/2009	1	0.23	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Dibromochloromethane	10/15/2009	1	0.34	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Dibromomethane	10/15/2009	1.1	0.53	1.1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Dichlorodifluoromethane	10/15/2009	2	0.23	2	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Ethylbenzene	10/15/2009	1	0.43	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Hexachlorobutadiene	10/15/2009	1	0.62	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Isopropylbenzene	10/15/2009	1	0.41	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	m,p-Xylene	10/15/2009	2	0.27	2	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Methyl tert-butyl ether (MTBE)	10/15/2009	5	0.26	5	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Methylene chloride	10/15/2009	5	0.52	5	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Naphthalene	10/15/2009	1	0.32	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	n-Butylbenzene	10/15/2009	1	0.22	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	n-Propylbenzene	10/15/2009	1	0.28	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	o-Xylene	10/15/2009	1	0.2	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	p-Isopropyltoluene	10/15/2009	1	0.24	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	sec-Butylbenzene	10/15/2009	1	0.2	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Styrene	10/15/2009	1	0.2	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	tert-Butylbenzene	10/15/2009	1	0.28	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Tetrachloroethene	10/15/2009	1	0.35	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Toluene	10/15/2009	1	0.22	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Trans-1,2-Dichloroethene	10/15/2009	1	0.23	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	trans-1,3-Dichloropropene	10/15/2009	1	0.17	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Trichloroethene	10/15/2009	1	0.42	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Trichlorofluoromethane	10/15/2009	2	0.45	2	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Vinyl Chloride	10/15/2009	1	0.28	1	U	UG/L
	ST106-TB-TO038-1-12102009		TB	2513832	Xylenes, Total	10/15/2009	3	0.27	3	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,1,1,2-Tetrachloroethane	10/19/2009	1	0.25	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,1,1-Trichloroethane	10/19/2009	1	0.19	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,1,2,2-Tetrachloroethane	10/19/2009	1	0.33	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,1,2-Trichloroethane	10/19/2009	1	0.28	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO096-1-13102009	WATER	TB	2513858	1,1-Dichloroethane	10/19/2009	1	0.28	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,1-Dichloroethene	10/19/2009	1	0.24	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,1-Dichloropropene	10/19/2009	1	0.19	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,2,3-Trichlorobenzene	10/19/2009	1.2	0.61	1.2	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,2,3-Trichloropropane	10/19/2009	1.5	0.76	1.5	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,2,4-Trichlorobenzene	10/19/2009	1	0.5	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,2,4-Trimethylbenzene	10/19/2009	1	0.17	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,2-Dibromo-3-chloropropane	10/19/2009	5	1.4	5	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,2-Dibromoethane	10/19/2009	1	0.33	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,2-Dichlorobenzene	10/19/2009	1	0.26	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,2-Dichloroethane	10/19/2009	1	0.4	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,2-Dichloropropane	10/19/2009	1	0.27	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,3,5-Trimethylbenzene	10/19/2009	1	0.22	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,3-Dichlorobenzene	10/19/2009	1	0.2	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,3-Dichloropropane	10/19/2009	1	0.19	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	1,4-Dichlorobenzene	10/19/2009	1	0.24	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	2,2-Dichloropropane	10/19/2009	5	0.32	5	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	2-Butanone	10/19/2009	6	4	6	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	2-Chlorotoluene	10/19/2009	1	0.32	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	2-Hexanone	10/19/2009	5	0.95	5	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	4-Chlorotoluene	10/19/2009	1	0.12	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	4-Methyl-2-Pentanone	10/19/2009	5	0.61	5	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Acetone	10/19/2009	10	5.6	10	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Benzene	10/19/2009	1	0.16	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Bromobenzene	10/19/2009	1	0.27	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Bromochloromethane	10/19/2009	1	0.38	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Bromodichloromethane	10/19/2009	1	0.15	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Bromoform	10/19/2009	1	0.36	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Bromomethane	10/19/2009	2	0.76	2	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Carbon disulfide	10/19/2009	2	0.29	2	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Carbon tetrachloride	10/19/2009	1	0.33	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Chlorobenzene	10/19/2009	1	0.18	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Chloroethane	10/19/2009	2	0.99	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO096-1-13102009	WATER	TB	2513858	Chloroform	10/19/2009	1	0.29	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Chloromethane	10/19/2009	2	0.68	2	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	cis-1,2-Dichloroethene	10/19/2009	1	0.29	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	cis-1,3-Dichloropropene	10/19/2009	1	0.23	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Dibromochloromethane	10/19/2009	1	0.34	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Dibromomethane	10/19/2009	1.1	0.53	1.1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Dichlorodifluoromethane	10/19/2009	2	0.23	2	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Ethylbenzene	10/19/2009	1	0.43	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Hexachlorobutadiene	10/19/2009	1	0.62	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Isopropylbenzene	10/19/2009	1	0.41	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	m,p-Xylene	10/19/2009	2	0.27	2	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Methyl tert-butyl ether (MTBE)	10/19/2009	5	0.26	5	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Methylene chloride	10/19/2009	5	0.52	5	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Naphthalene	10/19/2009	1	0.32	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	n-Butylbenzene	10/19/2009	1	0.22	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	n-Propylbenzene	10/19/2009	1	0.28	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	o-Xylene	10/19/2009	1	0.2	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	p-Isopropyltoluene	10/19/2009	1	0.24	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	sec-Butylbenzene	10/19/2009	1	0.2	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Styrene	10/19/2009	1	0.2	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	tert-Butylbenzene	10/19/2009	1	0.28	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Tetrachloroethene	10/19/2009	1	0.35	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Toluene	10/19/2009	1	0.22	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Trans-1,2-Dichloroethene	10/19/2009	1	0.23	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	trans-1,3-Dichloropropene	10/19/2009	1	0.17	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Trichloroethene	10/19/2009	1	0.42	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Trichlorofluoromethane	10/19/2009	2	0.45	2	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Vinyl Chloride	10/19/2009	1	0.28	1	U	UG/L
	ST106-TB-TO096-1-13102009		TB	2513858	Xylenes, Total	10/19/2009	3	0.27	3	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,1,1,2-Tetrachloroethane	10/22/2009	1	0.25	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,1,1-Trichloroethane	10/22/2009	1	0.19	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,1,2,2-Tetrachloroethane	10/22/2009	1	0.33	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,1,2-Trichloroethane	10/22/2009	1	0.28	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO096-1-19102009	WATER	TB	2513925	1,1-Dichloroethane	10/22/2009	1	0.28	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,1-Dichloroethene	10/22/2009	1	0.24	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,1-Dichloropropene	10/22/2009	1	0.19	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,2,3-Trichlorobenzene	10/22/2009	1.2	0.61	1.2	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,2,3-Trichloropropane	10/22/2009	1.5	0.76	1.5	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,2,4-Trichlorobenzene	10/22/2009	1	0.5	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,2,4-Trimethylbenzene	10/22/2009	1	0.17	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,2-Dibromo-3-chloropropane	10/22/2009	5	1.4	5	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,2-Dibromoethane	10/22/2009	1	0.33	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,2-Dichlorobenzene	10/22/2009	1	0.26	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,2-Dichloroethane	10/22/2009	1	0.4	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,2-Dichloropropane	10/22/2009	1	0.27	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,3,5-Trimethylbenzene	10/22/2009	1	0.22	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,3-Dichlorobenzene	10/22/2009	1	0.2	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,3-Dichloropropane	10/22/2009	1	0.19	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	1,4-Dichlorobenzene	10/22/2009	1	0.24	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	2,2-Dichloropropane	10/22/2009	5	0.32	5	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	2-Butanone	10/22/2009	6	4	6	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	2-Chlorotoluene	10/22/2009	1	0.32	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	2-Hexanone	10/22/2009	5	0.95	5	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	4-Chlorotoluene	10/22/2009	1	0.12	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	4-Methyl-2-Pentanone	10/22/2009	5	0.61	5	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Acetone	10/22/2009	10	5.6	10	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Benzene	10/22/2009	1	0.16	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Bromobenzene	10/22/2009	1	0.27	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Bromochloromethane	10/22/2009	1	0.38	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Bromodichloromethane	10/22/2009	1	0.15	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Bromoform	10/22/2009	1	0.36	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Bromomethane	10/22/2009	2	0.76	2	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Carbon disulfide	10/22/2009	2	0.29	2	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Carbon tetrachloride	10/22/2009	1	0.33	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Chlorobenzene	10/22/2009	1	0.18	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Chloroethane	10/22/2009	2	0.99	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO096-1-19102009	WATER	TB	2513925	Chloroform	10/22/2009	1	0.29	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Chloromethane	10/22/2009	2	0.68	2	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	cis-1,2-Dichloroethene	10/22/2009	1	0.29	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	cis-1,3-Dichloropropene	10/22/2009	1	0.23	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Dibromochloromethane	10/22/2009	1	0.34	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Dibromomethane	10/22/2009	1.1	0.53	1.1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Dichlorodifluoromethane	10/22/2009	2	0.23	2	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Ethylbenzene	10/22/2009	1	0.43	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Hexachlorobutadiene	10/22/2009	1	0.62	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Isopropylbenzene	10/22/2009	1	0.41	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	m,p-Xylene	10/22/2009	2	0.27	2	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Methyl tert-butyl ether (MTBE)	10/22/2009	5	0.26	5	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Methylene chloride	10/22/2009	5	0.52	5	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Naphthalene	10/22/2009	1	0.32	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	n-Butylbenzene	10/22/2009	1	0.22	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	n-Propylbenzene	10/22/2009	1	0.28	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	o-Xylene	10/22/2009	1	0.2	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	p-Isopropyltoluene	10/22/2009	1	0.24	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	sec-Butylbenzene	10/22/2009	1	0.2	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Styrene	10/22/2009	1	0.2	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	tert-Butylbenzene	10/22/2009	1	0.28	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Tetrachloroethene	10/22/2009	1	0.35	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Toluene	10/22/2009	1	0.22	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Trans-1,2-Dichloroethene	10/22/2009	1	0.23	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	trans-1,3-Dichloropropene	10/22/2009	1	0.17	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Trichloroethene	10/22/2009	1	0.42	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Trichlorofluoromethane	10/22/2009	2	0.45	2	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Vinyl Chloride	10/22/2009	1	0.28	1	U	UG/L
	ST106-TB-TO096-1-19102009		TB	2513925	Xylenes, Total	10/22/2009	3	0.27	3	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,1,1,2-Tetrachloroethane	10/20/2009	1	0.25	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,1,1-Trichloroethane	10/20/2009	1	0.19	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,1,2,2-Tetrachloroethane	10/20/2009	1	0.33	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,1,2-Trichloroethane	10/20/2009	1	0.28	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO313-1-09102009	WATER	TB	2513827	1,1-Dichloroethane	10/20/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,1-Dichloroethene	10/20/2009	1	0.24	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,1-Dichloropropene	10/20/2009	1	0.19	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,2,3-Trichlorobenzene	10/20/2009	1.2	0.61	1.2	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,2,3-Trichloropropane	10/20/2009	1.5	0.76	1.5	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,2,4-Trichlorobenzene	10/20/2009	1	0.5	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,2,4-Trimethylbenzene	10/20/2009	1	0.17	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,2-Dibromo-3-chloropropane	10/20/2009	5	1.4	5	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,2-Dibromoethane	10/20/2009	1	0.33	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,2-Dichlorobenzene	10/20/2009	1	0.26	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,2-Dichloroethane	10/20/2009	1	0.4	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,2-Dichloropropane	10/20/2009	1	0.27	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,3,5-Trimethylbenzene	10/20/2009	1	0.22	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,3-Dichlorobenzene	10/20/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,3-Dichloropropane	10/20/2009	1	0.19	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	1,4-Dichlorobenzene	10/20/2009	1	0.24	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	2,2-Dichloropropane	10/20/2009	5	0.32	5	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	2-Butanone	10/20/2009	6	4	6	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	2-Chlorotoluene	10/20/2009	1	0.32	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	2-Hexanone	10/20/2009	5	0.95	5	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	4-Chlorotoluene	10/20/2009	1	0.12	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	4-Methyl-2-Pentanone	10/20/2009	5	0.61	5	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Acetone	10/20/2009	10	5.6	10	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Benzene	10/20/2009	1	0.16	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Bromobenzene	10/20/2009	1	0.27	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Bromochloromethane	10/20/2009	1	0.38	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Bromodichloromethane	10/20/2009	1	0.15	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Bromoform	10/20/2009	1	0.36	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Bromomethane	10/20/2009	2	0.76	2	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Carbon disulfide	10/20/2009	2	0.29	2	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Carbon tetrachloride	10/20/2009	1	0.33	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Chlorobenzene	10/20/2009	1	0.18	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Chloroethane	10/20/2009	2	0.99	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO313-1-09102009	WATER	TB	2513827	Chloroform	10/20/2009	1	0.29	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Chloromethane	10/20/2009	2	0.68	2	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	cis-1,2-Dichloroethene	10/20/2009	1	0.29	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	cis-1,3-Dichloropropene	10/20/2009	1	0.23	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Dibromochloromethane	10/20/2009	1	0.34	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Dibromomethane	10/20/2009	1.1	0.53	1.1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Dichlorodifluoromethane	10/20/2009	2	0.23	2	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Ethylbenzene	10/20/2009	1	0.43	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Hexachlorobutadiene	10/20/2009	1	0.62	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Isopropylbenzene	10/20/2009	1	0.41	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	m,p-Xylene	10/20/2009	2	0.27	2	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Methyl tert-butyl ether (MTBE)	10/20/2009	5	0.26	5	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Methylene chloride	10/20/2009	5	0.52	5	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Naphthalene	10/20/2009	1	0.32	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	n-Butylbenzene	10/20/2009	1	0.22	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	n-Propylbenzene	10/20/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	o-Xylene	10/20/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	p-Isopropyltoluene	10/20/2009	1	0.24	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	sec-Butylbenzene	10/20/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Styrene	10/20/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	tert-Butylbenzene	10/20/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Tetrachloroethene	10/20/2009	1	0.35	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Toluene	10/20/2009	1	0.22	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Trans-1,2-Dichloroethene	10/20/2009	1	0.23	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	trans-1,3-Dichloropropene	10/20/2009	1	0.17	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Trichloroethene	10/20/2009	1	0.42	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Trichlorofluoromethane	10/20/2009	2	0.45	2	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Vinyl Chloride	10/20/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-1-09102009		TB	2513827	Xylenes, Total	10/20/2009	3	0.27	3	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,1,1,2-Tetrachloroethane	10/20/2009	1	0.25	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,1,1-Trichloroethane	10/20/2009	1	0.19	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,1,2,2-Tetrachloroethane	10/20/2009	1	0.33	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,1,2-Trichloroethane	10/20/2009	1	0.28	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO313-2-16102009	WATER	TB	2513902	1,1-Dichloroethane	10/20/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,1-Dichloroethene	10/20/2009	1	0.24	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,1-Dichloropropene	10/20/2009	1	0.19	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,2,3-Trichlorobenzene	10/20/2009	1.2	0.61	1.2	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,2,3-Trichloropropane	10/20/2009	1.5	0.76	1.5	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,2,4-Trichlorobenzene	10/20/2009	1	0.5	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,2,4-Trimethylbenzene	10/20/2009	1	0.17	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,2-Dibromo-3-chloropropane	10/20/2009	5	1.4	5	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,2-Dibromoethane	10/20/2009	1	0.33	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,2-Dichlorobenzene	10/20/2009	1	0.26	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,2-Dichloroethane	10/20/2009	1	0.4	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,2-Dichloropropane	10/20/2009	1	0.27	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,3,5-Trimethylbenzene	10/20/2009	1	0.22	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,3-Dichlorobenzene	10/20/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,3-Dichloropropane	10/20/2009	1	0.19	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	1,4-Dichlorobenzene	10/20/2009	1	0.24	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	2,2-Dichloropropane	10/20/2009	5	0.32	5	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	2-Butanone	10/20/2009	6	4	6	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	2-Chlorotoluene	10/20/2009	1	0.32	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	2-Hexanone	10/20/2009	5	0.95	5	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	4-Chlorotoluene	10/20/2009	1	0.12	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	4-Methyl-2-Pentanone	10/20/2009	5	0.61	5	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Acetone	10/20/2009	10	5.6	10	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Benzene	10/20/2009	1	0.16	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Bromobenzene	10/20/2009	1	0.27	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Bromochloromethane	10/20/2009	1	0.38	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Bromodichloromethane	10/20/2009	1	0.15	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Bromoform	10/20/2009	1	0.36	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Bromomethane	10/20/2009	2	0.76	2	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Carbon disulfide	10/20/2009	2	0.29	2	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Carbon tetrachloride	10/20/2009	1	0.33	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Chlorobenzene	10/20/2009	1	0.18	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Chloroethane	10/20/2009	2	0.99	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO313-2-16102009	WATER	TB	2513902	Chloroform	10/20/2009	1	0.29	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Chloromethane	10/20/2009	2	0.68	2	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	cis-1,2-Dichloroethene	10/20/2009	1	0.29	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	cis-1,3-Dichloropropene	10/20/2009	1	0.23	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Dibromochloromethane	10/20/2009	1	0.34	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Dibromomethane	10/20/2009	1.1	0.53	1.1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Dichlorodifluoromethane	10/20/2009	2	0.23	2	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Ethylbenzene	10/20/2009	1	0.43	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Hexachlorobutadiene	10/20/2009	1	0.62	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Isopropylbenzene	10/20/2009	1	0.41	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	m,p-Xylene	10/20/2009	2	0.27	2	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Methyl tert-butyl ether (MTBE)	10/20/2009	5	0.26	5	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Methylene chloride	10/20/2009	5	0.52	5	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Naphthalene	10/20/2009	1	0.32	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	n-Butylbenzene	10/20/2009	1	0.22	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	n-Propylbenzene	10/20/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	o-Xylene	10/20/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	p-Isopropyltoluene	10/20/2009	1	0.24	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	sec-Butylbenzene	10/20/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Styrene	10/20/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	tert-Butylbenzene	10/20/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Tetrachloroethene	10/20/2009	1	0.35	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Toluene	10/20/2009	1	0.22	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Trans-1,2-Dichloroethene	10/20/2009	1	0.23	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	trans-1,3-Dichloropropene	10/20/2009	1	0.17	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Trichloroethene	10/20/2009	1	0.42	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Trichlorofluoromethane	10/20/2009	2	0.45	2	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Vinyl Chloride	10/20/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-2-16102009		TB	2513902	Xylenes, Total	10/20/2009	3	0.27	3	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,1,1,2-Tetrachloroethane	10/19/2009	1	0.25	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,1,1-Trichloroethane	10/19/2009	1	0.19	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,1,2,2-Tetrachloroethane	10/19/2009	1	0.33	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,1,2-Trichloroethane	10/19/2009	1	0.28	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO313-5-15102009	WATER	TB	2513891	1,1-Dichloroethane	10/19/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,1-Dichloroethene	10/19/2009	1	0.24	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,1-Dichloropropene	10/19/2009	1	0.19	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,2,3-Trichlorobenzene	10/19/2009	1.2	0.61	1.2	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,2,3-Trichloropropane	10/19/2009	1.5	0.76	1.5	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,2,4-Trichlorobenzene	10/19/2009	1	0.5	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,2,4-Trimethylbenzene	10/19/2009	1	0.17	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,2-Dibromo-3-chloropropane	10/19/2009	5	1.4	5	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,2-Dibromoethane	10/19/2009	1	0.33	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,2-Dichlorobenzene	10/19/2009	1	0.26	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,2-Dichloroethane	10/19/2009	1	0.4	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,2-Dichloropropane	10/19/2009	1	0.27	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,3,5-Trimethylbenzene	10/19/2009	1	0.22	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,3-Dichlorobenzene	10/19/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,3-Dichloropropane	10/19/2009	1	0.19	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	1,4-Dichlorobenzene	10/19/2009	1	0.24	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	2,2-Dichloropropane	10/19/2009	5	0.32	5	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	2-Butanone	10/19/2009	6	4	6	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	2-Chlorotoluene	10/19/2009	1	0.32	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	2-Hexanone	10/19/2009	5	0.95	5	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	4-Chlorotoluene	10/19/2009	1	0.12	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	4-Methyl-2-Pentanone	10/19/2009	5	0.61	5	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Acetone	10/19/2009	10	5.6	10	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Benzene	10/19/2009	1	0.16	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Bromobenzene	10/19/2009	1	0.27	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Bromochloromethane	10/19/2009	1	0.38	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Bromodichloromethane	10/19/2009	1	0.15	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Bromoform	10/19/2009	1.4	0.36	1		UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Bromomethane	10/19/2009	2	0.76	2	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Carbon disulfide	10/19/2009	2	0.29	2	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Carbon tetrachloride	10/19/2009	1	0.33	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Chlorobenzene	10/19/2009	1	0.18	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Chloroethane	10/19/2009	2	0.99	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO313-5-15102009	WATER	TB	2513891	Chloroform	10/19/2009	1	0.29	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Chloromethane	10/19/2009	2	0.68	2	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	cis-1,2-Dichloroethene	10/19/2009	1	0.29	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	cis-1,3-Dichloropropene	10/19/2009	1	0.23	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Dibromochloromethane	10/19/2009	1.4	0.34	1		UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Dibromomethane	10/19/2009	1.1	0.53	1.1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Dichlorodifluoromethane	10/19/2009	2	0.23	2	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Ethylbenzene	10/19/2009	1	0.43	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Hexachlorobutadiene	10/19/2009	1	0.62	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Isopropylbenzene	10/19/2009	1	0.41	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	m,p-Xylene	10/19/2009	2	0.27	2	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Methyl tert-butyl ether (MTBE)	10/19/2009	5	0.26	5	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Methylene chloride	10/19/2009	5	0.52	5	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Naphthalene	10/19/2009	1	0.32	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	n-Butylbenzene	10/19/2009	1	0.22	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	n-Propylbenzene	10/19/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	o-Xylene	10/19/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	p-Isopropyltoluene	10/19/2009	1	0.24	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	sec-Butylbenzene	10/19/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Styrene	10/19/2009	1	0.2	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	tert-Butylbenzene	10/19/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Tetrachloroethene	10/19/2009	1	0.35	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Toluene	10/19/2009	1	0.22	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Trans-1,2-Dichloroethene	10/19/2009	1	0.23	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	trans-1,3-Dichloropropene	10/19/2009	1	0.17	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Trichloroethene	10/19/2009	1	0.42	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Trichlorofluoromethane	10/19/2009	2	0.45	2	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Vinyl Chloride	10/19/2009	1	0.28	1	U	UG/L
	ST106-TB-TO313-5-15102009		TB	2513891	Xylenes, Total	10/19/2009	3	0.27	3	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,1,1,2-Tetrachloroethane	1/29/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,1,1-Trichloroethane	1/29/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,1,2,2-Tetrachloroethane	1/29/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,1,2-Trichloroethane	1/29/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-10-22012010	WATER	TB	2514835	1,1-Dichloroethane	1/29/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,1-Dichloroethene	1/29/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,1-Dichloropropene	1/29/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,2,3-Trichlorobenzene	1/29/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,2,3-Trichloropropane	1/29/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,2,4-Trichlorobenzene	1/29/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,2,4-Trimethylbenzene	1/29/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,2-Dibromo-3-chloropropane	1/29/2010	5	1	5	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,2-Dibromoethane	1/29/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,2-Dichlorobenzene	1/29/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,2-Dichloroethane	1/29/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,2-Dichloropropane	1/29/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,3,5-Trimethylbenzene	1/29/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,3-Dichlorobenzene	1/29/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,3-Dichloropropane	1/29/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	1,4-Dichlorobenzene	1/29/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	2,2-Dichloropropane	1/29/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	2-Butanone	1/29/2010	6	2	6	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	2-Chlorotoluene	1/29/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	2-Hexanone	1/29/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	4-Chlorotoluene	1/29/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	4-Methyl-2-Pentanone	1/29/2010	5	1	5	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Acetone	1/29/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Benzene	1/29/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Bromobenzene	1/29/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Bromochloromethane	1/29/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Bromodichloromethane	1/29/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Bromoform	1/29/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Bromomethane	1/29/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Carbon disulfide	1/29/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Carbon tetrachloride	1/29/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Chlorobenzene	1/29/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Chloroethane	1/29/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-10-22012010	WATER	TB	2514835	Chloroform	1/29/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Chloromethane	1/29/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	cis-1,2-Dichloroethene	1/29/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	cis-1,3-Dichloropropene	1/29/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Dibromochloromethane	1/29/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Dibromomethane	1/29/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Dichlorodifluoromethane	1/29/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Ethylbenzene	1/29/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Hexachlorobutadiene	1/29/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Isopropylbenzene	1/29/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	m,p-Xylene	1/29/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Methyl tert-butyl ether (MTBE)	1/29/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Methylene chloride	1/29/2010	1.3	0.66	5	J	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Naphthalene	1/29/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	n-Butylbenzene	1/29/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	n-Propylbenzene	1/29/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	o-Xylene	1/29/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	p-Isopropyltoluene	1/29/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	sec-Butylbenzene	1/29/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Styrene	1/29/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	tert-Butylbenzene	1/29/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Tetrachloroethene	1/29/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Toluene	1/29/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Trans-1,2-Dichloroethene	1/29/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	trans-1,3-Dichloropropene	1/29/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Trichloroethene	1/29/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Trichlorofluoromethane	1/29/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Vinyl Chloride	1/29/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-10-22012010		TB	2514835	Xylenes, Total	1/29/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,1,1,2-Tetrachloroethane	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,1,1-Trichloroethane	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,1,2,2-Tetrachloroethane	2/4/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,1,2-Trichloroethane	2/4/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-11-25012010	WATER	TB	2514859	1,1-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,1-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,1-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,2,3-Trichlorobenzene	2/4/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,2,3-Trichloropropane	2/4/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,2,4-Trichlorobenzene	2/4/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,2,4-Trimethylbenzene	2/4/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,2-Dibromo-3-chloropropane	2/4/2010	5	1	5	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,2-Dibromoethane	2/4/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,2-Dichlorobenzene	2/4/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,2-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,2-Dichloropropane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,3,5-Trimethylbenzene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,3-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,3-Dichloropropane	2/4/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	1,4-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	2,2-Dichloropropane	2/4/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	2-Butanone	2/4/2010	6	2	6	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	2-Chlorotoluene	2/4/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	2-Hexanone	2/4/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	4-Chlorotoluene	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	4-Methyl-2-Pentanone	2/4/2010	5	1	5	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Acetone	2/4/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Benzene	2/4/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Bromobenzene	2/4/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Bromochloromethane	2/4/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Bromodichloromethane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Bromoform	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Bromomethane	2/4/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Carbon disulfide	2/4/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Carbon tetrachloride	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Chlorobenzene	2/4/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Chloroethane	2/4/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-11-25012010	WATER	TB	2514859	Chloroform	2/4/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Chloromethane	2/4/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	cis-1,2-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	cis-1,3-Dichloropropene	2/4/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Dibromochloromethane	2/4/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Dibromomethane	2/4/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Dichlorodifluoromethane	2/4/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Ethylbenzene	2/4/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Hexachlorobutadiene	2/4/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Isopropylbenzene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	m,p-Xylene	2/4/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Methyl tert-butyl ether (MTBE)	2/4/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Methylene chloride	2/4/2010	5	0.66	5	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Naphthalene	2/4/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	n-Butylbenzene	2/4/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	n-Propylbenzene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	o-Xylene	2/4/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	p-Isopropyltoluene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	sec-Butylbenzene	2/4/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Styrene	2/4/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	tert-Butylbenzene	2/4/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Tetrachloroethene	2/4/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Toluene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Trans-1,2-Dichloroethene	2/4/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	trans-1,3-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Trichloroethene	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Trichlorofluoromethane	2/4/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Vinyl Chloride	2/4/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-11-25012010		TB	2514859	Xylenes, Total	2/4/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,1,1,2-Tetrachloroethane	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,1,1-Trichloroethane	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,1,2,2-Tetrachloroethane	2/4/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,1,2-Trichloroethane	2/4/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-12-26012010	WATER	TB	2514863	1,1-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,1-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,1-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,2,3-Trichlorobenzene	2/4/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,2,3-Trichloropropane	2/4/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,2,4-Trichlorobenzene	2/4/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,2,4-Trimethylbenzene	2/4/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,2-Dibromo-3-chloropropane	2/4/2010	5	1	5	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,2-Dibromoethane	2/4/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,2-Dichlorobenzene	2/4/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,2-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,2-Dichloropropane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,3,5-Trimethylbenzene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,3-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,3-Dichloropropane	2/4/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	1,4-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	2,2-Dichloropropane	2/4/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	2-Butanone	2/4/2010	6	2	6	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	2-Chlorotoluene	2/4/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	2-Hexanone	2/4/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	4-Chlorotoluene	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	4-Methyl-2-Pentanone	2/4/2010	5	1	5	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Acetone	2/4/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Benzene	2/4/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Bromobenzene	2/4/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Bromochloromethane	2/4/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Bromodichloromethane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Bromoform	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Bromomethane	2/4/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Carbon disulfide	2/4/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Carbon tetrachloride	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Chlorobenzene	2/4/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Chloroethane	2/4/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-12-26012010	WATER	TB	2514863	Chloroform	2/4/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Chloromethane	2/4/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	cis-1,2-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	cis-1,3-Dichloropropene	2/4/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Dibromochloromethane	2/4/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Dibromomethane	2/4/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Dichlorodifluoromethane	2/4/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Ethylbenzene	2/4/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Hexachlorobutadiene	2/4/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Isopropylbenzene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	m,p-Xylene	2/4/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Methyl tert-butyl ether (MTBE)	2/4/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Methylene chloride	2/4/2010	5	0.66	5	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Naphthalene	2/4/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	n-Butylbenzene	2/4/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	n-Propylbenzene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	o-Xylene	2/4/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	p-Isopropyltoluene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	sec-Butylbenzene	2/4/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Styrene	2/4/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	tert-Butylbenzene	2/4/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Tetrachloroethene	2/4/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Toluene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Trans-1,2-Dichloroethene	2/4/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	trans-1,3-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Trichloroethene	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Trichlorofluoromethane	2/4/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Vinyl Chloride	2/4/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-12-26012010		TB	2514863	Xylenes, Total	2/4/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,1,1,2-Tetrachloroethane	2/5/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,1,1-Trichloroethane	2/5/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,1,2,2-Tetrachloroethane	2/5/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,1,2-Trichloroethane	2/5/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-13-27012010	WATER	TB	2514878	1,1-Dichloroethane	2/5/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,1-Dichloroethene	2/5/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,1-Dichloropropene	2/5/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,2,3-Trichlorobenzene	2/5/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,2,3-Trichloropropane	2/5/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,2,4-Trichlorobenzene	2/5/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,2,4-Trimethylbenzene	2/5/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,2-Dibromo-3-chloropropane	2/5/2010	5	1	5	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,2-Dibromoethane	2/5/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,2-Dichlorobenzene	2/5/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,2-Dichloroethane	2/5/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,2-Dichloropropane	2/5/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,3,5-Trimethylbenzene	2/5/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,3-Dichlorobenzene	2/5/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,3-Dichloropropane	2/5/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	1,4-Dichlorobenzene	2/5/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	2,2-Dichloropropane	2/5/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	2-Butanone	2/5/2010	6	2	6	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	2-Chlorotoluene	2/5/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	2-Hexanone	2/5/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	4-Chlorotoluene	2/5/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	4-Methyl-2-Pentanone	2/5/2010	5	1	5	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Acetone	2/5/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Benzene	2/5/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Bromobenzene	2/5/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Bromochloromethane	2/5/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Bromodichloromethane	2/5/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Bromoform	2/5/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Bromomethane	2/5/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Carbon disulfide	2/5/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Carbon tetrachloride	2/5/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Chlorobenzene	2/5/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Chloroethane	2/5/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-13-27012010	WATER	TB	2514878	Chloroform	2/5/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Chloromethane	2/5/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	cis-1,2-Dichloroethene	2/5/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	cis-1,3-Dichloropropene	2/5/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Dibromochloromethane	2/5/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Dibromomethane	2/5/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Dichlorodifluoromethane	2/5/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Ethylbenzene	2/5/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Hexachlorobutadiene	2/5/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Isopropylbenzene	2/5/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	m,p-Xylene	2/5/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Methyl tert-butyl ether (MTBE)	2/5/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Methylene chloride	2/5/2010	5	0.66	5	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Naphthalene	2/5/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	n-Butylbenzene	2/5/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	n-Propylbenzene	2/5/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	o-Xylene	2/5/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	p-Isopropyltoluene	2/5/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	sec-Butylbenzene	2/5/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Styrene	2/5/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	tert-Butylbenzene	2/5/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Tetrachloroethene	2/5/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Toluene	2/5/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Trans-1,2-Dichloroethene	2/5/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	trans-1,3-Dichloropropene	2/5/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Trichloroethene	2/5/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Trichlorofluoromethane	2/5/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Vinyl Chloride	2/5/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-13-27012010		TB	2514878	Xylenes, Total	2/5/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,1,1,2-Tetrachloroethane	1/31/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,1,1-Trichloroethane	1/31/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,1,2,2-Tetrachloroethane	1/31/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,1,2-Trichloroethane	1/31/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-20012010	WATER	TB	2514809	1,1-Dichloroethane	1/31/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,1-Dichloroethene	1/31/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,1-Dichloropropene	1/31/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,2,3-Trichlorobenzene	1/31/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,2,3-Trichloropropane	1/31/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,2,4-Trichlorobenzene	1/31/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,2,4-Trimethylbenzene	1/31/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,2-Dibromo-3-chloropropane	1/31/2010	5	1	5	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,2-Dibromoethane	1/31/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,2-Dichlorobenzene	1/31/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,2-Dichloroethane	1/31/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,2-Dichloropropane	1/31/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,3,5-Trimethylbenzene	1/31/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,3-Dichlorobenzene	1/31/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,3-Dichloropropane	1/31/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	1,4-Dichlorobenzene	1/31/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	2,2-Dichloropropane	1/31/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	2-Butanone	1/31/2010	6	2	6	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	2-Chlorotoluene	1/31/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	2-Hexanone	1/31/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	4-Chlorotoluene	1/31/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	4-Methyl-2-Pentanone	1/31/2010	5	1	5	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Acetone	1/31/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Benzene	1/31/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Bromobenzene	1/31/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Bromochloromethane	1/31/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Bromodichloromethane	1/31/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Bromoform	1/31/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Bromomethane	1/31/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Carbon disulfide	1/31/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Carbon tetrachloride	1/31/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Chlorobenzene	1/31/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Chloroethane	1/31/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-20012010	WATER	TB	2514809	Chloroform	1/31/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Chloromethane	1/31/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	cis-1,2-Dichloroethene	1/31/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	cis-1,3-Dichloropropene	1/31/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Dibromochloromethane	1/31/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Dibromomethane	1/31/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Dichlorodifluoromethane	1/31/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Ethylbenzene	1/31/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Hexachlorobutadiene	1/31/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Isopropylbenzene	1/31/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	m,p-Xylene	1/31/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Methyl tert-butyl ether (MTBE)	1/31/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Methylene chloride	1/31/2010	1	0.66	5	J	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Naphthalene	1/31/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	n-Butylbenzene	1/31/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	n-Propylbenzene	1/31/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	o-Xylene	1/31/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	p-Isopropyltoluene	1/31/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	sec-Butylbenzene	1/31/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Styrene	1/31/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	tert-Butylbenzene	1/31/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Tetrachloroethene	1/31/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Toluene	1/31/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Trans-1,2-Dichloroethene	1/31/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	trans-1,3-Dichloropropene	1/31/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Trichloroethene	1/31/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Trichlorofluoromethane	1/31/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Vinyl Chloride	1/31/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-20012010		TB	2514809	Xylenes, Total	1/31/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,1,1,2-Tetrachloroethane	1/15/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,1,1-Trichloroethane	1/15/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,1,2,2-Tetrachloroethane	1/15/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,1,2-Trichloroethane	1/15/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-2-12012010	WATER	TB	2514700	1,1-Dichloroethane	1/15/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,1-Dichloroethene	1/15/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,1-Dichloropropene	1/15/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,2,3-Trichlorobenzene	1/15/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,2,3-Trichloropropane	1/15/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,2,4-Trichlorobenzene	1/15/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,2,4-Trimethylbenzene	1/15/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,2-Dibromo-3-chloropropane	1/15/2010	5	1	5	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,2-Dibromoethane	1/15/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,2-Dichlorobenzene	1/15/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,2-Dichloroethane	1/15/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,2-Dichloropropane	1/15/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,3,5-Trimethylbenzene	1/15/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,3-Dichlorobenzene	1/15/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,3-Dichloropropane	1/15/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	1,4-Dichlorobenzene	1/15/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	2,2-Dichloropropane	1/15/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	2-Butanone	1/15/2010	6	2	6	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	2-Chlorotoluene	1/15/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	2-Hexanone	1/15/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	4-Chlorotoluene	1/15/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	4-Methyl-2-Pentanone	1/15/2010	5	1	5	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Acetone	1/15/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Benzene	1/15/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Bromobenzene	1/15/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Bromochloromethane	1/15/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Bromodichloromethane	1/15/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Bromoform	1/15/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Bromomethane	1/15/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Carbon disulfide	1/15/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Carbon tetrachloride	1/15/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Chlorobenzene	1/15/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Chloroethane	1/15/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-2-12012010	WATER	TB	2514700	Chloroform	1/15/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Chloromethane	1/15/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	cis-1,2-Dichloroethene	1/15/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	cis-1,3-Dichloropropene	1/15/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Dibromochloromethane	1/15/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Dibromomethane	1/15/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Dichlorodifluoromethane	1/15/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Ethylbenzene	1/15/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Hexachlorobutadiene	1/15/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Isopropylbenzene	1/15/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	m,p-Xylene	1/15/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Methyl tert-butyl ether (MTBE)	1/15/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Methylene chloride	1/15/2010	5	0.66	5	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Naphthalene	1/15/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	n-Butylbenzene	1/15/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	n-Propylbenzene	1/15/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	o-Xylene	1/15/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	p-Isopropyltoluene	1/15/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	sec-Butylbenzene	1/15/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Styrene	1/15/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	tert-Butylbenzene	1/15/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Tetrachloroethene	1/15/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Toluene	1/15/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Trans-1,2-Dichloroethene	1/15/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	trans-1,3-Dichloropropene	1/15/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Trichloroethene	1/15/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Trichlorofluoromethane	1/15/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Vinyl Chloride	1/15/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-2-12012010		TB	2514700	Xylenes, Total	1/15/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,1,1,2-Tetrachloroethane	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,1,1-Trichloroethane	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,1,2,2-Tetrachloroethane	2/4/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,1,2-Trichloroethane	2/4/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-28012010	WATER	TB	2514890	1,1-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,1-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,1-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,2,3-Trichlorobenzene	2/4/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,2,3-Trichloropropane	2/4/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,2,4-Trichlorobenzene	2/4/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,2,4-Trimethylbenzene	2/4/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,2-Dibromo-3-chloropropane	2/4/2010	5	1	5	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,2-Dibromoethane	2/4/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,2-Dichlorobenzene	2/4/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,2-Dichloroethane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,2-Dichloropropane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,3,5-Trimethylbenzene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,3-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,3-Dichloropropane	2/4/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	1,4-Dichlorobenzene	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	2,2-Dichloropropane	2/4/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	2-Butanone	2/4/2010	6	2	6	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	2-Chlorotoluene	2/4/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	2-Hexanone	2/4/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	4-Chlorotoluene	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	4-Methyl-2-Pentanone	2/4/2010	5	1	5	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Acetone	2/4/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Benzene	2/4/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Bromobenzene	2/4/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Bromochloromethane	2/4/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Bromodichloromethane	2/4/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Bromoform	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Bromomethane	2/4/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Carbon disulfide	2/4/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Carbon tetrachloride	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Chlorobenzene	2/4/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Chloroethane	2/4/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-28012010	WATER	TB	2514890	Chloroform	2/4/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Chloromethane	2/4/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	cis-1,2-Dichloroethene	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	cis-1,3-Dichloropropene	2/4/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Dibromochloromethane	2/4/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Dibromomethane	2/4/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Dichlorodifluoromethane	2/4/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Ethylbenzene	2/4/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Hexachlorobutadiene	2/4/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Isopropylbenzene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	m,p-Xylene	2/4/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Methyl tert-butyl ether (MTBE)	2/4/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Methylene chloride	2/4/2010	5	0.66	5	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Naphthalene	2/4/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	n-Butylbenzene	2/4/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	n-Propylbenzene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	o-Xylene	2/4/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	p-Isopropyltoluene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	sec-Butylbenzene	2/4/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Styrene	2/4/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	tert-Butylbenzene	2/4/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Tetrachloroethene	2/4/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Toluene	2/4/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Trans-1,2-Dichloroethene	2/4/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	trans-1,3-Dichloropropene	2/4/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Trichloroethene	2/4/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Trichlorofluoromethane	2/4/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Vinyl Chloride	2/4/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-28012010		TB	2514890	Xylenes, Total	2/4/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,1,1,2-Tetrachloroethane	1/19/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,1,1-Trichloroethane	1/19/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,1,2,2-Tetrachloroethane	1/19/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,1,2-Trichloroethane	1/19/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-3-13012010	WATER	TB	2514717	1,1-Dichloroethane	1/19/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,1-Dichloroethene	1/19/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,1-Dichloropropene	1/19/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,2,3-Trichlorobenzene	1/19/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,2,3-Trichloropropane	1/19/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,2,4-Trichlorobenzene	1/19/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,2,4-Trimethylbenzene	1/19/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,2-Dibromo-3-chloropropane	1/19/2010	5	1	5	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,2-Dibromoethane	1/19/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,2-Dichlorobenzene	1/19/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,2-Dichloroethane	1/19/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,2-Dichloropropane	1/19/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,3,5-Trimethylbenzene	1/19/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,3-Dichlorobenzene	1/19/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,3-Dichloropropane	1/19/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	1,4-Dichlorobenzene	1/19/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	2,2-Dichloropropane	1/19/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	2-Butanone	1/19/2010	6	2	6	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	2-Chlorotoluene	1/19/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	2-Hexanone	1/19/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	4-Chlorotoluene	1/19/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	4-Methyl-2-Pentanone	1/19/2010	5	1	5	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Acetone	1/19/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Benzene	1/19/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Bromobenzene	1/19/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Bromochloromethane	1/19/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Bromodichloromethane	1/19/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Bromoform	1/19/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Bromomethane	1/19/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Carbon disulfide	1/19/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Carbon tetrachloride	1/19/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Chlorobenzene	1/19/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Chloroethane	1/19/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-3-13012010	WATER	TB	2514717	Chloroform	1/19/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Chloromethane	1/19/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	cis-1,2-Dichloroethene	1/19/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	cis-1,3-Dichloropropene	1/19/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Dibromochloromethane	1/19/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Dibromomethane	1/19/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Dichlorodifluoromethane	1/19/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Ethylbenzene	1/19/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Hexachlorobutadiene	1/19/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Isopropylbenzene	1/19/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	m,p-Xylene	1/19/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Methyl tert-butyl ether (MTBE)	1/19/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Methylene chloride	1/19/2010	0.71	0.66	5	J	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Naphthalene	1/19/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	n-Butylbenzene	1/19/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	n-Propylbenzene	1/19/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	o-Xylene	1/19/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	p-Isopropyltoluene	1/19/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	sec-Butylbenzene	1/19/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Styrene	1/19/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	tert-Butylbenzene	1/19/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Tetrachloroethene	1/19/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Toluene	1/19/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Trans-1,2-Dichloroethene	1/19/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	trans-1,3-Dichloropropene	1/19/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Trichloroethene	1/19/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Trichlorofluoromethane	1/19/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Vinyl Chloride	1/19/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-3-13012010		TB	2514717	Xylenes, Total	1/19/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,1,1,2-Tetrachloroethane	1/18/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,1,1-Trichloroethane	1/18/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,1,2,2-Tetrachloroethane	1/18/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,1,2-Trichloroethane	1/18/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-4-14012010	WATER	TB	2514737	1,1-Dichloroethane	1/18/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,1-Dichloroethene	1/18/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,1-Dichloropropene	1/18/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,2,3-Trichlorobenzene	1/18/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,2,3-Trichloropropane	1/18/2010	1.5	0.35	1.5	R	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,2,4-Trichlorobenzene	1/18/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,2,4-Trimethylbenzene	1/18/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,2-Dibromo-3-chloropropane	1/18/2010	5	1	5	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,2-Dibromoethane	1/18/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,2-Dichlorobenzene	1/18/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,2-Dichloroethane	1/18/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,2-Dichloropropane	1/18/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,3,5-Trimethylbenzene	1/18/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,3-Dichlorobenzene	1/18/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,3-Dichloropropane	1/18/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	1,4-Dichlorobenzene	1/18/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	2,2-Dichloropropane	1/18/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	2-Butanone	1/18/2010	6	2	6	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	2-Chlorotoluene	1/18/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	2-Hexanone	1/18/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	4-Chlorotoluene	1/18/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	4-Methyl-2-Pentanone	1/18/2010	5	1	5	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Acetone	1/18/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Benzene	1/18/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Bromobenzene	1/18/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Bromochloromethane	1/18/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Bromodichloromethane	1/18/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Bromoform	1/18/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Bromomethane	1/18/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Carbon disulfide	1/18/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Carbon tetrachloride	1/18/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Chlorobenzene	1/18/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Chloroethane	1/18/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-4-14012010	WATER	TB	2514737	Chloroform	1/18/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Chloromethane	1/18/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	cis-1,2-Dichloroethene	1/18/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	cis-1,3-Dichloropropene	1/18/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Dibromochloromethane	1/18/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Dibromomethane	1/18/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Dichlorodifluoromethane	1/18/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Ethylbenzene	1/18/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Hexachlorobutadiene	1/18/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Isopropylbenzene	1/18/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	m,p-Xylene	1/18/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Methyl tert-butyl ether (MTBE)	1/18/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Methylene chloride	1/18/2010	5	0.66	5	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Naphthalene	1/18/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	n-Butylbenzene	1/18/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	n-Propylbenzene	1/18/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	o-Xylene	1/18/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	p-Isopropyltoluene	1/18/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	sec-Butylbenzene	1/18/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Styrene	1/18/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	tert-Butylbenzene	1/18/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Tetrachloroethene	1/18/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Toluene	1/18/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Trans-1,2-Dichloroethene	1/18/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	trans-1,3-Dichloropropene	1/18/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Trichloroethene	1/18/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Trichlorofluoromethane	1/18/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Vinyl Chloride	1/18/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-4-14012010		TB	2514737	Xylenes, Total	1/18/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,1,1,2-Tetrachloroethane	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,1,1-Trichloroethane	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,1,2,2-Tetrachloroethane	1/21/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,1,2-Trichloroethane	1/21/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-5-18012010	WATER	TB	2514777	1,1-Dichloroethane	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,1-Dichloroethene	1/21/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,1-Dichloropropene	1/21/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,2,3-Trichlorobenzene	1/21/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,2,3-Trichloropropane	1/21/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,2,4-Trichlorobenzene	1/21/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,2,4-Trimethylbenzene	1/21/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,2-Dibromo-3-chloropropane	1/21/2010	5	1	5	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,2-Dibromoethane	1/21/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,2-Dichlorobenzene	1/21/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,2-Dichloroethane	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,2-Dichloropropane	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,3,5-Trimethylbenzene	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,3-Dichlorobenzene	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,3-Dichloropropane	1/21/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	1,4-Dichlorobenzene	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	2,2-Dichloropropane	1/21/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	2-Butanone	1/21/2010	6	2	6	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	2-Chlorotoluene	1/21/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	2-Hexanone	1/21/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	4-Chlorotoluene	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	4-Methyl-2-Pentanone	1/21/2010	5	1	5	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Acetone	1/21/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Benzene	1/21/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Bromobenzene	1/21/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Bromochloromethane	1/21/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Bromodichloromethane	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Bromoform	1/21/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Bromomethane	1/21/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Carbon disulfide	1/21/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Carbon tetrachloride	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Chlorobenzene	1/21/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Chloroethane	1/21/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-5-18012010	WATER	TB	2514777	Chloroform	1/21/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Chloromethane	1/21/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	cis-1,2-Dichloroethene	1/21/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	cis-1,3-Dichloropropene	1/21/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Dibromochloromethane	1/21/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Dibromomethane	1/21/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Dichlorodifluoromethane	1/21/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Ethylbenzene	1/21/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Hexachlorobutadiene	1/21/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Isopropylbenzene	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	m,p-Xylene	1/21/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Methyl tert-butyl ether (MTBE)	1/21/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Methylene chloride	1/21/2010	2	0.66	5	J	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Naphthalene	1/21/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	n-Butylbenzene	1/21/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	n-Propylbenzene	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	o-Xylene	1/21/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	p-Isopropyltoluene	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	sec-Butylbenzene	1/21/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Styrene	1/21/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	tert-Butylbenzene	1/21/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Tetrachloroethene	1/21/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Toluene	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Trans-1,2-Dichloroethene	1/21/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	trans-1,3-Dichloropropene	1/21/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Trichloroethene	1/21/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Trichlorofluoromethane	1/21/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Vinyl Chloride	1/21/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-5-18012010		TB	2514777	Xylenes, Total	1/21/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,1,1,2-Tetrachloroethane	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,1,1-Trichloroethane	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,1,2,2-Tetrachloroethane	1/21/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,1,2-Trichloroethane	1/21/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-6-19012010	WATER	TB	2514801	1,1-Dichloroethane	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,1-Dichloroethene	1/21/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,1-Dichloropropene	1/21/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,2,3-Trichlorobenzene	1/21/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,2,3-Trichloropropane	1/21/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,2,4-Trichlorobenzene	1/21/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,2,4-Trimethylbenzene	1/21/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,2-Dibromo-3-chloropropane	1/21/2010	5	1	5	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,2-Dibromoethane	1/21/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,2-Dichlorobenzene	1/21/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,2-Dichloroethane	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,2-Dichloropropane	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,3,5-Trimethylbenzene	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,3-Dichlorobenzene	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,3-Dichloropropane	1/21/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	1,4-Dichlorobenzene	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	2,2-Dichloropropane	1/21/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	2-Butanone	1/21/2010	6	2	6	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	2-Chlorotoluene	1/21/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	2-Hexanone	1/21/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	4-Chlorotoluene	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	4-Methyl-2-Pentanone	1/21/2010	5	1	5	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Acetone	1/21/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Benzene	1/21/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Bromobenzene	1/21/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Bromochloromethane	1/21/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Bromodichloromethane	1/21/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Bromoform	1/21/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Bromomethane	1/21/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Carbon disulfide	1/21/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Carbon tetrachloride	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Chlorobenzene	1/21/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Chloroethane	1/21/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-6-19012010	WATER	TB	2514801	Chloroform	1/21/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Chloromethane	1/21/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	cis-1,2-Dichloroethene	1/21/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	cis-1,3-Dichloropropene	1/21/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Dibromochloromethane	1/21/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Dibromomethane	1/21/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Dichlorodifluoromethane	1/21/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Ethylbenzene	1/21/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Hexachlorobutadiene	1/21/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Isopropylbenzene	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	m,p-Xylene	1/21/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Methyl tert-butyl ether (MTBE)	1/21/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Methylene chloride	1/21/2010	0.87	0.66	5	J	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Naphthalene	1/21/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	n-Butylbenzene	1/21/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	n-Propylbenzene	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	o-Xylene	1/21/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	p-Isopropyltoluene	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	sec-Butylbenzene	1/21/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Styrene	1/21/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	tert-Butylbenzene	1/21/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Tetrachloroethene	1/21/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Toluene	1/21/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Trans-1,2-Dichloroethene	1/21/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	trans-1,3-Dichloropropene	1/21/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Trichloroethene	1/21/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Trichlorofluoromethane	1/21/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Vinyl Chloride	1/21/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-6-19012010		TB	2514801	Xylenes, Total	1/21/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,1,1,2-Tetrachloroethane	1/28/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,1,1-Trichloroethane	1/28/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,1,2,2-Tetrachloroethane	1/28/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,1,2-Trichloroethane	1/28/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-8-21012010	WATER	TB	2514824	1,1-Dichloroethane	1/28/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,1-Dichloroethene	1/28/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,1-Dichloropropene	1/28/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,2,3-Trichlorobenzene	1/28/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,2,3-Trichloropropane	1/28/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,2,4-Trichlorobenzene	1/28/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,2,4-Trimethylbenzene	1/28/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,2-Dibromo-3-chloropropane	1/28/2010	5	1	5	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,2-Dibromoethane	1/28/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,2-Dichlorobenzene	1/28/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,2-Dichloroethane	1/28/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,2-Dichloropropane	1/28/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,3,5-Trimethylbenzene	1/28/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,3-Dichlorobenzene	1/28/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,3-Dichloropropane	1/28/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	1,4-Dichlorobenzene	1/28/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	2,2-Dichloropropane	1/28/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	2-Butanone	1/28/2010	6	2	6	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	2-Chlorotoluene	1/28/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	2-Hexanone	1/28/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	4-Chlorotoluene	1/28/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	4-Methyl-2-Pentanone	1/28/2010	5	1	5	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Acetone	1/28/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Benzene	1/28/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Bromobenzene	1/28/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Bromochloromethane	1/28/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Bromodichloromethane	1/28/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Bromoform	1/28/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Bromomethane	1/28/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Carbon disulfide	1/28/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Carbon tetrachloride	1/28/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Chlorobenzene	1/28/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Chloroethane	1/28/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-8-21012010	WATER	TB	2514824	Chloroform	1/28/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Chloromethane	1/28/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	cis-1,2-Dichloroethene	1/28/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	cis-1,3-Dichloropropene	1/28/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Dibromochloromethane	1/28/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Dibromomethane	1/28/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Dichlorodifluoromethane	1/28/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Ethylbenzene	1/28/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Hexachlorobutadiene	1/28/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Isopropylbenzene	1/28/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	m,p-Xylene	1/28/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Methyl tert-butyl ether (MTBE)	1/28/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Methylene chloride	1/28/2010	0.94	0.66	5	J	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Naphthalene	1/28/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	n-Butylbenzene	1/28/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	n-Propylbenzene	1/28/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	o-Xylene	1/28/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	p-Isopropyltoluene	1/28/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	sec-Butylbenzene	1/28/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Styrene	1/28/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	tert-Butylbenzene	1/28/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Tetrachloroethene	1/28/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Toluene	1/28/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Trans-1,2-Dichloroethene	1/28/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	trans-1,3-Dichloropropene	1/28/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Trichloroethene	1/28/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Trichlorofluoromethane	1/28/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Vinyl Chloride	1/28/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-8-21012010		TB	2514824	Xylenes, Total	1/28/2010	3	0.5	3	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,1,1,2-Tetrachloroethane	2/1/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,1,1-Trichloroethane	2/1/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,1,2,2-Tetrachloroethane	2/1/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,1,2-Trichloroethane	2/1/2010	1	0.2	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-9-21012010	WATER	TB	2514823	1,1-Dichloroethane	2/1/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,1-Dichloroethene	2/1/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,1-Dichloropropene	2/1/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,2,3-Trichlorobenzene	2/1/2010	1.2	0.16	1.2	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,2,3-Trichloropropane	2/1/2010	1.5	0.35	1.5	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,2,4-Trichlorobenzene	2/1/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,2,4-Trimethylbenzene	2/1/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,2-Dibromo-3-chloropropane	2/1/2010	5	1	5	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,2-Dibromoethane	2/1/2010	1	0.11	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,2-Dichlorobenzene	2/1/2010	1	0.077	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,2-Dichloroethane	2/1/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,2-Dichloropropane	2/1/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,3,5-Trimethylbenzene	2/1/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,3-Dichlorobenzene	2/1/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,3-Dichloropropane	2/1/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	1,4-Dichlorobenzene	2/1/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	2,2-Dichloropropane	2/1/2010	5	0.17	5	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	2-Butanone	2/1/2010	6	2	6	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	2-Chlorotoluene	2/1/2010	1	0.072	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	2-Hexanone	2/1/2010	5	0.48	5	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	4-Chlorotoluene	2/1/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	4-Methyl-2-Pentanone	2/1/2010	5	1	5	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Acetone	2/1/2010	10	1.3	10	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Benzene	2/1/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Bromobenzene	2/1/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Bromochloromethane	2/1/2010	1	0.17	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Bromodichloromethane	2/1/2010	1	0.15	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Bromoform	2/1/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Bromomethane	2/1/2010	2	0.43	2	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Carbon disulfide	2/1/2010	2	0.19	2	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Carbon tetrachloride	2/1/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Chlorobenzene	2/1/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Chloroethane	2/1/2010	2	0.72	2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8260B											
	ST106-TB-TO96-9-21012010	WATER	TB	2514823	Chloroform	2/1/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Chloromethane	2/1/2010	2	0.32	2	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	cis-1,2-Dichloroethene	2/1/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	cis-1,3-Dichloropropene	2/1/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Dibromochloromethane	2/1/2010	1	0.13	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Dibromomethane	2/1/2010	1.1	0.11	1.1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Dichlorodifluoromethane	2/1/2010	2	0.17	2	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Ethylbenzene	2/1/2010	1	0.22	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Hexachlorobutadiene	2/1/2010	1	0.36	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Isopropylbenzene	2/1/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	m,p-Xylene	2/1/2010	2	0.23	2	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Methyl tert-butyl ether (MTBE)	2/1/2010	5	0.16	5	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Methylene chloride	2/1/2010	5	0.66	5	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Naphthalene	2/1/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	n-Butylbenzene	2/1/2010	1	0.16	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	n-Propylbenzene	2/1/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	o-Xylene	2/1/2010	1	0.5	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	p-Isopropyltoluene	2/1/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	sec-Butylbenzene	2/1/2010	1	0.1	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Styrene	2/1/2010	1	0.12	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	tert-Butylbenzene	2/1/2010	1	0.2	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Tetrachloroethene	2/1/2010	1	0.21	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Toluene	2/1/2010	1	0.14	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Trans-1,2-Dichloroethene	2/1/2010	1	0.33	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	trans-1,3-Dichloropropene	2/1/2010	1	0.3	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Trichloroethene	2/1/2010	1	0.19	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Trichlorofluoromethane	2/1/2010	2	0.12	2	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Vinyl Chloride	2/1/2010	1	0.18	1	U	UG/L
	ST106-TB-TO96-9-21012010		TB	2514823	Xylenes, Total	2/1/2010	3	0.5	3	U	UG/L
SW8270C											
	478BLK	WATER	LB	2514801	1,2-Dichlorobenzene	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514777	1,2-Dichlorobenzene	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514777	1,2-Diphenylhydrazine	2/2/2010	10	3.1	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	478BLK	WATER	LB	2514801	1,2-Diphenylhydrazine	2/2/2010	10	3.1	10	U	UG/L
	478BLK		LB	2514801	1,3-Dinitrobenzene	2/2/2010	10	2.5	10	R	UG/L
	478BLK		LB	2514777	1,3-Dinitrobenzene	2/2/2010	10	2.5	10	R	UG/L
	478BLK		LB	2514777	2,4,5-Trichlorophenol	2/2/2010	20	3.4	20	U	UG/L
	478BLK		LB	2514801	2,4,5-Trichlorophenol	2/2/2010	20	3.4	20	U	UG/L
	478BLK		LB	2514777	2,4,6-Trichlorophenol	2/2/2010	20	0.84	20	U	UG/L
	478BLK		LB	2514801	2,4,6-Trichlorophenol	2/2/2010	20	0.84	20	U	UG/L
	478BLK		LB	2514777	2,4-Dichlorophenol	2/2/2010	10	3.1	10	U	UG/L
	478BLK		LB	2514801	2,4-Dichlorophenol	2/2/2010	10	3.1	10	U	UG/L
	478BLK		LB	2514777	2,4-Dimethylphenol	2/2/2010	10	2.3	10	U	UG/L
	478BLK		LB	2514801	2,4-Dimethylphenol	2/2/2010	10	2.3	10	U	UG/L
	478BLK		LB	2514777	2,4-Dinitrophenol	2/2/2010	60	5.6	60	U	UG/L
	478BLK		LB	2514801	2,4-Dinitrophenol	2/2/2010	60	5.6	60	U	UG/L
	478BLK		LB	2514801	2,4-Dinitrotoluene	2/2/2010	20	2.8	20	U	UG/L
	478BLK		LB	2514777	2,4-Dinitrotoluene	2/2/2010	20	2.8	20	U	UG/L
	478BLK		LB	2514801	2,6-Dinitrotoluene	2/2/2010	20	2.8	20	U	UG/L
	478BLK		LB	2514777	2,6-Dinitrotoluene	2/2/2010	20	2.8	20	U	UG/L
	478BLK		LB	2514801	2-Chloronaphthalene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514777	2-Chloronaphthalene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514801	2-Chlorophenol	2/2/2010	10	2.9	10	U	UG/L
	478BLK		LB	2514777	2-Chlorophenol	2/2/2010	10	2.9	10	U	UG/L
	478BLK		LB	2514777	2-Methylnaphthalene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514801	2-Methylnaphthalene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514801	2-Methylphenol	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514777	2-Methylphenol	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514777	2-Nitroaniline	2/2/2010	50	3	50	U	UG/L
	478BLK		LB	2514801	2-Nitroaniline	2/2/2010	50	3	50	U	UG/L
	478BLK		LB	2514801	2-Nitrophenol	2/2/2010	20	0.77	20	U	UG/L
	478BLK		LB	2514777	2-Nitrophenol	2/2/2010	20	0.77	20	U	UG/L
	478BLK		LB	2514801	3,3'-Dichlorobenzidine	2/2/2010	20	2.7	20	U	UG/L
	478BLK		LB	2514777	3,3'-Dichlorobenzidine	2/2/2010	20	2.7	20	U	UG/L
	478BLK		LB	2514801	3-Nitroaniline	2/2/2010	50	2.8	50	U	UG/L
	478BLK		LB	2514777	3-Nitroaniline	2/2/2010	50	2.8	50	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	478BLK	WATER	LB	2514801	4,6-Dinitro-2-methylphenol	2/2/2010	60	0.68	60	U	UG/L
	478BLK		LB	2514777	4,6-Dinitro-2-methylphenol	2/2/2010	60	0.68	60	U	UG/L
	478BLK		LB	2514777	4-Bromophenyl phenyl ether	2/2/2010	10	2.3	10	U	UG/L
	478BLK		LB	2514801	4-Bromophenyl phenyl ether	2/2/2010	10	2.3	10	U	UG/L
	478BLK		LB	2514777	4-Chloro-3-methylphenol	2/2/2010	20	2.7	20	U	UG/L
	478BLK		LB	2514801	4-Chloro-3-methylphenol	2/2/2010	20	2.7	20	U	UG/L
	478BLK		LB	2514777	4-Chloroaniline	2/2/2010	20	3	20	U	UG/L
	478BLK		LB	2514801	4-Chloroaniline	2/2/2010	20	3	20	U	UG/L
	478BLK		LB	2514777	4-Chlorophenyl phenyl ether	2/2/2010	10	2.5	10	U	UG/L
	478BLK		LB	2514801	4-Chlorophenyl phenyl ether	2/2/2010	10	2.5	10	U	UG/L
	478BLK		LB	2514801	4-Methylphenol	2/2/2010	20	6.1	20	U	UG/L
	478BLK		LB	2514777	4-Methylphenol	2/2/2010	20	6.1	20	U	UG/L
	478BLK		LB	2514777	4-Nitroaniline	2/2/2010	10	1.3	10	U	UG/L
	478BLK		LB	2514801	4-Nitroaniline	2/2/2010	10	1.3	10	U	UG/L
	478BLK		LB	2514777	4-Nitrophenol	2/2/2010	50	1	50	R	UG/L
	478BLK		LB	2514801	4-Nitrophenol	2/2/2010	50	1	50	R	UG/L
	478BLK		LB	2514777	Acenaphthene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514801	Acenaphthene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514801	Acenaphthylene	2/2/2010	10	3	10	U	UG/L
	478BLK		LB	2514777	Acenaphthylene	2/2/2010	10	3	10	U	UG/L
	478BLK		LB	2514801	Anthracene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514777	Anthracene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514801	Benzidine	2/2/2010	150	20	150	U	UG/L
	478BLK		LB	2514777	Benzidine	2/2/2010	150	20	150	U	UG/L
	478BLK		LB	2514777	Benzo (a) pyrene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514801	Benzo (a) pyrene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514777	Benzo (b) fluoranthene	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514801	Benzo (b) fluoranthene	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514801	Benzo (g,h,i) perylene	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514777	Benzo (g,h,i) perylene	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514777	Benzo(a)anthracene	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514801	Benzo(a)anthracene	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514801	Benzo(k)fluoranthene	2/2/2010	10	2.9	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	478BLK	WATER	LB	2514777	Benzo(k)fluoranthene	2/2/2010	10	2.9	10	U	UG/L
	478BLK		LB	2514801	Benzoic acid	2/2/2010	60	14	60	R	UG/L
	478BLK		LB	2514777	Benzoic acid	2/2/2010	60	14	60	R	UG/L
	478BLK		LB	2514801	Bis (2-chloroethoxy) methane	2/2/2010	10	3.5	10	U	UG/L
	478BLK		LB	2514777	Bis (2-chloroethoxy) methane	2/2/2010	10	3.5	10	U	UG/L
	478BLK		LB	2514777	Bis (2-chloroethyl) ether	2/2/2010	10	3	10	U	UG/L
	478BLK		LB	2514801	Bis (2-chloroethyl) ether	2/2/2010	10	3	10	U	UG/L
	478BLK		LB	2514777	Bis (2-ethylhexyl) phthalate	2/2/2010	10	4.4	10	U	UG/L
	478BLK		LB	2514801	Bis (2-ethylhexyl) phthalate	2/2/2010	10	4.4	10	U	UG/L
	478BLK		LB	2514777	Butyl benzylphthalate	2/2/2010	20	3	20	U	UG/L
	478BLK		LB	2514801	Butyl benzylphthalate	2/2/2010	20	3	20	U	UG/L
	478BLK		LB	2514777	Chrysene	2/2/2010	10	2.9	10	U	UG/L
	478BLK		LB	2514801	Chrysene	2/2/2010	10	2.9	10	U	UG/L
	478BLK		LB	2514777	Dibenzo (a,h) anthracene	2/2/2010	10	1.2	10	U	UG/L
	478BLK		LB	2514801	Dibenzo (a,h) anthracene	2/2/2010	10	1.2	10	U	UG/L
	478BLK		LB	2514777	Dibenzofuran	2/2/2010	10	2.7	10	U	UG/L
	478BLK		LB	2514801	Dibenzofuran	2/2/2010	10	2.7	10	U	UG/L
	478BLK		LB	2514777	Diethyl phthalate	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514801	Diethyl phthalate	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514801	Dimethyl phthalate	2/2/2010	10	3	10	U	UG/L
	478BLK		LB	2514777	Dimethyl phthalate	2/2/2010	10	3	10	U	UG/L
	478BLK		LB	2514777	Di-n-butylphthalate	2/2/2010	20	0.86	20	U	UG/L
	478BLK		LB	2514801	Di-n-butylphthalate	2/2/2010	20	0.86	20	U	UG/L
	478BLK		LB	2514801	Di-n-octylphthalate	2/2/2010	20	1.1	20	U	UG/L
	478BLK		LB	2514777	Di-n-octylphthalate	2/2/2010	20	1.1	20	U	UG/L
	478BLK		LB	2514801	Fluoranthene	2/2/2010	20	2.8	20	U	UG/L
	478BLK		LB	2514777	Fluoranthene	2/2/2010	20	2.8	20	U	UG/L
	478BLK		LB	2514801	Fluorene	2/2/2010	10	2.9	10	U	UG/L
	478BLK		LB	2514777	Fluorene	2/2/2010	10	2.9	10	U	UG/L
	478BLK		LB	2514777	Hexachlorobenzene	2/2/2010	10	0.41	10	U	UG/L
	478BLK		LB	2514801	Hexachlorobenzene	2/2/2010	10	0.41	10	U	UG/L
	478BLK		LB	2514777	Hexachlorobutadiene	2/2/2010	10	2.5	10	U	UG/L
	478BLK		LB	2514801	Hexachlorobutadiene	2/2/2010	10	2.5	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	478BLK	WATER	LB	2514801	Hexachlorocyclopentadiene	2/2/2010	10	0.82	10	U	UG/L
	478BLK		LB	2514777	Hexachlorocyclopentadiene	2/2/2010	10	0.82	10	U	UG/L
	478BLK		LB	2514777	Hexachloroethane	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514801	Hexachloroethane	2/2/2010	10	2.6	10	U	UG/L
	478BLK		LB	2514801	Indeno(1,2,3-cd)pyrene	2/2/2010	10	1.6	10	U	UG/L
	478BLK		LB	2514777	Indeno(1,2,3-cd)pyrene	2/2/2010	10	1.6	10	U	UG/L
	478BLK		LB	2514801	Naphthalene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514777	Naphthalene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514777	Nitrobenzene	2/2/2010	20	1	20	U	UG/L
	478BLK		LB	2514801	Nitrobenzene	2/2/2010	20	1	20	U	UG/L
	478BLK		LB	2514801	n-Nitrosodi-n-propylamine	2/2/2010	20	3	20	U	UG/L
	478BLK		LB	2514777	n-Nitrosodi-n-propylamine	2/2/2010	20	3	20	U	UG/L
	478BLK		LB	2514777	n-Nitrosodiphenylamine	2/2/2010	10	3.4	10	U	UG/L
	478BLK		LB	2514801	n-Nitrosodiphenylamine	2/2/2010	10	3.4	10	U	UG/L
	478BLK		LB	2514777	Pentachlorophenol	2/2/2010	60	1.4	60	U	UG/L
	478BLK		LB	2514801	Pentachlorophenol	2/2/2010	60	1.4	60	U	UG/L
	478BLK		LB	2514801	Phenanthrene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514777	Phenanthrene	2/2/2010	10	2.8	10	U	UG/L
	478BLK		LB	2514801	Phenol	2/2/2010	10	1.7	10	R	UG/L
	478BLK		LB	2514777	Phenol	2/2/2010	10	1.7	10	R	UG/L
	478BLK		LB	2514801	Pyrene	2/2/2010	10	1.2	10	U	UG/L
	478BLK		LB	2514777	Pyrene	2/2/2010	10	1.2	10	U	UG/L
	488BLK1		LB	2514687	1,2-Dichlorobenzene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514737	1,2-Dichlorobenzene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514717	1,2-Dichlorobenzene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514700	1,2-Dichlorobenzene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514809	1,2-Dichlorobenzene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514809	1,2-Diphenylhydrazine	1/28/2010	10	3.1	10	U	UG/L
	488BLK1		LB	2514700	1,2-Diphenylhydrazine	1/28/2010	10	3.1	10	U	UG/L
	488BLK1		LB	2514737	1,2-Diphenylhydrazine	1/28/2010	10	3.1	10	U	UG/L
	488BLK1		LB	2514687	1,2-Diphenylhydrazine	1/28/2010	10	3.1	10	U	UG/L
	488BLK1		LB	2514717	1,2-Diphenylhydrazine	1/28/2010	10	3.1	10	U	UG/L
	488BLK1		LB	2514687	1,3-Dinitrobenzene	1/28/2010	10	2.5	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	488BLK1	WATER	LB	2514737	1,3-Dinitrobenzene	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514809	1,3-Dinitrobenzene	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514700	1,3-Dinitrobenzene	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514717	1,3-Dinitrobenzene	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514687	2,4,5-Trichlorophenol	1/28/2010	20	3.4	20	U	UG/L
	488BLK1		LB	2514737	2,4,5-Trichlorophenol	1/28/2010	20	3.4	20	U	UG/L
	488BLK1		LB	2514717	2,4,5-Trichlorophenol	1/28/2010	20	3.4	20	U	UG/L
	488BLK1		LB	2514700	2,4,5-Trichlorophenol	1/28/2010	20	3.4	20	U	UG/L
	488BLK1		LB	2514809	2,4,5-Trichlorophenol	1/28/2010	20	3.4	20	U	UG/L
	488BLK1		LB	2514687	2,4,6-Trichlorophenol	1/28/2010	20	0.84	20	U	UG/L
	488BLK1		LB	2514700	2,4,6-Trichlorophenol	1/28/2010	20	0.84	20	U	UG/L
	488BLK1		LB	2514717	2,4,6-Trichlorophenol	1/28/2010	20	0.84	20	U	UG/L
	488BLK1		LB	2514737	2,4,6-Trichlorophenol	1/28/2010	20	0.84	20	U	UG/L
	488BLK1		LB	2514809	2,4,6-Trichlorophenol	1/28/2010	20	0.84	20	U	UG/L
	488BLK1		LB	2514687	2,4-Dichlorophenol	1/28/2010	10	3.1	10	U	UG/L
	488BLK1		LB	2514809	2,4-Dichlorophenol	1/28/2010	10	3.1	10	U	UG/L
	488BLK1		LB	2514700	2,4-Dichlorophenol	1/28/2010	10	3.1	10	U	UG/L
	488BLK1		LB	2514717	2,4-Dichlorophenol	1/28/2010	10	3.1	10	U	UG/L
	488BLK1		LB	2514737	2,4-Dichlorophenol	1/28/2010	10	3.1	10	U	UG/L
	488BLK1		LB	2514687	2,4-Dimethylphenol	1/28/2010	10	2.3	10	U	UG/L
	488BLK1		LB	2514809	2,4-Dimethylphenol	1/28/2010	10	2.3	10	U	UG/L
	488BLK1		LB	2514717	2,4-Dimethylphenol	1/28/2010	10	2.3	10	U	UG/L
	488BLK1		LB	2514700	2,4-Dimethylphenol	1/28/2010	10	2.3	10	U	UG/L
	488BLK1		LB	2514737	2,4-Dimethylphenol	1/28/2010	10	2.3	10	U	UG/L
	488BLK1		LB	2514687	2,4-Dinitrophenol	1/28/2010	60	5.6	60	U	UG/L
	488BLK1		LB	2514700	2,4-Dinitrophenol	1/28/2010	60	5.6	60	U	UG/L
	488BLK1		LB	2514809	2,4-Dinitrophenol	1/28/2010	60	5.6	60	U	UG/L
	488BLK1		LB	2514737	2,4-Dinitrophenol	1/28/2010	60	5.6	60	U	UG/L
	488BLK1		LB	2514717	2,4-Dinitrophenol	1/28/2010	60	5.6	60	U	UG/L
	488BLK1		LB	2514687	2,4-Dinitrotoluene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514700	2,4-Dinitrotoluene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514737	2,4-Dinitrotoluene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514717	2,4-Dinitrotoluene	1/28/2010	20	2.8	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	488BLK1	WATER	LB	2514809	2,4-Dinitrotoluene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514687	2,6-Dinitrotoluene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514700	2,6-Dinitrotoluene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514717	2,6-Dinitrotoluene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514737	2,6-Dinitrotoluene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514809	2,6-Dinitrotoluene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514687	2-Chloronaphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514717	2-Chloronaphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514737	2-Chloronaphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514700	2-Chloronaphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514809	2-Chloronaphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514687	2-Chlorophenol	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514809	2-Chlorophenol	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514717	2-Chlorophenol	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514737	2-Chlorophenol	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514700	2-Chlorophenol	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514687	2-Methylnaphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514700	2-Methylnaphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514737	2-Methylnaphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514809	2-Methylnaphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514717	2-Methylnaphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514687	2-Methylphenol	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514809	2-Methylphenol	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514737	2-Methylphenol	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514717	2-Methylphenol	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514700	2-Methylphenol	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514687	2-Nitroaniline	1/28/2010	50	3	50	U	UG/L
	488BLK1		LB	2514700	2-Nitroaniline	1/28/2010	50	3	50	U	UG/L
	488BLK1		LB	2514809	2-Nitroaniline	1/28/2010	50	3	50	U	UG/L
	488BLK1		LB	2514737	2-Nitroaniline	1/28/2010	50	3	50	U	UG/L
	488BLK1		LB	2514717	2-Nitroaniline	1/28/2010	50	3	50	U	UG/L
	488BLK1		LB	2514687	2-Nitrophenol	1/28/2010	20	0.77	20	U	UG/L
	488BLK1		LB	2514717	2-Nitrophenol	1/28/2010	20	0.77	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	488BLK1	WATER	LB	2514809	2-Nitrophenol	1/28/2010	20	0.77	20	U	UG/L
	488BLK1		LB	2514700	2-Nitrophenol	1/28/2010	20	0.77	20	U	UG/L
	488BLK1		LB	2514737	2-Nitrophenol	1/28/2010	20	0.77	20	U	UG/L
	488BLK1		LB	2514687	3,3'-Dichlorobenzidine	1/28/2010	20	2.7	20	U	UG/L
	488BLK1		LB	2514737	3,3'-Dichlorobenzidine	1/28/2010	20	2.7	20	U	UG/L
	488BLK1		LB	2514700	3,3'-Dichlorobenzidine	1/28/2010	20	2.7	20	U	UG/L
	488BLK1		LB	2514809	3,3'-Dichlorobenzidine	1/28/2010	20	2.7	20	U	UG/L
	488BLK1		LB	2514717	3,3'-Dichlorobenzidine	1/28/2010	20	2.7	20	U	UG/L
	488BLK1		LB	2514687	3-Nitroaniline	1/28/2010	50	2.8	50	U	UG/L
	488BLK1		LB	2514717	3-Nitroaniline	1/28/2010	50	2.8	50	U	UG/L
	488BLK1		LB	2514809	3-Nitroaniline	1/28/2010	50	2.8	50	U	UG/L
	488BLK1		LB	2514700	3-Nitroaniline	1/28/2010	50	2.8	50	U	UG/L
	488BLK1		LB	2514737	3-Nitroaniline	1/28/2010	50	2.8	50	U	UG/L
	488BLK1		LB	2514687	4,6-Dinitro-2-methylphenol	1/28/2010	60	0.68	60	U	UG/L
	488BLK1		LB	2514717	4,6-Dinitro-2-methylphenol	1/28/2010	60	0.68	60	U	UG/L
	488BLK1		LB	2514700	4,6-Dinitro-2-methylphenol	1/28/2010	60	0.68	60	U	UG/L
	488BLK1		LB	2514737	4,6-Dinitro-2-methylphenol	1/28/2010	60	0.68	60	U	UG/L
	488BLK1		LB	2514809	4,6-Dinitro-2-methylphenol	1/28/2010	60	0.68	60	U	UG/L
	488BLK1		LB	2514687	4-Bromophenyl phenyl ether	1/28/2010	10	2.3	10	U	UG/L
	488BLK1		LB	2514737	4-Bromophenyl phenyl ether	1/28/2010	10	2.3	10	U	UG/L
	488BLK1		LB	2514700	4-Bromophenyl phenyl ether	1/28/2010	10	2.3	10	U	UG/L
	488BLK1		LB	2514717	4-Bromophenyl phenyl ether	1/28/2010	10	2.3	10	U	UG/L
	488BLK1		LB	2514809	4-Bromophenyl phenyl ether	1/28/2010	10	2.3	10	U	UG/L
	488BLK1		LB	2514687	4-Chloro-3-methylphenol	1/28/2010	20	2.7	20	U	UG/L
	488BLK1		LB	2514737	4-Chloro-3-methylphenol	1/28/2010	20	2.7	20	U	UG/L
	488BLK1		LB	2514700	4-Chloro-3-methylphenol	1/28/2010	20	2.7	20	U	UG/L
	488BLK1		LB	2514809	4-Chloro-3-methylphenol	1/28/2010	20	2.7	20	U	UG/L
	488BLK1		LB	2514717	4-Chloro-3-methylphenol	1/28/2010	20	2.7	20	U	UG/L
	488BLK1		LB	2514687	4-Chloroaniline	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514809	4-Chloroaniline	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514700	4-Chloroaniline	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514737	4-Chloroaniline	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514717	4-Chloroaniline	1/28/2010	20	3	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	488BLK1	WATER	LB	2514687	4-Chlorophenyl phenyl ether	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514700	4-Chlorophenyl phenyl ether	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514809	4-Chlorophenyl phenyl ether	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514737	4-Chlorophenyl phenyl ether	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514717	4-Chlorophenyl phenyl ether	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514687	4-Methylphenol	1/28/2010	20	6.1	20	U	UG/L
	488BLK1		LB	2514700	4-Methylphenol	1/28/2010	20	6.1	20	U	UG/L
	488BLK1		LB	2514737	4-Methylphenol	1/28/2010	20	6.1	20	U	UG/L
	488BLK1		LB	2514809	4-Methylphenol	1/28/2010	20	6.1	20	U	UG/L
	488BLK1		LB	2514717	4-Methylphenol	1/28/2010	20	6.1	20	U	UG/L
	488BLK1		LB	2514687	4-Nitroaniline	1/28/2010	10	1.3	10	U	UG/L
	488BLK1		LB	2514809	4-Nitroaniline	1/28/2010	10	1.3	10	U	UG/L
	488BLK1		LB	2514737	4-Nitroaniline	1/28/2010	10	1.3	10	U	UG/L
	488BLK1		LB	2514717	4-Nitroaniline	1/28/2010	10	1.3	10	U	UG/L
	488BLK1		LB	2514700	4-Nitroaniline	1/28/2010	10	1.3	10	U	UG/L
	488BLK1		LB	2514687	4-Nitrophenol	1/28/2010	50	1	50	R	UG/L
	488BLK1		LB	2514737	4-Nitrophenol	1/28/2010	50	1	50	R	UG/L
	488BLK1		LB	2514700	4-Nitrophenol	1/28/2010	50	1	50	R	UG/L
	488BLK1		LB	2514717	4-Nitrophenol	1/28/2010	50	1	50	R	UG/L
	488BLK1		LB	2514809	4-Nitrophenol	1/28/2010	50	1	50	R	UG/L
	488BLK1		LB	2514687	Acenaphthene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514737	Acenaphthene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514700	Acenaphthene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514717	Acenaphthene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514809	Acenaphthene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514687	Acenaphthylene	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514717	Acenaphthylene	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514809	Acenaphthylene	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514737	Acenaphthylene	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514700	Acenaphthylene	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514687	Anthracene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514700	Anthracene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514737	Anthracene	1/28/2010	10	2.8	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	488BLK1	WATER	LB	2514809	Anthracene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514717	Anthracene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514687	Benzidine	1/28/2010	150	20	150	U	UG/L
	488BLK1		LB	2514717	Benzidine	1/28/2010	150	20	150	U	UG/L
	488BLK1		LB	2514809	Benzidine	1/28/2010	150	20	150	U	UG/L
	488BLK1		LB	2514700	Benzidine	1/28/2010	150	20	150	U	UG/L
	488BLK1		LB	2514737	Benzidine	1/28/2010	150	20	150	U	UG/L
	488BLK1		LB	2514687	Benzo (a) pyrene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514809	Benzo (a) pyrene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514700	Benzo (a) pyrene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514717	Benzo (a) pyrene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514737	Benzo (a) pyrene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514687	Benzo (b) fluoranthene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514809	Benzo (b) fluoranthene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514737	Benzo (b) fluoranthene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514717	Benzo (b) fluoranthene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514700	Benzo (b) fluoranthene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514687	Benzo (g,h,i) perylene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514717	Benzo (g,h,i) perylene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514809	Benzo (g,h,i) perylene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514737	Benzo (g,h,i) perylene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514700	Benzo (g,h,i) perylene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514687	Benzo(a)anthracene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514737	Benzo(a)anthracene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514700	Benzo(a)anthracene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514717	Benzo(a)anthracene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514809	Benzo(a)anthracene	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514687	Benzo(k)fluoranthene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514717	Benzo(k)fluoranthene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514809	Benzo(k)fluoranthene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514700	Benzo(k)fluoranthene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514737	Benzo(k)fluoranthene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514687	Benzoic acid	1/28/2010	60	14	60	R	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	488BLK1	WATER	LB	2514717	Benzoic acid	1/28/2010	60	14	60	R	UG/L
	488BLK1		LB	2514809	Benzoic acid	1/28/2010	60	14	60	R	UG/L
	488BLK1		LB	2514700	Benzoic acid	1/28/2010	60	14	60	R	UG/L
	488BLK1		LB	2514737	Benzoic acid	1/28/2010	60	14	60	R	UG/L
	488BLK1		LB	2514687	Bis (2-chloroethoxy) methane	1/28/2010	10	3.5	10	U	UG/L
	488BLK1		LB	2514700	Bis (2-chloroethoxy) methane	1/28/2010	10	3.5	10	U	UG/L
	488BLK1		LB	2514809	Bis (2-chloroethoxy) methane	1/28/2010	10	3.5	10	U	UG/L
	488BLK1		LB	2514737	Bis (2-chloroethoxy) methane	1/28/2010	10	3.5	10	U	UG/L
	488BLK1		LB	2514717	Bis (2-chloroethoxy) methane	1/28/2010	10	3.5	10	U	UG/L
	488BLK1		LB	2514687	Bis (2-chloroethyl) ether	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514717	Bis (2-chloroethyl) ether	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514700	Bis (2-chloroethyl) ether	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514809	Bis (2-chloroethyl) ether	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514737	Bis (2-chloroethyl) ether	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514687	Bis (2-ethylhexyl) phthalate	1/28/2010	10	4.4	10	U	UG/L
	488BLK1		LB	2514737	Bis (2-ethylhexyl) phthalate	1/28/2010	10	4.4	10	U	UG/L
	488BLK1		LB	2514700	Bis (2-ethylhexyl) phthalate	1/28/2010	10	4.4	10	U	UG/L
	488BLK1		LB	2514809	Bis (2-ethylhexyl) phthalate	1/28/2010	10	4.4	10	U	UG/L
	488BLK1		LB	2514717	Bis (2-ethylhexyl) phthalate	1/28/2010	10	4.4	10	U	UG/L
	488BLK1		LB	2514687	Butyl benzylphthalate	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514809	Butyl benzylphthalate	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514737	Butyl benzylphthalate	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514717	Butyl benzylphthalate	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514700	Butyl benzylphthalate	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514687	Chrysene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514717	Chrysene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514700	Chrysene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514737	Chrysene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514809	Chrysene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514687	Dibenzo (a,h) anthracene	1/28/2010	10	1.2	10	U	UG/L
	488BLK1		LB	2514809	Dibenzo (a,h) anthracene	1/28/2010	10	1.2	10	U	UG/L
	488BLK1		LB	2514700	Dibenzo (a,h) anthracene	1/28/2010	10	1.2	10	U	UG/L
	488BLK1		LB	2514737	Dibenzo (a,h) anthracene	1/28/2010	10	1.2	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	488BLK1	WATER	LB	2514717	Dibenzo (a,h) anthracene	1/28/2010	10	1.2	10	U	UG/L
	488BLK1		LB	2514687	Dibenzofuran	1/28/2010	10	2.7	10	U	UG/L
	488BLK1		LB	2514700	Dibenzofuran	1/28/2010	10	2.7	10	U	UG/L
	488BLK1		LB	2514809	Dibenzofuran	1/28/2010	10	2.7	10	U	UG/L
	488BLK1		LB	2514737	Dibenzofuran	1/28/2010	10	2.7	10	U	UG/L
	488BLK1		LB	2514717	Dibenzofuran	1/28/2010	10	2.7	10	U	UG/L
	488BLK1		LB	2514687	Diethyl phthalate	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514717	Diethyl phthalate	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514737	Diethyl phthalate	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514809	Diethyl phthalate	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514700	Diethyl phthalate	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514687	Dimethyl phthalate	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514737	Dimethyl phthalate	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514700	Dimethyl phthalate	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514717	Dimethyl phthalate	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514809	Dimethyl phthalate	1/28/2010	10	3	10	U	UG/L
	488BLK1		LB	2514687	Di-n-butylphthalate	1/28/2010	20	0.86	20	U	UG/L
	488BLK1		LB	2514737	Di-n-butylphthalate	1/28/2010	20	0.86	20	U	UG/L
	488BLK1		LB	2514717	Di-n-butylphthalate	1/28/2010	20	0.86	20	U	UG/L
	488BLK1		LB	2514809	Di-n-butylphthalate	1/28/2010	20	0.86	20	U	UG/L
	488BLK1		LB	2514700	Di-n-butylphthalate	1/28/2010	20	0.86	20	U	UG/L
	488BLK1		LB	2514687	Di-n-octylphthalate	1/28/2010	20	1.1	20	U	UG/L
	488BLK1		LB	2514809	Di-n-octylphthalate	1/28/2010	20	1.1	20	U	UG/L
	488BLK1		LB	2514717	Di-n-octylphthalate	1/28/2010	20	1.1	20	U	UG/L
	488BLK1		LB	2514737	Di-n-octylphthalate	1/28/2010	20	1.1	20	U	UG/L
	488BLK1		LB	2514700	Di-n-octylphthalate	1/28/2010	20	1.1	20	U	UG/L
	488BLK1		LB	2514687	Fluoranthene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514717	Fluoranthene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514700	Fluoranthene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514737	Fluoranthene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514809	Fluoranthene	1/28/2010	20	2.8	20	U	UG/L
	488BLK1		LB	2514687	Fluorene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514700	Fluorene	1/28/2010	10	2.9	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	488BLK1	WATER	LB	2514737	Fluorene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514809	Fluorene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514717	Fluorene	1/28/2010	10	2.9	10	U	UG/L
	488BLK1		LB	2514687	Hexachlorobenzene	1/28/2010	10	0.41	10	U	UG/L
	488BLK1		LB	2514737	Hexachlorobenzene	1/28/2010	10	0.41	10	U	UG/L
	488BLK1		LB	2514700	Hexachlorobenzene	1/28/2010	10	0.41	10	U	UG/L
	488BLK1		LB	2514717	Hexachlorobenzene	1/28/2010	10	0.41	10	U	UG/L
	488BLK1		LB	2514809	Hexachlorobenzene	1/28/2010	10	0.41	10	U	UG/L
	488BLK1		LB	2514687	Hexachlorobutadiene	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514717	Hexachlorobutadiene	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514737	Hexachlorobutadiene	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514809	Hexachlorobutadiene	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514700	Hexachlorobutadiene	1/28/2010	10	2.5	10	U	UG/L
	488BLK1		LB	2514687	Hexachlorocyclopentadiene	1/28/2010	10	0.82	10	U	UG/L
	488BLK1		LB	2514809	Hexachlorocyclopentadiene	1/28/2010	10	0.82	10	U	UG/L
	488BLK1		LB	2514737	Hexachlorocyclopentadiene	1/28/2010	10	0.82	10	U	UG/L
	488BLK1		LB	2514717	Hexachlorocyclopentadiene	1/28/2010	10	0.82	10	U	UG/L
	488BLK1		LB	2514700	Hexachlorocyclopentadiene	1/28/2010	10	0.82	10	U	UG/L
	488BLK1		LB	2514687	Hexachloroethane	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514737	Hexachloroethane	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514700	Hexachloroethane	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514809	Hexachloroethane	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514717	Hexachloroethane	1/28/2010	10	2.6	10	U	UG/L
	488BLK1		LB	2514687	Indeno(1,2,3-cd)pyrene	1/28/2010	10	1.6	10	U	UG/L
	488BLK1		LB	2514700	Indeno(1,2,3-cd)pyrene	1/28/2010	10	1.6	10	U	UG/L
	488BLK1		LB	2514737	Indeno(1,2,3-cd)pyrene	1/28/2010	10	1.6	10	U	UG/L
	488BLK1		LB	2514717	Indeno(1,2,3-cd)pyrene	1/28/2010	10	1.6	10	U	UG/L
	488BLK1		LB	2514809	Indeno(1,2,3-cd)pyrene	1/28/2010	10	1.6	10	U	UG/L
	488BLK1		LB	2514687	Naphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514700	Naphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514717	Naphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514809	Naphthalene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514737	Naphthalene	1/28/2010	10	2.8	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	488BLK1	WATER	LB	2514687	Nitrobenzene	1/28/2010	20	1	20	U	UG/L
	488BLK1		LB	2514809	Nitrobenzene	1/28/2010	20	1	20	U	UG/L
	488BLK1		LB	2514700	Nitrobenzene	1/28/2010	20	1	20	U	UG/L
	488BLK1		LB	2514737	Nitrobenzene	1/28/2010	20	1	20	U	UG/L
	488BLK1		LB	2514717	Nitrobenzene	1/28/2010	20	1	20	U	UG/L
	488BLK1		LB	2514687	n-Nitrosodi-n-propylamine	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514717	n-Nitrosodi-n-propylamine	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514809	n-Nitrosodi-n-propylamine	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514700	n-Nitrosodi-n-propylamine	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514737	n-Nitrosodi-n-propylamine	1/28/2010	20	3	20	U	UG/L
	488BLK1		LB	2514687	n-Nitrosodiphenylamine	1/28/2010	10	3.4	10	U	UG/L
	488BLK1		LB	2514737	n-Nitrosodiphenylamine	1/28/2010	10	3.4	10	U	UG/L
	488BLK1		LB	2514809	n-Nitrosodiphenylamine	1/28/2010	10	3.4	10	U	UG/L
	488BLK1		LB	2514717	n-Nitrosodiphenylamine	1/28/2010	10	3.4	10	U	UG/L
	488BLK1		LB	2514700	n-Nitrosodiphenylamine	1/28/2010	10	3.4	10	U	UG/L
	488BLK1		LB	2514687	Pentachlorophenol	1/28/2010	60	1.4	60	U	UG/L
	488BLK1		LB	2514700	Pentachlorophenol	1/28/2010	60	1.4	60	U	UG/L
	488BLK1		LB	2514737	Pentachlorophenol	1/28/2010	60	1.4	60	U	UG/L
	488BLK1		LB	2514809	Pentachlorophenol	1/28/2010	60	1.4	60	U	UG/L
	488BLK1		LB	2514717	Pentachlorophenol	1/28/2010	60	1.4	60	U	UG/L
	488BLK1		LB	2514687	Phenanthrene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514809	Phenanthrene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514717	Phenanthrene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514700	Phenanthrene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514737	Phenanthrene	1/28/2010	10	2.8	10	U	UG/L
	488BLK1		LB	2514687	Phenol	1/28/2010	10	1.7	10	U	UG/L
	488BLK1		LB	2514809	Phenol	1/28/2010	10	1.7	10	U	UG/L
	488BLK1		LB	2514737	Phenol	1/28/2010	10	1.7	10	U	UG/L
	488BLK1		LB	2514700	Phenol	1/28/2010	10	1.7	10	U	UG/L
	488BLK1		LB	2514717	Phenol	1/28/2010	10	1.7	10	U	UG/L
	488BLK1		LB	2514687	Pyrene	1/28/2010	10	1.2	10	U	UG/L
	488BLK1		LB	2514700	Pyrene	1/28/2010	10	1.2	10	U	UG/L
	488BLK1		LB	2514809	Pyrene	1/28/2010	10	1.2	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	488BLK1	WATER	LB	2514717	Pyrene	1/28/2010	10	1.2	10	U	UG/L
	488BLK1		LB	2514737	Pyrene	1/28/2010	10	1.2	10	U	UG/L
	505BLK		LB	2514835	1,2-Dichlorobenzene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514777	1,2-Dichlorobenzene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514823	1,2-Dichlorobenzene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514801	1,2-Dichlorobenzene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514835	1,2-Diphenylhydrazine	1/31/2010	10	3.1	10	U	UG/L
	505BLK		LB	2514823	1,2-Diphenylhydrazine	1/31/2010	10	3.1	10	U	UG/L
	505BLK		LB	2514801	1,2-Diphenylhydrazine	1/31/2010	10	3.1	10	U	UG/L
	505BLK		LB	2514777	1,2-Diphenylhydrazine	1/31/2010	10	3.1	10	U	UG/L
	505BLK		LB	2514835	1,3-Dinitrobenzene	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514777	1,3-Dinitrobenzene	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514801	1,3-Dinitrobenzene	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514823	1,3-Dinitrobenzene	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514835	2,4,5-Trichlorophenol	1/31/2010	20	3.4	20	U	UG/L
	505BLK		LB	2514823	2,4,5-Trichlorophenol	1/31/2010	20	3.4	20	U	UG/L
	505BLK		LB	2514801	2,4,5-Trichlorophenol	1/31/2010	20	3.4	20	U	UG/L
	505BLK		LB	2514777	2,4,5-Trichlorophenol	1/31/2010	20	3.4	20	U	UG/L
	505BLK		LB	2514835	2,4,6-Trichlorophenol	1/31/2010	20	0.84	20	U	UG/L
	505BLK		LB	2514801	2,4,6-Trichlorophenol	1/31/2010	20	0.84	20	U	UG/L
	505BLK		LB	2514823	2,4,6-Trichlorophenol	1/31/2010	20	0.84	20	U	UG/L
	505BLK		LB	2514777	2,4,6-Trichlorophenol	1/31/2010	20	0.84	20	U	UG/L
	505BLK		LB	2514835	2,4-Dichlorophenol	1/31/2010	10	3.1	10	U	UG/L
	505BLK		LB	2514823	2,4-Dichlorophenol	1/31/2010	10	3.1	10	U	UG/L
	505BLK		LB	2514777	2,4-Dichlorophenol	1/31/2010	10	3.1	10	U	UG/L
	505BLK		LB	2514801	2,4-Dichlorophenol	1/31/2010	10	3.1	10	U	UG/L
	505BLK		LB	2514835	2,4-Dimethylphenol	1/31/2010	10	2.3	10	U	UG/L
	505BLK		LB	2514777	2,4-Dimethylphenol	1/31/2010	10	2.3	10	U	UG/L
	505BLK		LB	2514823	2,4-Dimethylphenol	1/31/2010	10	2.3	10	U	UG/L
	505BLK		LB	2514801	2,4-Dimethylphenol	1/31/2010	10	2.3	10	U	UG/L
	505BLK		LB	2514835	2,4-Dinitrophenol	1/31/2010	60	5.6	60	U	UG/L
	505BLK		LB	2514777	2,4-Dinitrophenol	1/31/2010	60	5.6	60	U	UG/L
	505BLK		LB	2514823	2,4-Dinitrophenol	1/31/2010	60	5.6	60	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	505BLK	WATER	LB	2514801	2,4-Dinitrophenol	1/31/2010	60	5.6	60	U	UG/L
	505BLK		LB	2514835	2,4-Dinitrotoluene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514823	2,4-Dinitrotoluene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514801	2,4-Dinitrotoluene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514777	2,4-Dinitrotoluene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514835	2,6-Dinitrotoluene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514823	2,6-Dinitrotoluene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514777	2,6-Dinitrotoluene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514801	2,6-Dinitrotoluene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514835	2-Chloronaphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514823	2-Chloronaphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514777	2-Chloronaphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514801	2-Chloronaphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514835	2-Chlorophenol	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514777	2-Chlorophenol	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514801	2-Chlorophenol	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514823	2-Chlorophenol	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514835	2-Methylnaphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514801	2-Methylnaphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514823	2-Methylnaphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514777	2-Methylnaphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514835	2-Methylphenol	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514777	2-Methylphenol	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514823	2-Methylphenol	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514801	2-Methylphenol	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514835	2-Nitroaniline	1/31/2010	50	3	50	U	UG/L
	505BLK		LB	2514823	2-Nitroaniline	1/31/2010	50	3	50	U	UG/L
	505BLK		LB	2514777	2-Nitroaniline	1/31/2010	50	3	50	U	UG/L
	505BLK		LB	2514801	2-Nitroaniline	1/31/2010	50	3	50	U	UG/L
	505BLK		LB	2514835	2-Nitrophenol	1/31/2010	20	0.77	20	U	UG/L
	505BLK		LB	2514823	2-Nitrophenol	1/31/2010	20	0.77	20	U	UG/L
	505BLK		LB	2514777	2-Nitrophenol	1/31/2010	20	0.77	20	U	UG/L
	505BLK		LB	2514801	2-Nitrophenol	1/31/2010	20	0.77	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	505BLK	WATER	LB	2514835	3,3'-Dichlorobenzidine	1/31/2010	20	2.7	20	U	UG/L
	505BLK		LB	2514823	3,3'-Dichlorobenzidine	1/31/2010	20	2.7	20	U	UG/L
	505BLK		LB	2514801	3,3'-Dichlorobenzidine	1/31/2010	20	2.7	20	U	UG/L
	505BLK		LB	2514777	3,3'-Dichlorobenzidine	1/31/2010	20	2.7	20	U	UG/L
	505BLK		LB	2514835	3-Nitroaniline	1/31/2010	50	2.8	50	U	UG/L
	505BLK		LB	2514777	3-Nitroaniline	1/31/2010	50	2.8	50	U	UG/L
	505BLK		LB	2514823	3-Nitroaniline	1/31/2010	50	2.8	50	U	UG/L
	505BLK		LB	2514801	3-Nitroaniline	1/31/2010	50	2.8	50	U	UG/L
	505BLK		LB	2514835	4,6-Dinitro-2-methylphenol	1/31/2010	60	0.68	60	U	UG/L
	505BLK		LB	2514777	4,6-Dinitro-2-methylphenol	1/31/2010	60	0.68	60	U	UG/L
	505BLK		LB	2514823	4,6-Dinitro-2-methylphenol	1/31/2010	60	0.68	60	U	UG/L
	505BLK		LB	2514801	4,6-Dinitro-2-methylphenol	1/31/2010	60	0.68	60	U	UG/L
	505BLK		LB	2514835	4-Bromophenyl phenyl ether	1/31/2010	10	2.3	10	U	UG/L
	505BLK		LB	2514823	4-Bromophenyl phenyl ether	1/31/2010	10	2.3	10	U	UG/L
	505BLK		LB	2514777	4-Bromophenyl phenyl ether	1/31/2010	10	2.3	10	U	UG/L
	505BLK		LB	2514801	4-Bromophenyl phenyl ether	1/31/2010	10	2.3	10	U	UG/L
	505BLK		LB	2514835	4-Chloro-3-methylphenol	1/31/2010	20	2.7	20	U	UG/L
	505BLK		LB	2514801	4-Chloro-3-methylphenol	1/31/2010	20	2.7	20	U	UG/L
	505BLK		LB	2514777	4-Chloro-3-methylphenol	1/31/2010	20	2.7	20	U	UG/L
	505BLK		LB	2514823	4-Chloro-3-methylphenol	1/31/2010	20	2.7	20	U	UG/L
	505BLK		LB	2514835	4-Chloroaniline	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514801	4-Chloroaniline	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514777	4-Chloroaniline	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514823	4-Chloroaniline	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514835	4-Chlorophenyl phenyl ether	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514823	4-Chlorophenyl phenyl ether	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514801	4-Chlorophenyl phenyl ether	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514777	4-Chlorophenyl phenyl ether	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514835	4-Methylphenol	1/31/2010	20	6.1	20	U	UG/L
	505BLK		LB	2514777	4-Methylphenol	1/31/2010	20	6.1	20	U	UG/L
	505BLK		LB	2514801	4-Methylphenol	1/31/2010	20	6.1	20	U	UG/L
	505BLK		LB	2514823	4-Methylphenol	1/31/2010	20	6.1	20	U	UG/L
	505BLK		LB	2514835	4-Nitroaniline	1/31/2010	10	1.3	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	505BLK	WATER	LB	2514801	4-Nitroaniline	1/31/2010	10	1.3	10	U	UG/L
	505BLK		LB	2514823	4-Nitroaniline	1/31/2010	10	1.3	10	U	UG/L
	505BLK		LB	2514777	4-Nitroaniline	1/31/2010	10	1.3	10	U	UG/L
	505BLK		LB	2514835	4-Nitrophenol	1/31/2010	50	1	50	R	UG/L
	505BLK		LB	2514823	4-Nitrophenol	1/31/2010	50	1	50	R	UG/L
	505BLK		LB	2514801	4-Nitrophenol	1/31/2010	50	1	50	R	UG/L
	505BLK		LB	2514777	4-Nitrophenol	1/31/2010	50	1	50	R	UG/L
	505BLK		LB	2514835	Acenaphthene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514801	Acenaphthene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514823	Acenaphthene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514777	Acenaphthene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514835	Acenaphthylene	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514801	Acenaphthylene	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514823	Acenaphthylene	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514777	Acenaphthylene	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514835	Anthracene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514777	Anthracene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514801	Anthracene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514823	Anthracene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514835	Benzidine	1/31/2010	150	20	150	U	UG/L
	505BLK		LB	2514777	Benzidine	1/31/2010	150	20	150	U	UG/L
	505BLK		LB	2514823	Benzidine	1/31/2010	150	20	150	U	UG/L
	505BLK		LB	2514801	Benzidine	1/31/2010	150	20	150	U	UG/L
	505BLK		LB	2514835	Benzo (a) pyrene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514777	Benzo (a) pyrene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514823	Benzo (a) pyrene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514801	Benzo (a) pyrene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514835	Benzo (b) fluoranthene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514801	Benzo (b) fluoranthene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514823	Benzo (b) fluoranthene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514777	Benzo (b) fluoranthene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514835	Benzo (g,h,i) perylene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514801	Benzo (g,h,i) perylene	1/31/2010	10	2.6	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	505BLK	WATER	LB	2514777	Benzo (g,h,i) perylene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514823	Benzo (g,h,i) perylene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514835	Benzo(a)anthracene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514801	Benzo(a)anthracene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514823	Benzo(a)anthracene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514777	Benzo(a)anthracene	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514835	Benzo(k)fluoranthene	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514801	Benzo(k)fluoranthene	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514823	Benzo(k)fluoranthene	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514777	Benzo(k)fluoranthene	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514835	Benzoic acid	1/31/2010	60	14	60	R	UG/L
	505BLK		LB	2514801	Benzoic acid	1/31/2010	60	14	60	R	UG/L
	505BLK		LB	2514777	Benzoic acid	1/31/2010	60	14	60	R	UG/L
	505BLK		LB	2514823	Benzoic acid	1/31/2010	60	14	60	R	UG/L
	505BLK		LB	2514835	Bis (2-chloroethoxy) methane	1/31/2010	10	3.5	10	U	UG/L
	505BLK		LB	2514823	Bis (2-chloroethoxy) methane	1/31/2010	10	3.5	10	U	UG/L
	505BLK		LB	2514777	Bis (2-chloroethoxy) methane	1/31/2010	10	3.5	10	U	UG/L
	505BLK		LB	2514801	Bis (2-chloroethoxy) methane	1/31/2010	10	3.5	10	U	UG/L
	505BLK		LB	2514835	Bis (2-chloroethyl) ether	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514777	Bis (2-chloroethyl) ether	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514823	Bis (2-chloroethyl) ether	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514801	Bis (2-chloroethyl) ether	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514835	Bis (2-ethylhexyl) phthalate	1/31/2010	10	4.4	10	U	UG/L
	505BLK		LB	2514801	Bis (2-ethylhexyl) phthalate	1/31/2010	10	4.4	10	U	UG/L
	505BLK		LB	2514823	Bis (2-ethylhexyl) phthalate	1/31/2010	10	4.4	10	U	UG/L
	505BLK		LB	2514777	Bis (2-ethylhexyl) phthalate	1/31/2010	10	4.4	10	U	UG/L
	505BLK		LB	2514835	Butyl benzylphthalate	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514823	Butyl benzylphthalate	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514801	Butyl benzylphthalate	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514777	Butyl benzylphthalate	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514835	Chrysene	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514801	Chrysene	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514823	Chrysene	1/31/2010	10	2.9	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	505BLK	WATER	LB	2514777	Chrysene	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514835	Dibenzo (a,h) anthracene	1/31/2010	10	1.2	10	U	UG/L
	505BLK		LB	2514801	Dibenzo (a,h) anthracene	1/31/2010	10	1.2	10	U	UG/L
	505BLK		LB	2514823	Dibenzo (a,h) anthracene	1/31/2010	10	1.2	10	U	UG/L
	505BLK		LB	2514777	Dibenzo (a,h) anthracene	1/31/2010	10	1.2	10	U	UG/L
	505BLK		LB	2514835	Dibenzofuran	1/31/2010	10	2.7	10	U	UG/L
	505BLK		LB	2514823	Dibenzofuran	1/31/2010	10	2.7	10	U	UG/L
	505BLK		LB	2514801	Dibenzofuran	1/31/2010	10	2.7	10	U	UG/L
	505BLK		LB	2514777	Dibenzofuran	1/31/2010	10	2.7	10	U	UG/L
	505BLK		LB	2514835	Diethyl phthalate	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514801	Diethyl phthalate	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514823	Diethyl phthalate	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514777	Diethyl phthalate	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514835	Dimethyl phthalate	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514823	Dimethyl phthalate	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514801	Dimethyl phthalate	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514777	Dimethyl phthalate	1/31/2010	10	3	10	U	UG/L
	505BLK		LB	2514835	Di-n-butylphthalate	1/31/2010	20	0.86	20	U	UG/L
	505BLK		LB	2514777	Di-n-butylphthalate	1/31/2010	20	0.86	20	U	UG/L
	505BLK		LB	2514801	Di-n-butylphthalate	1/31/2010	20	0.86	20	U	UG/L
	505BLK		LB	2514823	Di-n-butylphthalate	1/31/2010	20	0.86	20	U	UG/L
	505BLK		LB	2514835	Di-n-octylphthalate	1/31/2010	20	1.1	20	U	UG/L
	505BLK		LB	2514801	Di-n-octylphthalate	1/31/2010	20	1.1	20	U	UG/L
	505BLK		LB	2514777	Di-n-octylphthalate	1/31/2010	20	1.1	20	U	UG/L
	505BLK		LB	2514823	Di-n-octylphthalate	1/31/2010	20	1.1	20	U	UG/L
	505BLK		LB	2514835	Fluoranthene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514801	Fluoranthene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514823	Fluoranthene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514777	Fluoranthene	1/31/2010	20	2.8	20	U	UG/L
	505BLK		LB	2514835	Fluorene	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514823	Fluorene	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514801	Fluorene	1/31/2010	10	2.9	10	U	UG/L
	505BLK		LB	2514777	Fluorene	1/31/2010	10	2.9	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	505BLK	WATER	LB	2514835	Hexachlorobenzene	1/31/2010	10	0.41	10	U	UG/L
	505BLK		LB	2514823	Hexachlorobenzene	1/31/2010	10	0.41	10	U	UG/L
	505BLK		LB	2514801	Hexachlorobenzene	1/31/2010	10	0.41	10	U	UG/L
	505BLK		LB	2514777	Hexachlorobenzene	1/31/2010	10	0.41	10	U	UG/L
	505BLK		LB	2514835	Hexachlorobutadiene	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514823	Hexachlorobutadiene	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514801	Hexachlorobutadiene	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514777	Hexachlorobutadiene	1/31/2010	10	2.5	10	U	UG/L
	505BLK		LB	2514835	Hexachlorocyclopentadiene	1/31/2010	10	0.82	10	U	UG/L
	505BLK		LB	2514777	Hexachlorocyclopentadiene	1/31/2010	10	0.82	10	U	UG/L
	505BLK		LB	2514823	Hexachlorocyclopentadiene	1/31/2010	10	0.82	10	U	UG/L
	505BLK		LB	2514801	Hexachlorocyclopentadiene	1/31/2010	10	0.82	10	U	UG/L
	505BLK		LB	2514835	Hexachloroethane	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514801	Hexachloroethane	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514777	Hexachloroethane	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514823	Hexachloroethane	1/31/2010	10	2.6	10	U	UG/L
	505BLK		LB	2514835	Indeno(1,2,3-cd)pyrene	1/31/2010	10	1.6	10	U	UG/L
	505BLK		LB	2514801	Indeno(1,2,3-cd)pyrene	1/31/2010	10	1.6	10	U	UG/L
	505BLK		LB	2514777	Indeno(1,2,3-cd)pyrene	1/31/2010	10	1.6	10	U	UG/L
	505BLK		LB	2514823	Indeno(1,2,3-cd)pyrene	1/31/2010	10	1.6	10	U	UG/L
	505BLK		LB	2514835	Naphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514823	Naphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514801	Naphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514777	Naphthalene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514835	Nitrobenzene	1/31/2010	20	1	20	U	UG/L
	505BLK		LB	2514777	Nitrobenzene	1/31/2010	20	1	20	U	UG/L
	505BLK		LB	2514801	Nitrobenzene	1/31/2010	20	1	20	U	UG/L
	505BLK		LB	2514823	Nitrobenzene	1/31/2010	20	1	20	U	UG/L
	505BLK		LB	2514835	n-Nitrosodi-n-propylamine	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514777	n-Nitrosodi-n-propylamine	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514823	n-Nitrosodi-n-propylamine	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514801	n-Nitrosodi-n-propylamine	1/31/2010	20	3	20	U	UG/L
	505BLK		LB	2514835	n-Nitrosodiphenylamine	1/31/2010	10	3.4	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	505BLK	WATER	LB	2514801	n-Nitrosodiphenylamine	1/31/2010	10	3.4	10	U	UG/L
	505BLK		LB	2514823	n-Nitrosodiphenylamine	1/31/2010	10	3.4	10	U	UG/L
	505BLK		LB	2514777	n-Nitrosodiphenylamine	1/31/2010	10	3.4	10	U	UG/L
	505BLK		LB	2514835	Pentachlorophenol	1/31/2010	60	1.4	60	U	UG/L
	505BLK		LB	2514823	Pentachlorophenol	1/31/2010	60	1.4	60	U	UG/L
	505BLK		LB	2514777	Pentachlorophenol	1/31/2010	60	1.4	60	U	UG/L
	505BLK		LB	2514801	Pentachlorophenol	1/31/2010	60	1.4	60	U	UG/L
	505BLK		LB	2514835	Phenanthrene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514777	Phenanthrene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514801	Phenanthrene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514823	Phenanthrene	1/31/2010	10	2.8	10	U	UG/L
	505BLK		LB	2514835	Phenol	1/31/2010	10	1.7	10	R	UG/L
	505BLK		LB	2514823	Phenol	1/31/2010	10	1.7	10	R	UG/L
	505BLK		LB	2514777	Phenol	1/31/2010	10	1.7	10	R	UG/L
	505BLK		LB	2514801	Phenol	1/31/2010	10	1.7	10	R	UG/L
	505BLK		LB	2514835	Pyrene	1/31/2010	10	1.2	10	U	UG/L
	505BLK		LB	2514823	Pyrene	1/31/2010	10	1.2	10	U	UG/L
	505BLK		LB	2514801	Pyrene	1/31/2010	10	1.2	10	U	UG/L
	505BLK		LB	2514777	Pyrene	1/31/2010	10	1.2	10	U	UG/L
	512BLK		LB	2514863	1,2-Dichlorobenzene	1/31/2010	10	2.6	10	U	UG/L
	512BLK		LB	2514863	1,2-Diphenylhydrazine	1/31/2010	10	3.1	10	U	UG/L
	512BLK		LB	2514863	1,3-Dinitrobenzene	1/31/2010	10	2.5	10	U	UG/L
	512BLK		LB	2514863	2,4,5-Trichlorophenol	1/31/2010	20	3.4	20	U	UG/L
	512BLK		LB	2514863	2,4,6-Trichlorophenol	1/31/2010	20	0.84	20	U	UG/L
	512BLK		LB	2514863	2,4-Dichlorophenol	1/31/2010	10	3.1	10	U	UG/L
	512BLK		LB	2514863	2,4-Dimethylphenol	1/31/2010	10	2.3	10	U	UG/L
	512BLK		LB	2514863	2,4-Dinitrophenol	1/31/2010	60	5.6	60	U	UG/L
	512BLK		LB	2514863	2,4-Dinitrotoluene	1/31/2010	20	2.8	20	U	UG/L
	512BLK		LB	2514863	2,6-Dinitrotoluene	1/31/2010	20	2.8	20	U	UG/L
	512BLK		LB	2514863	2-Chloronaphthalene	1/31/2010	10	2.8	10	U	UG/L
	512BLK		LB	2514863	2-Chlorophenol	1/31/2010	10	2.9	10	U	UG/L
	512BLK		LB	2514863	2-Methylnaphthalene	1/31/2010	10	2.8	10	U	UG/L
	512BLK		LB	2514863	2-Methylphenol	1/31/2010	10	2.6	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	512BLK	WATER	LB	2514863	2-Nitroaniline	1/31/2010	50	3	50	U	UG/L
	512BLK		LB	2514863	2-Nitrophenol	1/31/2010	20	0.77	20	U	UG/L
	512BLK		LB	2514863	3,3'-Dichlorobenzidine	1/31/2010	20	2.7	20	U	UG/L
	512BLK		LB	2514863	3-Nitroaniline	1/31/2010	50	2.8	50	U	UG/L
	512BLK		LB	2514863	4,6-Dinitro-2-methylphenol	1/31/2010	60	0.68	60	U	UG/L
	512BLK		LB	2514863	4-Bromophenyl phenyl ether	1/31/2010	10	2.3	10	U	UG/L
	512BLK		LB	2514863	4-Chloro-3-methylphenol	1/31/2010	20	2.7	20	U	UG/L
	512BLK		LB	2514863	4-Chloroaniline	1/31/2010	20	3	20	U	UG/L
	512BLK		LB	2514863	4-Chlorophenyl phenyl ether	1/31/2010	10	2.5	10	U	UG/L
	512BLK		LB	2514863	4-Methylphenol	1/31/2010	20	6.1	20	U	UG/L
	512BLK		LB	2514863	4-Nitroaniline	1/31/2010	10	1.3	10	U	UG/L
	512BLK		LB	2514863	4-Nitrophenol	1/31/2010	50	1	50	U	UG/L
	512BLK		LB	2514863	Acenaphthene	1/31/2010	10	2.8	10	U	UG/L
	512BLK		LB	2514863	Acenaphthylene	1/31/2010	10	3	10	U	UG/L
	512BLK		LB	2514863	Anthracene	1/31/2010	10	2.8	10	U	UG/L
	512BLK		LB	2514863	Benzidine	1/31/2010	150	20	150	U	UG/L
	512BLK		LB	2514863	Benzo (a) pyrene	1/31/2010	10	2.8	10	U	UG/L
	512BLK		LB	2514863	Benzo (b) fluoranthene	1/31/2010	10	2.6	10	U	UG/L
	512BLK		LB	2514863	Benzo (g,h,i) perylene	1/31/2010	10	2.6	10	U	UG/L
	512BLK		LB	2514863	Benzo(a)anthracene	1/31/2010	10	2.6	10	U	UG/L
	512BLK		LB	2514863	Benzo(k)fluoranthene	1/31/2010	10	2.9	10	U	UG/L
	512BLK		LB	2514863	Benzoic acid	1/31/2010	60	14	60	R	UG/L
	512BLK		LB	2514863	Bis (2-chloroethoxy) methane	1/31/2010	10	3.5	10	U	UG/L
	512BLK		LB	2514863	Bis (2-chloroethyl) ether	1/31/2010	10	3	10	U	UG/L
	512BLK		LB	2514863	Bis (2-ethylhexyl) phthalate	1/31/2010	10	4.4	10	U	UG/L
	512BLK		LB	2514863	Butyl benzylphthalate	1/31/2010	20	3	20	U	UG/L
	512BLK		LB	2514863	Chrysene	1/31/2010	10	2.9	10	U	UG/L
	512BLK		LB	2514863	Dibenzo (a,h) anthracene	1/31/2010	10	1.2	10	U	UG/L
	512BLK		LB	2514863	Dibenzofuran	1/31/2010	10	2.7	10	U	UG/L
	512BLK		LB	2514863	Diethyl phthalate	1/31/2010	10	2.8	10	U	UG/L
	512BLK		LB	2514863	Dimethyl phthalate	1/31/2010	10	3	10	U	UG/L
	512BLK		LB	2514863	Di-n-butylphthalate	1/31/2010	20	0.86	20	U	UG/L
	512BLK		LB	2514863	Di-n-octylphthalate	1/31/2010	20	1.1	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	512BLK	WATER	LB	2514863	Fluoranthene	1/31/2010	20	2.8	20	U	UG/L
	512BLK		LB	2514863	Fluorene	1/31/2010	10	2.9	10	U	UG/L
	512BLK		LB	2514863	Hexachlorobenzene	1/31/2010	10	0.41	10	U	UG/L
	512BLK		LB	2514863	Hexachlorobutadiene	1/31/2010	10	2.5	10	U	UG/L
	512BLK		LB	2514863	Hexachlorocyclopentadiene	1/31/2010	10	0.82	10	U	UG/L
	512BLK		LB	2514863	Hexachloroethane	1/31/2010	10	2.6	10	U	UG/L
	512BLK		LB	2514863	Indeno(1,2,3-cd)pyrene	1/31/2010	10	1.6	10	U	UG/L
	512BLK		LB	2514863	Naphthalene	1/31/2010	10	2.8	10	U	UG/L
	512BLK		LB	2514863	Nitrobenzene	1/31/2010	20	1	20	U	UG/L
	512BLK		LB	2514863	n-Nitrosodi-n-propylamine	1/31/2010	20	3	20	U	UG/L
	512BLK		LB	2514863	n-Nitrosodiphenylamine	1/31/2010	10	3.4	10	U	UG/L
	512BLK		LB	2514863	Pentachlorophenol	1/31/2010	60	1.4	60	U	UG/L
	512BLK		LB	2514863	Phenanthrene	1/31/2010	10	2.8	10	U	UG/L
	512BLK		LB	2514863	Phenol	1/31/2010	10	1.7	10	U	UG/L
	512BLK		LB	2514863	Pyrene	1/31/2010	10	1.2	10	U	UG/L
	6984BLK		LB	2513819	1,2-Dichlorobenzene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513818	1,2-Dichlorobenzene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513827	1,2-Dichlorobenzene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513819	1,2-Diphenylhydrazine	10/14/2009	10	3.1	10	U	UG/L
	6984BLK		LB	2513818	1,2-Diphenylhydrazine	10/14/2009	10	3.1	10	U	UG/L
	6984BLK		LB	2513827	1,2-Diphenylhydrazine	10/14/2009	10	3.1	10	U	UG/L
	6984BLK		LB	2513818	1,3-Dinitrobenzene	10/14/2009	10	2.5	10	U	UG/L
	6984BLK		LB	2513827	1,3-Dinitrobenzene	10/14/2009	10	2.5	10	U	UG/L
	6984BLK		LB	2513819	1,3-Dinitrobenzene	10/14/2009	10	2.5	10	U	UG/L
	6984BLK		LB	2513819	2,4,5-Trichlorophenol	10/14/2009	20	3.4	20	U	UG/L
	6984BLK		LB	2513827	2,4,5-Trichlorophenol	10/14/2009	20	3.4	20	U	UG/L
	6984BLK		LB	2513818	2,4,5-Trichlorophenol	10/14/2009	20	3.4	20	U	UG/L
	6984BLK		LB	2513827	2,4,6-Trichlorophenol	10/14/2009	20	3.6	20	U	UG/L
	6984BLK		LB	2513818	2,4,6-Trichlorophenol	10/14/2009	20	3.6	20	U	UG/L
	6984BLK		LB	2513819	2,4,6-Trichlorophenol	10/14/2009	20	3.6	20	U	UG/L
	6984BLK		LB	2513827	2,4-Dichlorophenol	10/14/2009	10	3.1	10	U	UG/L
	6984BLK		LB	2513819	2,4-Dichlorophenol	10/14/2009	10	3.1	10	U	UG/L
	6984BLK		LB	2513818	2,4-Dichlorophenol	10/14/2009	10	3.1	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	6984BLK	WATER	LB	2513819	2,4-Dimethylphenol	10/14/2009	10	2.3	10	U	UG/L
	6984BLK		LB	2513827	2,4-Dimethylphenol	10/14/2009	10	2.3	10	U	UG/L
	6984BLK		LB	2513818	2,4-Dimethylphenol	10/14/2009	10	2.3	10	U	UG/L
	6984BLK		LB	2513819	2,4-Dinitrophenol	10/14/2009	60	5.6	60	U	UG/L
	6984BLK		LB	2513827	2,4-Dinitrophenol	10/14/2009	60	5.6	60	U	UG/L
	6984BLK		LB	2513818	2,4-Dinitrophenol	10/14/2009	60	5.6	60	U	UG/L
	6984BLK		LB	2513818	2,4-Dinitrotoluene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513827	2,4-Dinitrotoluene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513819	2,4-Dinitrotoluene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513819	2,6-Dinitrotoluene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513818	2,6-Dinitrotoluene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513827	2,6-Dinitrotoluene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513827	2-Chloronaphthalene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513818	2-Chloronaphthalene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513819	2-Chloronaphthalene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513827	2-Chlorophenol	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513818	2-Chlorophenol	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513819	2-Chlorophenol	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513818	2-Methylnaphthalene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513827	2-Methylnaphthalene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513819	2-Methylnaphthalene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513818	2-Methylphenol	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513827	2-Methylphenol	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513819	2-Methylphenol	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513827	2-Nitroaniline	10/14/2009	50	3	50	U	UG/L
	6984BLK		LB	2513819	2-Nitroaniline	10/14/2009	50	3	50	U	UG/L
	6984BLK		LB	2513818	2-Nitroaniline	10/14/2009	50	3	50	U	UG/L
	6984BLK		LB	2513819	2-Nitrophenol	10/14/2009	20	3.4	20	U	UG/L
	6984BLK		LB	2513818	2-Nitrophenol	10/14/2009	20	3.4	20	U	UG/L
	6984BLK		LB	2513827	2-Nitrophenol	10/14/2009	20	3.4	20	U	UG/L
	6984BLK		LB	2513819	3,3'-Dichlorobenzidine	10/14/2009	20	2.7	20	U	UG/L
	6984BLK		LB	2513818	3,3'-Dichlorobenzidine	10/14/2009	20	2.7	20	U	UG/L
	6984BLK		LB	2513827	3,3'-Dichlorobenzidine	10/14/2009	20	2.7	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	6984BLK	WATER	LB	2513827	3-Nitroaniline	10/14/2009	50	2.8	50	U	UG/L
	6984BLK		LB	2513818	3-Nitroaniline	10/14/2009	50	2.8	50	U	UG/L
	6984BLK		LB	2513819	3-Nitroaniline	10/14/2009	50	2.8	50	U	UG/L
	6984BLK		LB	2513818	4,6-Dinitro-2-methylphenol	10/14/2009	60	3.3	60	U	UG/L
	6984BLK		LB	2513819	4,6-Dinitro-2-methylphenol	10/14/2009	60	3.3	60	U	UG/L
	6984BLK		LB	2513827	4,6-Dinitro-2-methylphenol	10/14/2009	60	3.3	60	U	UG/L
	6984BLK		LB	2513819	4-Bromophenyl phenyl ether	10/14/2009	10	2.3	10	U	UG/L
	6984BLK		LB	2513818	4-Bromophenyl phenyl ether	10/14/2009	10	2.3	10	U	UG/L
	6984BLK		LB	2513827	4-Bromophenyl phenyl ether	10/14/2009	10	2.3	10	U	UG/L
	6984BLK		LB	2513818	4-Chloro-3-methylphenol	10/14/2009	20	2.7	20	U	UG/L
	6984BLK		LB	2513827	4-Chloro-3-methylphenol	10/14/2009	20	2.7	20	U	UG/L
	6984BLK		LB	2513819	4-Chloro-3-methylphenol	10/14/2009	20	2.7	20	U	UG/L
	6984BLK		LB	2513819	4-Chloroaniline	10/14/2009	20	3	20	U	UG/L
	6984BLK		LB	2513818	4-Chloroaniline	10/14/2009	20	3	20	U	UG/L
	6984BLK		LB	2513827	4-Chloroaniline	10/14/2009	20	3	20	U	UG/L
	6984BLK		LB	2513818	4-Chlorophenyl phenyl ether	10/14/2009	10	2.5	10	U	UG/L
	6984BLK		LB	2513827	4-Chlorophenyl phenyl ether	10/14/2009	10	2.5	10	U	UG/L
	6984BLK		LB	2513819	4-Chlorophenyl phenyl ether	10/14/2009	10	2.5	10	U	UG/L
	6984BLK		LB	2513818	4-Methylphenol	10/14/2009	20	6.1	20	U	UG/L
	6984BLK		LB	2513827	4-Methylphenol	10/14/2009	20	6.1	20	U	UG/L
	6984BLK		LB	2513819	4-Methylphenol	10/14/2009	20	6.1	20	U	UG/L
	6984BLK		LB	2513827	4-Nitroaniline	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513818	4-Nitroaniline	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513819	4-Nitroaniline	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513827	4-Nitrophenol	10/14/2009	50	2.9	50	U	UG/L
	6984BLK		LB	2513818	4-Nitrophenol	10/14/2009	50	2.9	50	U	UG/L
	6984BLK		LB	2513819	4-Nitrophenol	10/14/2009	50	2.9	50	U	UG/L
	6984BLK		LB	2513819	Acenaphthene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513827	Acenaphthene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513818	Acenaphthene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513827	Acenaphthylene	10/14/2009	10	3	10	U	UG/L
	6984BLK		LB	2513819	Acenaphthylene	10/14/2009	10	3	10	U	UG/L
	6984BLK		LB	2513818	Acenaphthylene	10/14/2009	10	3	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	6984BLK	WATER	LB	2513827	Anthracene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513819	Anthracene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513818	Anthracene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513819	Benzidine	10/14/2009	150	20	150	U	UG/L
	6984BLK		LB	2513827	Benzidine	10/14/2009	150	20	150	U	UG/L
	6984BLK		LB	2513818	Benzidine	10/14/2009	150	20	150	U	UG/L
	6984BLK		LB	2513818	Benzo (a) pyrene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513827	Benzo (a) pyrene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513819	Benzo (a) pyrene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513819	Benzo (b) fluoranthene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513818	Benzo (b) fluoranthene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513827	Benzo (b) fluoranthene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513819	Benzo (g,h,i) perylene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513818	Benzo (g,h,i) perylene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513827	Benzo (g,h,i) perylene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513827	Benzo(a)anthracene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513818	Benzo(a)anthracene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513819	Benzo(a)anthracene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513818	Benzo(k)fluoranthene	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513827	Benzo(k)fluoranthene	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513819	Benzo(k)fluoranthene	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513818	Benzoic acid	10/14/2009	60	14	60	U	UG/L
	6984BLK		LB	2513827	Benzoic acid	10/14/2009	60	14	60	U	UG/L
	6984BLK		LB	2513819	Benzoic acid	10/14/2009	60	14	60	U	UG/L
	6984BLK		LB	2513827	Bis (2-chloroethoxy) methane	10/14/2009	10	3.5	10	U	UG/L
	6984BLK		LB	2513819	Bis (2-chloroethoxy) methane	10/14/2009	10	3.5	10	U	UG/L
	6984BLK		LB	2513818	Bis (2-chloroethoxy) methane	10/14/2009	10	3.5	10	U	UG/L
	6984BLK		LB	2513818	Bis (2-chloroethyl) ether	10/14/2009	10	3	10	U	UG/L
	6984BLK		LB	2513819	Bis (2-chloroethyl) ether	10/14/2009	10	3	10	U	UG/L
	6984BLK		LB	2513827	Bis (2-chloroethyl) ether	10/14/2009	10	3	10	U	UG/L
	6984BLK		LB	2513819	Bis (2-ethylhexyl) phthalate	10/14/2009	10	4.4	10	U	UG/L
	6984BLK		LB	2513818	Bis (2-ethylhexyl) phthalate	10/14/2009	10	4.4	10	U	UG/L
	6984BLK		LB	2513827	Bis (2-ethylhexyl) phthalate	10/14/2009	10	4.4	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	6984BLK	WATER	LB	2513819	Butyl benzylphthalate	10/14/2009	20	3	20	U	UG/L
	6984BLK		LB	2513827	Butyl benzylphthalate	10/14/2009	20	3	20	U	UG/L
	6984BLK		LB	2513818	Butyl benzylphthalate	10/14/2009	20	3	20	U	UG/L
	6984BLK		LB	2513819	Chrysene	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513827	Chrysene	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513818	Chrysene	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513827	Dibenzo (a,h) anthracene	10/14/2009	10	2.7	10	U	UG/L
	6984BLK		LB	2513819	Dibenzo (a,h) anthracene	10/14/2009	10	2.7	10	U	UG/L
	6984BLK		LB	2513818	Dibenzo (a,h) anthracene	10/14/2009	10	2.7	10	U	UG/L
	6984BLK		LB	2513818	Dibenzofuran	10/14/2009	10	2.7	10	U	UG/L
	6984BLK		LB	2513827	Dibenzofuran	10/14/2009	10	2.7	10	U	UG/L
	6984BLK		LB	2513819	Dibenzofuran	10/14/2009	10	2.7	10	U	UG/L
	6984BLK		LB	2513827	Diethyl phthalate	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513819	Diethyl phthalate	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513818	Diethyl phthalate	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513827	Dimethyl phthalate	10/14/2009	10	3	10	U	UG/L
	6984BLK		LB	2513819	Dimethyl phthalate	10/14/2009	10	3	10	U	UG/L
	6984BLK		LB	2513818	Dimethyl phthalate	10/14/2009	10	3	10	U	UG/L
	6984BLK		LB	2513818	Di-n-butylphthalate	10/14/2009	20	2.9	20	U	UG/L
	6984BLK		LB	2513827	Di-n-butylphthalate	10/14/2009	20	2.9	20	U	UG/L
	6984BLK		LB	2513819	Di-n-butylphthalate	10/14/2009	20	2.9	20	U	UG/L
	6984BLK		LB	2513827	Di-n-octylphthalate	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513819	Di-n-octylphthalate	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513818	Di-n-octylphthalate	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513819	Fluoranthene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513827	Fluoranthene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513818	Fluoranthene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513819	Fluorene	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513818	Fluorene	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513827	Fluorene	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513818	Hexachlorobenzene	10/14/2009	10	0.41	10	U	UG/L
	6984BLK		LB	2513819	Hexachlorobenzene	10/14/2009	10	0.41	10	U	UG/L
	6984BLK		LB	2513827	Hexachlorobenzene	10/14/2009	10	0.41	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	6984BLK	WATER	LB	2513827	Hexachlorobutadiene	10/14/2009	10	2.5	10	U	UG/L
	6984BLK		LB	2513819	Hexachlorobutadiene	10/14/2009	10	2.5	10	U	UG/L
	6984BLK		LB	2513818	Hexachlorobutadiene	10/14/2009	10	2.5	10	U	UG/L
	6984BLK		LB	2513819	Hexachlorocyclopentadiene	10/14/2009	10	2.2	10	U	UG/L
	6984BLK		LB	2513827	Hexachlorocyclopentadiene	10/14/2009	10	2.2	10	U	UG/L
	6984BLK		LB	2513818	Hexachlorocyclopentadiene	10/14/2009	10	2.2	10	U	UG/L
	6984BLK		LB	2513819	Hexachloroethane	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513827	Hexachloroethane	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513818	Hexachloroethane	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513827	Indeno(1,2,3-cd)pyrene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513818	Indeno(1,2,3-cd)pyrene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513819	Indeno(1,2,3-cd)pyrene	10/14/2009	10	2.6	10	U	UG/L
	6984BLK		LB	2513819	Naphthalene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513818	Naphthalene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513827	Naphthalene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513827	Nitrobenzene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513818	Nitrobenzene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513819	Nitrobenzene	10/14/2009	20	2.8	20	U	UG/L
	6984BLK		LB	2513827	n-Nitrosodi-n-propylamine	10/14/2009	20	3	20	U	UG/L
	6984BLK		LB	2513819	n-Nitrosodi-n-propylamine	10/14/2009	20	3	20	U	UG/L
	6984BLK		LB	2513818	n-Nitrosodi-n-propylamine	10/14/2009	20	3	20	U	UG/L
	6984BLK		LB	2513818	n-Nitrosodiphenylamine	10/14/2009	10	3.4	10	U	UG/L
	6984BLK		LB	2513819	n-Nitrosodiphenylamine	10/14/2009	10	3.4	10	U	UG/L
	6984BLK		LB	2513827	n-Nitrosodiphenylamine	10/14/2009	10	3.4	10	U	UG/L
	6984BLK		LB	2513827	Pentachlorophenol	10/14/2009	60	2.6	60	U	UG/L
	6984BLK		LB	2513818	Pentachlorophenol	10/14/2009	60	2.6	60	U	UG/L
	6984BLK		LB	2513819	Pentachlorophenol	10/14/2009	60	2.6	60	U	UG/L
	6984BLK		LB	2513818	Phenanthrene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513827	Phenanthrene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513819	Phenanthrene	10/14/2009	10	2.8	10	U	UG/L
	6984BLK		LB	2513819	Phenol	10/14/2009	10	1.7	10	U	UG/L
	6984BLK		LB	2513827	Phenol	10/14/2009	10	1.7	10	U	UG/L
	6984BLK		LB	2513818	Phenol	10/14/2009	10	1.7	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	6984BLK	WATER	LB	2513827	Pyrene	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513818	Pyrene	10/14/2009	10	2.9	10	U	UG/L
	6984BLK		LB	2513819	Pyrene	10/14/2009	10	2.9	10	U	UG/L
	6999BLKR		LB	2513858	1,2-Dichlorobenzene	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513832	1,2-Dichlorobenzene	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513832	1,2-Diphenylhydrazine	10/17/2009	10	3.1	10	U	UG/L
	6999BLKR		LB	2513858	1,2-Diphenylhydrazine	10/17/2009	10	3.1	10	U	UG/L
	6999BLKR		LB	2513858	1,3-Dinitrobenzene	10/17/2009	10	2.5	10	U	UG/L
	6999BLKR		LB	2513832	1,3-Dinitrobenzene	10/17/2009	10	2.5	10	U	UG/L
	6999BLKR		LB	2513858	2,4,5-Trichlorophenol	10/17/2009	20	3.4	20	U	UG/L
	6999BLKR		LB	2513832	2,4,5-Trichlorophenol	10/17/2009	20	3.4	20	U	UG/L
	6999BLKR		LB	2513832	2,4,6-Trichlorophenol	10/17/2009	20	3.6	20	U	UG/L
	6999BLKR		LB	2513858	2,4,6-Trichlorophenol	10/17/2009	20	3.6	20	U	UG/L
	6999BLKR		LB	2513858	2,4-Dichlorophenol	10/17/2009	10	3.1	10	U	UG/L
	6999BLKR		LB	2513832	2,4-Dichlorophenol	10/17/2009	10	3.1	10	U	UG/L
	6999BLKR		LB	2513832	2,4-Dimethylphenol	10/17/2009	10	2.3	10	U	UG/L
	6999BLKR		LB	2513858	2,4-Dimethylphenol	10/17/2009	10	2.3	10	U	UG/L
	6999BLKR		LB	2513832	2,4-Dinitrophenol	10/17/2009	60	5.6	60	U	UG/L
	6999BLKR		LB	2513858	2,4-Dinitrophenol	10/17/2009	60	5.6	60	U	UG/L
	6999BLKR		LB	2513858	2,4-Dinitrotoluene	10/17/2009	20	2.8	20	U	UG/L
	6999BLKR		LB	2513832	2,4-Dinitrotoluene	10/17/2009	20	2.8	20	U	UG/L
	6999BLKR		LB	2513832	2,6-Dinitrotoluene	10/17/2009	20	2.8	20	U	UG/L
	6999BLKR		LB	2513858	2,6-Dinitrotoluene	10/17/2009	20	2.8	20	U	UG/L
	6999BLKR		LB	2513832	2-Chloronaphthalene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513858	2-Chloronaphthalene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513832	2-Chlorophenol	10/17/2009	10	2.9	10	U	UG/L
	6999BLKR		LB	2513858	2-Chlorophenol	10/17/2009	10	2.9	10	U	UG/L
	6999BLKR		LB	2513858	2-Methylnaphthalene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513832	2-Methylnaphthalene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513832	2-Methylphenol	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513858	2-Methylphenol	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513832	2-Nitroaniline	10/17/2009	50	3	50	U	UG/L
	6999BLKR		LB	2513858	2-Nitroaniline	10/17/2009	50	3	50	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	6999BLKR	WATER	LB	2513832	2-Nitrophenol	10/17/2009	20	3.4	20	U	UG/L
	6999BLKR		LB	2513858	2-Nitrophenol	10/17/2009	20	3.4	20	U	UG/L
	6999BLKR		LB	2513832	3,3'-Dichlorobenzidine	10/17/2009	20	2.7	20	U	UG/L
	6999BLKR		LB	2513858	3,3'-Dichlorobenzidine	10/17/2009	20	2.7	20	U	UG/L
	6999BLKR		LB	2513858	3-Nitroaniline	10/17/2009	50	2.8	50	U	UG/L
	6999BLKR		LB	2513832	3-Nitroaniline	10/17/2009	50	2.8	50	U	UG/L
	6999BLKR		LB	2513858	4,6-Dinitro-2-methylphenol	10/17/2009	60	3.3	60	U	UG/L
	6999BLKR		LB	2513832	4,6-Dinitro-2-methylphenol	10/17/2009	60	3.3	60	U	UG/L
	6999BLKR		LB	2513832	4-Bromophenyl phenyl ether	10/17/2009	10	2.3	10	U	UG/L
	6999BLKR		LB	2513858	4-Bromophenyl phenyl ether	10/17/2009	10	2.3	10	U	UG/L
	6999BLKR		LB	2513832	4-Chloro-3-methylphenol	10/17/2009	20	2.7	20	U	UG/L
	6999BLKR		LB	2513858	4-Chloro-3-methylphenol	10/17/2009	20	2.7	20	U	UG/L
	6999BLKR		LB	2513858	4-Chloroaniline	10/17/2009	20	3	20	U	UG/L
	6999BLKR		LB	2513832	4-Chloroaniline	10/17/2009	20	3	20	U	UG/L
	6999BLKR		LB	2513858	4-Chlorophenyl phenyl ether	10/17/2009	10	2.5	10	U	UG/L
	6999BLKR		LB	2513832	4-Chlorophenyl phenyl ether	10/17/2009	10	2.5	10	U	UG/L
	6999BLKR		LB	2513832	4-Methylphenol	10/17/2009	20	6.1	20	U	UG/L
	6999BLKR		LB	2513858	4-Methylphenol	10/17/2009	20	6.1	20	U	UG/L
	6999BLKR		LB	2513858	4-Nitroaniline	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513832	4-Nitroaniline	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513858	4-Nitrophenol	10/17/2009	50	2.9	50	U	UG/L
	6999BLKR		LB	2513832	4-Nitrophenol	10/17/2009	50	2.9	50	U	UG/L
	6999BLKR		LB	2513858	Acenaphthene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513832	Acenaphthene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513858	Acenaphthylene	10/17/2009	10	3	10	U	UG/L
	6999BLKR		LB	2513832	Acenaphthylene	10/17/2009	10	3	10	U	UG/L
	6999BLKR		LB	2513858	Anthracene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513832	Anthracene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513832	Benzidine	10/17/2009	150	20	150	U	UG/L
	6999BLKR		LB	2513858	Benzidine	10/17/2009	150	20	150	U	UG/L
	6999BLKR		LB	2513858	Benzo (a) pyrene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513832	Benzo (a) pyrene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513858	Benzo (b) fluoranthene	10/17/2009	10	2.6	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	6999BLKR	WATER	LB	2513832	Benzo (b) fluoranthene	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513832	Benzo (g,h,i) perylene	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513858	Benzo (g,h,i) perylene	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513858	Benzo(a)anthracene	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513832	Benzo(a)anthracene	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513858	Benzo(k)fluoranthene	10/17/2009	10	2.9	10	U	UG/L
	6999BLKR		LB	2513832	Benzo(k)fluoranthene	10/17/2009	10	2.9	10	U	UG/L
	6999BLKR		LB	2513832	Benzoic acid	10/17/2009	60	14	60	U	UG/L
	6999BLKR		LB	2513858	Benzoic acid	10/17/2009	60	14	60	U	UG/L
	6999BLKR		LB	2513858	Bis (2-chloroethoxy) methane	10/17/2009	10	3.5	10	U	UG/L
	6999BLKR		LB	2513832	Bis (2-chloroethoxy) methane	10/17/2009	10	3.5	10	U	UG/L
	6999BLKR		LB	2513858	Bis (2-chloroethyl) ether	10/17/2009	10	3	10	U	UG/L
	6999BLKR		LB	2513832	Bis (2-chloroethyl) ether	10/17/2009	10	3	10	U	UG/L
	6999BLKR		LB	2513858	Bis (2-ethylhexyl) phthalate	10/17/2009	10	4.4	10	U	UG/L
	6999BLKR		LB	2513832	Bis (2-ethylhexyl) phthalate	10/17/2009	10	4.4	10	U	UG/L
	6999BLKR		LB	2513858	Butyl benzylphthalate	10/17/2009	20	3	20	U	UG/L
	6999BLKR		LB	2513832	Butyl benzylphthalate	10/17/2009	20	3	20	U	UG/L
	6999BLKR		LB	2513858	Chrysene	10/17/2009	10	2.9	10	U	UG/L
	6999BLKR		LB	2513832	Chrysene	10/17/2009	10	2.9	10	U	UG/L
	6999BLKR		LB	2513858	Dibenzo (a,h) anthracene	10/17/2009	10	2.7	10	U	UG/L
	6999BLKR		LB	2513832	Dibenzo (a,h) anthracene	10/17/2009	10	2.7	10	U	UG/L
	6999BLKR		LB	2513832	Dibenzofuran	10/17/2009	10	2.7	10	U	UG/L
	6999BLKR		LB	2513858	Dibenzofuran	10/17/2009	10	2.7	10	U	UG/L
	6999BLKR		LB	2513832	Diethyl phthalate	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513858	Diethyl phthalate	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513858	Dimethyl phthalate	10/17/2009	10	3	10	U	UG/L
	6999BLKR		LB	2513832	Dimethyl phthalate	10/17/2009	10	3	10	U	UG/L
	6999BLKR		LB	2513858	Di-n-butylphthalate	10/17/2009	20	2.9	20	U	UG/L
	6999BLKR		LB	2513832	Di-n-butylphthalate	10/17/2009	20	2.9	20	U	UG/L
	6999BLKR		LB	2513858	Di-n-octylphthalate	10/17/2009	20	2.8	20	U	UG/L
	6999BLKR		LB	2513832	Di-n-octylphthalate	10/17/2009	20	2.8	20	U	UG/L
	6999BLKR		LB	2513858	Fluoranthene	10/17/2009	20	2.8	20	U	UG/L
	6999BLKR		LB	2513832	Fluoranthene	10/17/2009	20	2.8	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	6999BLKR	WATER	LB	2513832	Fluorene	10/17/2009	10	2.9	10	U	UG/L
	6999BLKR		LB	2513858	Fluorene	10/17/2009	10	2.9	10	U	UG/L
	6999BLKR		LB	2513858	Hexachlorobenzene	10/17/2009	10	0.41	10	U	UG/L
	6999BLKR		LB	2513832	Hexachlorobenzene	10/17/2009	10	0.41	10	U	UG/L
	6999BLKR		LB	2513832	Hexachlorobutadiene	10/17/2009	10	2.5	10	U	UG/L
	6999BLKR		LB	2513858	Hexachlorobutadiene	10/17/2009	10	2.5	10	U	UG/L
	6999BLKR		LB	2513832	Hexachlorocyclopentadiene	10/17/2009	10	2.2	10	U	UG/L
	6999BLKR		LB	2513858	Hexachlorocyclopentadiene	10/17/2009	10	2.2	10	U	UG/L
	6999BLKR		LB	2513858	Hexachloroethane	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513832	Hexachloroethane	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513832	Indeno(1,2,3-cd)pyrene	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513858	Indeno(1,2,3-cd)pyrene	10/17/2009	10	2.6	10	U	UG/L
	6999BLKR		LB	2513858	Naphthalene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513832	Naphthalene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513858	Nitrobenzene	10/17/2009	20	2.8	20	U	UG/L
	6999BLKR		LB	2513832	Nitrobenzene	10/17/2009	20	2.8	20	U	UG/L
	6999BLKR		LB	2513858	n-Nitrosodi-n-propylamine	10/17/2009	20	3	20	U	UG/L
	6999BLKR		LB	2513832	n-Nitrosodi-n-propylamine	10/17/2009	20	3	20	U	UG/L
	6999BLKR		LB	2513858	n-Nitrosodiphenylamine	10/17/2009	10	3.4	10	U	UG/L
	6999BLKR		LB	2513832	n-Nitrosodiphenylamine	10/17/2009	10	3.4	10	U	UG/L
	6999BLKR		LB	2513832	Pentachlorophenol	10/17/2009	60	2.6	60	U	UG/L
	6999BLKR		LB	2513858	Pentachlorophenol	10/17/2009	60	2.6	60	U	UG/L
	6999BLKR		LB	2513858	Phenanthrene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513832	Phenanthrene	10/17/2009	10	2.8	10	U	UG/L
	6999BLKR		LB	2513832	Phenol	10/17/2009	10	1.7	10	U	UG/L
	6999BLKR		LB	2513858	Phenol	10/17/2009	10	1.7	10	U	UG/L
	6999BLKR		LB	2513858	Pyrene	10/17/2009	10	2.9	10	U	UG/L
	6999BLKR		LB	2513832	Pyrene	10/17/2009	10	2.9	10	U	UG/L
	7040BLK		LB	2513902	1,2-Dichlorobenzene	10/21/2009	10	2.6	10	U	UG/L
	7040BLK		LB	2513902	1,2-Diphenylhydrazine	10/21/2009	10	3.1	10	U	UG/L
	7040BLK		LB	2513902	1,3-Dinitrobenzene	10/21/2009	10	2.5	10	U	UG/L
	7040BLK		LB	2513902	2,4,5-Trichlorophenol	10/21/2009	20	3.4	20	U	UG/L
	7040BLK		LB	2513902	2,4,6-Trichlorophenol	10/21/2009	20	3.6	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7040BLK	WATER	LB	2513902	2,4-Dichlorophenol	10/21/2009	10	3.1	10	U	UG/L
	7040BLK		LB	2513902	2,4-Dimethylphenol	10/21/2009	10	2.3	10	U	UG/L
	7040BLK		LB	2513902	2,4-Dinitrophenol	10/21/2009	60	5.6	60	U	UG/L
	7040BLK		LB	2513902	2,4-Dinitrotoluene	10/21/2009	20	2.8	20	U	UG/L
	7040BLK		LB	2513902	2,6-Dinitrotoluene	10/21/2009	20	2.8	20	U	UG/L
	7040BLK		LB	2513902	2-Chloronaphthalene	10/21/2009	10	2.8	10	U	UG/L
	7040BLK		LB	2513902	2-Chlorophenol	10/21/2009	10	2.9	10	U	UG/L
	7040BLK		LB	2513902	2-Methylnaphthalene	10/21/2009	10	2.8	10	U	UG/L
	7040BLK		LB	2513902	2-Methylphenol	10/21/2009	10	2.6	10	U	UG/L
	7040BLK		LB	2513902	2-Nitroaniline	10/21/2009	50	3	50	U	UG/L
	7040BLK		LB	2513902	2-Nitrophenol	10/21/2009	20	3.4	20	U	UG/L
	7040BLK		LB	2513902	3,3'-Dichlorobenzidine	10/21/2009	20	2.7	20	U	UG/L
	7040BLK		LB	2513902	3-Nitroaniline	10/21/2009	50	2.8	50	U	UG/L
	7040BLK		LB	2513902	4,6-Dinitro-2-methylphenol	10/21/2009	60	3.3	60	U	UG/L
	7040BLK		LB	2513902	4-Bromophenyl phenyl ether	10/21/2009	10	2.3	10	U	UG/L
	7040BLK		LB	2513902	4-Chloro-3-methylphenol	10/21/2009	20	2.7	20	U	UG/L
	7040BLK		LB	2513902	4-Chloroaniline	10/21/2009	20	3	20	U	UG/L
	7040BLK		LB	2513902	4-Chlorophenyl phenyl ether	10/21/2009	10	2.5	10	U	UG/L
	7040BLK		LB	2513902	4-Methylphenol	10/21/2009	20	6.1	20	U	UG/L
	7040BLK		LB	2513902	4-Nitroaniline	10/21/2009	10	2.8	10	U	UG/L
	7040BLK		LB	2513902	4-Nitrophenol	10/21/2009	50	2.9	50	U	UG/L
	7040BLK		LB	2513902	Acenaphthene	10/21/2009	10	2.8	10	U	UG/L
	7040BLK		LB	2513902	Acenaphthylene	10/21/2009	10	3	10	U	UG/L
	7040BLK		LB	2513902	Anthracene	10/21/2009	10	2.8	10	U	UG/L
	7040BLK		LB	2513902	Benzidine	10/21/2009	150	20	150	U	UG/L
	7040BLK		LB	2513902	Benzo (a) pyrene	10/21/2009	10	2.8	10	U	UG/L
	7040BLK		LB	2513902	Benzo (b) fluoranthene	10/21/2009	10	2.6	10	U	UG/L
	7040BLK		LB	2513902	Benzo (g,h,i) perylene	10/21/2009	10	2.6	10	U	UG/L
	7040BLK		LB	2513902	Benzo(a)anthracene	10/21/2009	10	2.6	10	U	UG/L
	7040BLK		LB	2513902	Benzo(k)fluoranthene	10/21/2009	10	2.9	10	U	UG/L
	7040BLK		LB	2513902	Benzoic acid	10/21/2009	60	14	60	U	UG/L
	7040BLK		LB	2513902	Bis (2-chloroethoxy) methane	10/21/2009	10	3.5	10	U	UG/L
	7040BLK		LB	2513902	Bis (2-chloroethyl) ether	10/21/2009	10	3	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7040BLK	WATER	LB	2513902	Bis (2-ethylhexyl) phthalate	10/21/2009	10	4.4	10	U	UG/L
	7040BLK		LB	2513902	Butyl benzylphthalate	10/21/2009	20	3	20	U	UG/L
	7040BLK		LB	2513902	Chrysene	10/21/2009	10	2.9	10	U	UG/L
	7040BLK		LB	2513902	Dibenzo (a,h) anthracene	10/21/2009	10	2.7	10	U	UG/L
	7040BLK		LB	2513902	Dibenzofuran	10/21/2009	10	2.7	10	U	UG/L
	7040BLK		LB	2513902	Diethyl phthalate	10/21/2009	10	2.8	10	U	UG/L
	7040BLK		LB	2513902	Dimethyl phthalate	10/21/2009	10	3	10	U	UG/L
	7040BLK		LB	2513902	Di-n-butylphthalate	10/21/2009	20	2.9	20	U	UG/L
	7040BLK		LB	2513902	Di-n-octylphthalate	10/21/2009	20	2.8	20	U	UG/L
	7040BLK		LB	2513902	Fluoranthene	10/21/2009	20	2.8	20	U	UG/L
	7040BLK		LB	2513902	Fluorene	10/21/2009	10	2.9	10	U	UG/L
	7040BLK		LB	2513902	Hexachlorobenzene	10/21/2009	10	0.41	10	U	UG/L
	7040BLK		LB	2513902	Hexachlorobutadiene	10/21/2009	10	2.5	10	U	UG/L
	7040BLK		LB	2513902	Hexachlorocyclopentadiene	10/21/2009	10	2.2	10	U	UG/L
	7040BLK		LB	2513902	Hexachloroethane	10/21/2009	10	2.6	10	U	UG/L
	7040BLK		LB	2513902	Indeno(1,2,3-cd)pyrene	10/21/2009	10	2.6	10	U	UG/L
	7040BLK		LB	2513902	Naphthalene	10/21/2009	10	2.8	10	U	UG/L
	7040BLK		LB	2513902	Nitrobenzene	10/21/2009	20	2.8	20	U	UG/L
	7040BLK		LB	2513902	n-Nitrosodi-n-propylamine	10/21/2009	20	3	20	U	UG/L
	7040BLK		LB	2513902	n-Nitrosodiphenylamine	10/21/2009	10	3.4	10	U	UG/L
	7040BLK		LB	2513902	Pentachlorophenol	10/21/2009	60	2.6	60	U	UG/L
	7040BLK		LB	2513902	Phenanthrene	10/21/2009	10	2.8	10	U	UG/L
	7040BLK		LB	2513902	Phenol	10/21/2009	10	1.7	10	U	UG/L
	7040BLK		LB	2513902	Pyrene	10/21/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513922	1,2-Dichlorobenzene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513891	1,2-Dichlorobenzene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513871	1,2-Dichlorobenzene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513925	1,2-Dichlorobenzene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513871	1,2-Diphenylhydrazine	10/22/2009	10	3.1	10	U	UG/L
	7046BLK		LB	2513922	1,2-Diphenylhydrazine	10/22/2009	10	3.1	10	U	UG/L
	7046BLK		LB	2513925	1,2-Diphenylhydrazine	10/22/2009	10	3.1	10	U	UG/L
	7046BLK		LB	2513891	1,2-Diphenylhydrazine	10/22/2009	10	3.1	10	U	UG/L
	7046BLK		LB	2513925	1,3-Dinitrobenzene	10/22/2009	10	2.5	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7046BLK	WATER	LB	2513925	1,3-Dinitrobenzene	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513922	1,3-Dinitrobenzene	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513891	1,3-Dinitrobenzene	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513871	1,3-Dinitrobenzene	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513925	2,4,5-Trichlorophenol	10/22/2009	20	3.4	20	U	UG/L
	7046BLK		LB	2513891	2,4,5-Trichlorophenol	10/22/2009	20	3.4	20	U	UG/L
	7046BLK		LB	2513922	2,4,5-Trichlorophenol	10/22/2009	20	3.4	20	U	UG/L
	7046BLK		LB	2513871	2,4,5-Trichlorophenol	10/22/2009	20	3.4	20	U	UG/L
	7046BLK		LB	2513925	2,4,6-Trichlorophenol	10/22/2009	20	3.6	20	U	UG/L
	7046BLK		LB	2513891	2,4,6-Trichlorophenol	10/22/2009	20	3.6	20	U	UG/L
	7046BLK		LB	2513922	2,4,6-Trichlorophenol	10/22/2009	20	3.6	20	U	UG/L
	7046BLK		LB	2513871	2,4,6-Trichlorophenol	10/22/2009	20	3.6	20	U	UG/L
	7046BLK		LB	2513871	2,4-Dichlorophenol	10/22/2009	10	3.1	10	U	UG/L
	7046BLK		LB	2513925	2,4-Dichlorophenol	10/22/2009	10	3.1	10	U	UG/L
	7046BLK		LB	2513922	2,4-Dichlorophenol	10/22/2009	10	3.1	10	U	UG/L
	7046BLK		LB	2513891	2,4-Dichlorophenol	10/22/2009	10	3.1	10	U	UG/L
	7046BLK		LB	2513891	2,4-Dimethylphenol	10/22/2009	10	2.3	10	U	UG/L
	7046BLK		LB	2513922	2,4-Dimethylphenol	10/22/2009	10	2.3	10	U	UG/L
	7046BLK		LB	2513871	2,4-Dimethylphenol	10/22/2009	10	2.3	10	U	UG/L
	7046BLK		LB	2513925	2,4-Dimethylphenol	10/22/2009	10	2.3	10	U	UG/L
	7046BLK		LB	2513871	2,4-Dinitrophenol	10/22/2009	60	5.6	60	U	UG/L
	7046BLK		LB	2513925	2,4-Dinitrophenol	10/22/2009	60	5.6	60	U	UG/L
	7046BLK		LB	2513891	2,4-Dinitrophenol	10/22/2009	60	5.6	60	U	UG/L
	7046BLK		LB	2513922	2,4-Dinitrophenol	10/22/2009	60	5.6	60	U	UG/L
	7046BLK		LB	2513925	2,4-Dinitrotoluene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513871	2,4-Dinitrotoluene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513922	2,4-Dinitrotoluene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513891	2,4-Dinitrotoluene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513925	2,6-Dinitrotoluene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513922	2,6-Dinitrotoluene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513891	2,6-Dinitrotoluene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513871	2,6-Dinitrotoluene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513891	2-Chloronaphthalene	10/22/2009	10	2.8	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7046BLK	WATER	LB	2513871	2-Chloronaphthalene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513925	2-Chloronaphthalene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513922	2-Chloronaphthalene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513871	2-Chlorophenol	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513922	2-Chlorophenol	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513891	2-Chlorophenol	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513925	2-Chlorophenol	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513891	2-Methylnaphthalene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513871	2-Methylnaphthalene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513922	2-Methylnaphthalene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513925	2-Methylnaphthalene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513922	2-Methylphenol	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513871	2-Methylphenol	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513925	2-Methylphenol	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513891	2-Methylphenol	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513922	2-Nitroaniline	10/22/2009	50	3	50	U	UG/L
	7046BLK		LB	2513891	2-Nitroaniline	10/22/2009	50	3	50	U	UG/L
	7046BLK		LB	2513925	2-Nitroaniline	10/22/2009	50	3	50	U	UG/L
	7046BLK		LB	2513871	2-Nitroaniline	10/22/2009	50	3	50	U	UG/L
	7046BLK		LB	2513891	2-Nitrophenol	10/22/2009	20	3.4	20	U	UG/L
	7046BLK		LB	2513922	2-Nitrophenol	10/22/2009	20	3.4	20	U	UG/L
	7046BLK		LB	2513925	2-Nitrophenol	10/22/2009	20	3.4	20	U	UG/L
	7046BLK		LB	2513871	2-Nitrophenol	10/22/2009	20	3.4	20	U	UG/L
	7046BLK		LB	2513871	3,3'-Dichlorobenzidine	10/22/2009	20	2.7	20	U	UG/L
	7046BLK		LB	2513922	3,3'-Dichlorobenzidine	10/22/2009	20	2.7	20	U	UG/L
	7046BLK		LB	2513891	3,3'-Dichlorobenzidine	10/22/2009	20	2.7	20	U	UG/L
	7046BLK		LB	2513925	3,3'-Dichlorobenzidine	10/22/2009	20	2.7	20	U	UG/L
	7046BLK		LB	2513925	3-Nitroaniline	10/22/2009	50	2.8	50	U	UG/L
	7046BLK		LB	2513891	3-Nitroaniline	10/22/2009	50	2.8	50	U	UG/L
	7046BLK		LB	2513922	3-Nitroaniline	10/22/2009	50	2.8	50	U	UG/L
	7046BLK		LB	2513871	3-Nitroaniline	10/22/2009	50	2.8	50	U	UG/L
	7046BLK		LB	2513891	4,6-Dinitro-2-methylphenol	10/22/2009	60	3.3	60	U	UG/L
	7046BLK		LB	2513871	4,6-Dinitro-2-methylphenol	10/22/2009	60	3.3	60	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7046BLK	WATER	LB	2513925	4,6-Dinitro-2-methylphenol	10/22/2009	60	3.3	60	U	UG/L
	7046BLK		LB	2513922	4,6-Dinitro-2-methylphenol	10/22/2009	60	3.3	60	U	UG/L
	7046BLK		LB	2513871	4-Bromophenyl phenyl ether	10/22/2009	10	2.3	10	U	UG/L
	7046BLK		LB	2513891	4-Bromophenyl phenyl ether	10/22/2009	10	2.3	10	U	UG/L
	7046BLK		LB	2513925	4-Bromophenyl phenyl ether	10/22/2009	10	2.3	10	U	UG/L
	7046BLK		LB	2513922	4-Bromophenyl phenyl ether	10/22/2009	10	2.3	10	U	UG/L
	7046BLK		LB	2513891	4-Chloro-3-methylphenol	10/22/2009	20	2.7	20	U	UG/L
	7046BLK		LB	2513871	4-Chloro-3-methylphenol	10/22/2009	20	2.7	20	U	UG/L
	7046BLK		LB	2513922	4-Chloro-3-methylphenol	10/22/2009	20	2.7	20	U	UG/L
	7046BLK		LB	2513925	4-Chloro-3-methylphenol	10/22/2009	20	2.7	20	U	UG/L
	7046BLK		LB	2513891	4-Chloroaniline	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513871	4-Chloroaniline	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513922	4-Chloroaniline	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513925	4-Chloroaniline	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513925	4-Chlorophenyl phenyl ether	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513922	4-Chlorophenyl phenyl ether	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513871	4-Chlorophenyl phenyl ether	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513891	4-Chlorophenyl phenyl ether	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513891	4-Methylphenol	10/22/2009	20	6.1	20	U	UG/L
	7046BLK		LB	2513871	4-Methylphenol	10/22/2009	20	6.1	20	U	UG/L
	7046BLK		LB	2513925	4-Methylphenol	10/22/2009	20	6.1	20	U	UG/L
	7046BLK		LB	2513922	4-Methylphenol	10/22/2009	20	6.1	20	U	UG/L
	7046BLK		LB	2513925	4-Nitroaniline	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513871	4-Nitroaniline	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513922	4-Nitroaniline	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513891	4-Nitroaniline	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513891	4-Nitrophenol	10/22/2009	50	2.9	50	U	UG/L
	7046BLK		LB	2513922	4-Nitrophenol	10/22/2009	50	2.9	50	U	UG/L
	7046BLK		LB	2513871	4-Nitrophenol	10/22/2009	50	2.9	50	U	UG/L
	7046BLK		LB	2513925	4-Nitrophenol	10/22/2009	50	2.9	50	R	UG/L
	7046BLK		LB	2513871	Acenaphthene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513891	Acenaphthene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513922	Acenaphthene	10/22/2009	10	2.8	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7046BLK	WATER	LB	2513925	Acenaphthene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513871	Acenaphthylene	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513922	Acenaphthylene	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513925	Acenaphthylene	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513891	Acenaphthylene	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513871	Anthracene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513891	Anthracene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513925	Anthracene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513922	Anthracene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513925	Benzidine	10/22/2009	150	20	150	R	UG/L
	7046BLK		LB	2513922	Benzidine	10/22/2009	150	20	150	U	UG/L
	7046BLK		LB	2513871	Benzidine	10/22/2009	150	20	150	U	UG/L
	7046BLK		LB	2513891	Benzidine	10/22/2009	150	20	150	U	UG/L
	7046BLK		LB	2513891	Benzo (a) pyrene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513922	Benzo (a) pyrene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513925	Benzo (a) pyrene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513871	Benzo (a) pyrene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513922	Benzo (b) fluoranthene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513925	Benzo (b) fluoranthene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513891	Benzo (b) fluoranthene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513871	Benzo (b) fluoranthene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513871	Benzo (g,h,i) perylene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513922	Benzo (g,h,i) perylene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513891	Benzo (g,h,i) perylene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513925	Benzo (g,h,i) perylene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513891	Benzo(a)anthracene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513922	Benzo(a)anthracene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513925	Benzo(a)anthracene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513871	Benzo(a)anthracene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513891	Benzo(k)fluoranthene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513922	Benzo(k)fluoranthene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513871	Benzo(k)fluoranthene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513925	Benzo(k)fluoranthene	10/22/2009	10	2.9	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7046BLK	WATER	LB	2513922	Benzoic acid	10/22/2009	60	14	60	U	UG/L
	7046BLK		LB	2513891	Benzoic acid	10/22/2009	60	14	60	U	UG/L
	7046BLK		LB	2513925	Benzoic acid	10/22/2009	60	14	60	U	UG/L
	7046BLK		LB	2513871	Benzoic acid	10/22/2009	60	14	60	U	UG/L
	7046BLK		LB	2513891	Bis (2-chloroethoxy) methane	10/22/2009	10	3.5	10	U	UG/L
	7046BLK		LB	2513925	Bis (2-chloroethoxy) methane	10/22/2009	10	3.5	10	U	UG/L
	7046BLK		LB	2513922	Bis (2-chloroethoxy) methane	10/22/2009	10	3.5	10	U	UG/L
	7046BLK		LB	2513871	Bis (2-chloroethoxy) methane	10/22/2009	10	3.5	10	U	UG/L
	7046BLK		LB	2513925	Bis (2-chloroethyl) ether	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513922	Bis (2-chloroethyl) ether	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513871	Bis (2-chloroethyl) ether	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513891	Bis (2-chloroethyl) ether	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513871	Bis (2-ethylhexyl) phthalate	10/22/2009	10	4.4	10	U	UG/L
	7046BLK		LB	2513891	Bis (2-ethylhexyl) phthalate	10/22/2009	10	4.4	10	U	UG/L
	7046BLK		LB	2513925	Bis (2-ethylhexyl) phthalate	10/22/2009	10	4.4	10	U	UG/L
	7046BLK		LB	2513922	Bis (2-ethylhexyl) phthalate	10/22/2009	10	4.4	10	U	UG/L
	7046BLK		LB	2513891	Butyl benzylphthalate	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513871	Butyl benzylphthalate	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513922	Butyl benzylphthalate	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513925	Butyl benzylphthalate	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513871	Chrysene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513922	Chrysene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513925	Chrysene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513891	Chrysene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513891	Dibenzo (a,h) anthracene	10/22/2009	10	2.7	10	U	UG/L
	7046BLK		LB	2513871	Dibenzo (a,h) anthracene	10/22/2009	10	2.7	10	U	UG/L
	7046BLK		LB	2513922	Dibenzo (a,h) anthracene	10/22/2009	10	2.7	10	U	UG/L
	7046BLK		LB	2513925	Dibenzo (a,h) anthracene	10/22/2009	10	2.7	10	U	UG/L
	7046BLK		LB	2513925	Dibenzofuran	10/22/2009	10	2.7	10	U	UG/L
	7046BLK		LB	2513871	Dibenzofuran	10/22/2009	10	2.7	10	U	UG/L
	7046BLK		LB	2513922	Dibenzofuran	10/22/2009	10	2.7	10	U	UG/L
	7046BLK		LB	2513891	Dibenzofuran	10/22/2009	10	2.7	10	U	UG/L
	7046BLK		LB	2513891	Diethyl phthalate	10/22/2009	10	2.8	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7046BLK	WATER	LB	2513922	Diethyl phthalate	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513925	Diethyl phthalate	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513871	Diethyl phthalate	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513871	Dimethyl phthalate	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513925	Dimethyl phthalate	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513891	Dimethyl phthalate	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513922	Dimethyl phthalate	10/22/2009	10	3	10	U	UG/L
	7046BLK		LB	2513891	Di-n-butylphthalate	10/22/2009	20	2.9	20	U	UG/L
	7046BLK		LB	2513922	Di-n-butylphthalate	10/22/2009	20	2.9	20	U	UG/L
	7046BLK		LB	2513871	Di-n-butylphthalate	10/22/2009	20	2.9	20	U	UG/L
	7046BLK		LB	2513925	Di-n-butylphthalate	10/22/2009	20	2.9	20	U	UG/L
	7046BLK		LB	2513871	Di-n-octylphthalate	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513925	Di-n-octylphthalate	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513891	Di-n-octylphthalate	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513922	Di-n-octylphthalate	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513871	Fluoranthene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513925	Fluoranthene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513891	Fluoranthene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513922	Fluoranthene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513925	Fluorene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513891	Fluorene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513871	Fluorene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513922	Fluorene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513925	Hexachlorobenzene	10/22/2009	10	0.41	10	U	UG/L
	7046BLK		LB	2513922	Hexachlorobenzene	10/22/2009	10	0.41	10	U	UG/L
	7046BLK		LB	2513871	Hexachlorobenzene	10/22/2009	10	0.41	10	U	UG/L
	7046BLK		LB	2513891	Hexachlorobenzene	10/22/2009	10	0.41	10	U	UG/L
	7046BLK		LB	2513891	Hexachlorobutadiene	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513925	Hexachlorobutadiene	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513922	Hexachlorobutadiene	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513871	Hexachlorobutadiene	10/22/2009	10	2.5	10	U	UG/L
	7046BLK		LB	2513925	Hexachlorocyclopentadiene	10/22/2009	10	2.2	10	U	UG/L
	7046BLK		LB	2513891	Hexachlorocyclopentadiene	10/22/2009	10	2.2	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7046BLK	WATER	LB	2513871	Hexachlorocyclopentadiene	10/22/2009	10	2.2	10	U	UG/L
	7046BLK		LB	2513922	Hexachlorocyclopentadiene	10/22/2009	10	2.2	10	U	UG/L
	7046BLK		LB	2513925	Hexachloroethane	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513871	Hexachloroethane	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513922	Hexachloroethane	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513891	Hexachloroethane	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513891	Indeno(1,2,3-cd)pyrene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513922	Indeno(1,2,3-cd)pyrene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513925	Indeno(1,2,3-cd)pyrene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513871	Indeno(1,2,3-cd)pyrene	10/22/2009	10	2.6	10	U	UG/L
	7046BLK		LB	2513925	Naphthalene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513891	Naphthalene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513922	Naphthalene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513871	Naphthalene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513922	Nitrobenzene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513925	Nitrobenzene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513891	Nitrobenzene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513871	Nitrobenzene	10/22/2009	20	2.8	20	U	UG/L
	7046BLK		LB	2513891	n-Nitrosodi-n-propylamine	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513922	n-Nitrosodi-n-propylamine	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513871	n-Nitrosodi-n-propylamine	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513925	n-Nitrosodi-n-propylamine	10/22/2009	20	3	20	U	UG/L
	7046BLK		LB	2513871	n-Nitrosodiphenylamine	10/22/2009	10	3.4	10	U	UG/L
	7046BLK		LB	2513891	n-Nitrosodiphenylamine	10/22/2009	10	3.4	10	U	UG/L
	7046BLK		LB	2513922	n-Nitrosodiphenylamine	10/22/2009	10	3.4	10	U	UG/L
	7046BLK		LB	2513925	n-Nitrosodiphenylamine	10/22/2009	10	3.4	10	U	UG/L
	7046BLK		LB	2513922	Pentachlorophenol	10/22/2009	60	2.6	60	U	UG/L
	7046BLK		LB	2513871	Pentachlorophenol	10/22/2009	60	2.6	60	U	UG/L
	7046BLK		LB	2513891	Pentachlorophenol	10/22/2009	60	2.6	60	U	UG/L
	7046BLK		LB	2513925	Pentachlorophenol	10/22/2009	60	2.6	60	U	UG/L
	7046BLK		LB	2513922	Phenanthrene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513925	Phenanthrene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513891	Phenanthrene	10/22/2009	10	2.8	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7046BLK	WATER	LB	2513871	Phenanthrene	10/22/2009	10	2.8	10	U	UG/L
	7046BLK		LB	2513925	Phenol	10/22/2009	10	1.7	10	R	UG/L
	7046BLK		LB	2513922	Phenol	10/22/2009	10	1.7	10	U	UG/L
	7046BLK		LB	2513891	Phenol	10/22/2009	10	1.7	10	U	UG/L
	7046BLK		LB	2513871	Phenol	10/22/2009	10	1.7	10	U	UG/L
	7046BLK		LB	2513891	Pyrene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513871	Pyrene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513925	Pyrene	10/22/2009	10	2.9	10	U	UG/L
	7046BLK		LB	2513922	Pyrene	10/22/2009	10	2.9	10	U	UG/L
	7075BLK		LB	2513927	1,2-Dichlorobenzene	10/26/2009	10	2.6	10	U	UG/L
	7075BLK		LB	2513927	1,2-Diphenylhydrazine	10/26/2009	10	3.1	10	U	UG/L
	7075BLK		LB	2513927	1,3-Dinitrobenzene	10/26/2009	10	2.5	10	U	UG/L
	7075BLK		LB	2513927	2,4,5-Trichlorophenol	10/26/2009	20	3.4	20	U	UG/L
	7075BLK		LB	2513927	2,4,6-Trichlorophenol	10/26/2009	20	0.84	20	U	UG/L
	7075BLK		LB	2513927	2,4-Dichlorophenol	10/26/2009	10	3.1	10	U	UG/L
	7075BLK		LB	2513927	2,4-Dimethylphenol	10/26/2009	10	2.3	10	U	UG/L
	7075BLK		LB	2513927	2,4-Dinitrophenol	10/26/2009	60	5.6	60	U	UG/L
	7075BLK		LB	2513927	2,4-Dinitrotoluene	10/26/2009	20	2.8	20	U	UG/L
	7075BLK		LB	2513927	2,6-Dinitrotoluene	10/26/2009	20	2.8	20	U	UG/L
	7075BLK		LB	2513927	2-Chloronaphthalene	10/26/2009	10	2.8	10	U	UG/L
	7075BLK		LB	2513927	2-Chlorophenol	10/26/2009	10	2.9	10	U	UG/L
	7075BLK		LB	2513927	2-Methylnaphthalene	10/26/2009	10	2.8	10	U	UG/L
	7075BLK		LB	2513927	2-Methylphenol	10/26/2009	10	2.6	10	U	UG/L
	7075BLK		LB	2513927	2-Nitroaniline	10/26/2009	50	3	50	U	UG/L
	7075BLK		LB	2513927	2-Nitrophenol	10/26/2009	20	0.77	20	U	UG/L
	7075BLK		LB	2513927	3,3'-Dichlorobenzidine	10/26/2009	20	2.7	20	U	UG/L
	7075BLK		LB	2513927	3-Nitroaniline	10/26/2009	50	2.8	50	U	UG/L
	7075BLK		LB	2513927	4,6-Dinitro-2-methylphenol	10/26/2009	60	0.68	60	U	UG/L
	7075BLK		LB	2513927	4-Bromophenyl phenyl ether	10/26/2009	10	2.3	10	U	UG/L
	7075BLK		LB	2513927	4-Chloro-3-methylphenol	10/26/2009	20	2.7	20	U	UG/L
	7075BLK		LB	2513927	4-Chloroaniline	10/26/2009	20	3	20	U	UG/L
	7075BLK		LB	2513927	4-Chlorophenyl phenyl ether	10/26/2009	10	2.5	10	U	UG/L
	7075BLK		LB	2513927	4-Methylphenol	10/26/2009	20	6.1	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7075BLK	WATER	LB	2513927	4-Nitroaniline	10/26/2009	10	1.3	10	U	UG/L
	7075BLK		LB	2513927	4-Nitrophenol	10/26/2009	50	1	50	U	UG/L
	7075BLK		LB	2513927	Acenaphthene	10/26/2009	10	2.8	10	U	UG/L
	7075BLK		LB	2513927	Acenaphthylene	10/26/2009	10	3	10	U	UG/L
	7075BLK		LB	2513927	Anthracene	10/26/2009	10	2.8	10	U	UG/L
	7075BLK		LB	2513927	Benzidine	10/26/2009	150	20	150	U	UG/L
	7075BLK		LB	2513927	Benzo (a) pyrene	10/26/2009	10	2.8	10	U	UG/L
	7075BLK		LB	2513927	Benzo (b) fluoranthene	10/26/2009	10	2.6	10	U	UG/L
	7075BLK		LB	2513927	Benzo (g,h,i) perylene	10/26/2009	10	2.6	10	U	UG/L
	7075BLK		LB	2513927	Benzo(a)anthracene	10/26/2009	10	2.6	10	U	UG/L
	7075BLK		LB	2513927	Benzo(k)fluoranthene	10/26/2009	10	2.9	10	U	UG/L
	7075BLK		LB	2513927	Benzoic acid	10/26/2009	60	14	60	U	UG/L
	7075BLK		LB	2513927	Bis (2-chloroethoxy) methane	10/26/2009	10	3.5	10	U	UG/L
	7075BLK		LB	2513927	Bis (2-chloroethyl) ether	10/26/2009	10	3	10	U	UG/L
	7075BLK		LB	2513927	Bis (2-ethylhexyl) phthalate	10/26/2009	10	4.4	10	U	UG/L
	7075BLK		LB	2513927	Butyl benzylphthalate	10/26/2009	20	3	20	U	UG/L
	7075BLK		LB	2513927	Chrysene	10/26/2009	10	2.9	10	U	UG/L
	7075BLK		LB	2513927	Dibenzo (a,h) anthracene	10/26/2009	10	1.2	10	U	UG/L
	7075BLK		LB	2513927	Dibenzofuran	10/26/2009	10	2.7	10	U	UG/L
	7075BLK		LB	2513927	Diethyl phthalate	10/26/2009	10	2.8	10	U	UG/L
	7075BLK		LB	2513927	Dimethyl phthalate	10/26/2009	10	3	10	U	UG/L
	7075BLK		LB	2513927	Di-n-butylphthalate	10/26/2009	20	0.86	20	U	UG/L
	7075BLK		LB	2513927	Di-n-octylphthalate	10/26/2009	20	1.1	20	U	UG/L
	7075BLK		LB	2513927	Fluoranthene	10/26/2009	20	2.8	20	U	UG/L
	7075BLK		LB	2513927	Fluorene	10/26/2009	10	2.9	10	U	UG/L
	7075BLK		LB	2513927	Hexachlorobenzene	10/26/2009	10	0.41	10	U	UG/L
	7075BLK		LB	2513927	Hexachlorobutadiene	10/26/2009	10	2.5	10	U	UG/L
	7075BLK		LB	2513927	Hexachlorocyclopentadiene	10/26/2009	10	0.82	10	U	UG/L
	7075BLK		LB	2513927	Hexachloroethane	10/26/2009	10	2.6	10	U	UG/L
	7075BLK		LB	2513927	Indeno(1,2,3-cd)pyrene	10/26/2009	10	1.6	10	U	UG/L
	7075BLK		LB	2513927	Naphthalene	10/26/2009	10	2.8	10	U	UG/L
	7075BLK		LB	2513927	Nitrobenzene	10/26/2009	20	1	20	U	UG/L
	7075BLK		LB	2513927	n-Nitrosodi-n-propylamine	10/26/2009	20	3	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7075BLK	WATER	LB	2513927	n-Nitrosodiphenylamine	10/26/2009	10	3.4	10	U	UG/L
	7075BLK		LB	2513927	Pentachlorophenol	10/26/2009	60	1.4	60	U	UG/L
	7075BLK		LB	2513927	Phenanthrene	10/26/2009	10	2.8	10	U	UG/L
	7075BLK		LB	2513927	Phenol	10/26/2009	10	1.7	10	U	UG/L
	7075BLK		LB	2513927	Pyrene	10/26/2009	10	1.2	10	U	UG/L
	7450BLK		LB	2514687	1,2-Dichlorobenzene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514737	1,2-Dichlorobenzene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514700	1,2-Dichlorobenzene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514717	1,2-Dichlorobenzene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514687	1,2-Diphenylhydrazine	1/20/2010	10	3.1	10	U	UG/L
	7450BLK		LB	2514737	1,2-Diphenylhydrazine	1/20/2010	10	3.1	10	U	UG/L
	7450BLK		LB	2514700	1,2-Diphenylhydrazine	1/20/2010	10	3.1	10	U	UG/L
	7450BLK		LB	2514717	1,2-Diphenylhydrazine	1/20/2010	10	3.1	10	U	UG/L
	7450BLK		LB	2514700	1,3-Dinitrobenzene	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514687	1,3-Dinitrobenzene	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514737	1,3-Dinitrobenzene	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514717	1,3-Dinitrobenzene	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514687	2,4,5-Trichlorophenol	1/20/2010	20	3.4	20	U	UG/L
	7450BLK		LB	2514700	2,4,5-Trichlorophenol	1/20/2010	20	3.4	20	U	UG/L
	7450BLK		LB	2514737	2,4,5-Trichlorophenol	1/20/2010	20	3.4	20	U	UG/L
	7450BLK		LB	2514717	2,4,5-Trichlorophenol	1/20/2010	20	3.4	20	U	UG/L
	7450BLK		LB	2514700	2,4,6-Trichlorophenol	1/20/2010	20	0.84	20	U	UG/L
	7450BLK		LB	2514687	2,4,6-Trichlorophenol	1/20/2010	20	0.84	20	U	UG/L
	7450BLK		LB	2514737	2,4,6-Trichlorophenol	1/20/2010	20	0.84	20	U	UG/L
	7450BLK		LB	2514717	2,4,6-Trichlorophenol	1/20/2010	20	0.84	20	U	UG/L
	7450BLK		LB	2514700	2,4-Dichlorophenol	1/20/2010	10	3.1	10	U	UG/L
	7450BLK		LB	2514737	2,4-Dichlorophenol	1/20/2010	10	3.1	10	U	UG/L
	7450BLK		LB	2514717	2,4-Dichlorophenol	1/20/2010	10	3.1	10	U	UG/L
	7450BLK		LB	2514687	2,4-Dichlorophenol	1/20/2010	10	3.1	10	U	UG/L
	7450BLK		LB	2514700	2,4-Dimethylphenol	1/20/2010	10	2.3	10	U	UG/L
	7450BLK		LB	2514717	2,4-Dimethylphenol	1/20/2010	10	2.3	10	U	UG/L
	7450BLK		LB	2514737	2,4-Dimethylphenol	1/20/2010	10	2.3	10	U	UG/L
	7450BLK		LB	2514687	2,4-Dimethylphenol	1/20/2010	10	2.3	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7450BLK	WATER	LB	2514700	2,4-Dinitrophenol	1/20/2010	60	5.6	60	U	UG/L
	7450BLK		LB	2514737	2,4-Dinitrophenol	1/20/2010	60	5.6	60	U	UG/L
	7450BLK		LB	2514687	2,4-Dinitrophenol	1/20/2010	60	5.6	60	U	UG/L
	7450BLK		LB	2514717	2,4-Dinitrophenol	1/20/2010	60	5.6	60	U	UG/L
	7450BLK		LB	2514737	2,4-Dinitrotoluene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514717	2,4-Dinitrotoluene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514700	2,4-Dinitrotoluene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514687	2,4-Dinitrotoluene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514687	2,6-Dinitrotoluene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514700	2,6-Dinitrotoluene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514737	2,6-Dinitrotoluene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514717	2,6-Dinitrotoluene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514700	2-Chloronaphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514717	2-Chloronaphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514737	2-Chloronaphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514687	2-Chloronaphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514737	2-Chlorophenol	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514700	2-Chlorophenol	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514717	2-Chlorophenol	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514687	2-Chlorophenol	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514737	2-Methylnaphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514700	2-Methylnaphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514687	2-Methylnaphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514717	2-Methylnaphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514737	2-Methylphenol	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514717	2-Methylphenol	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514687	2-Methylphenol	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514700	2-Methylphenol	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514687	2-Nitroaniline	1/20/2010	50	3	50	U	UG/L
	7450BLK		LB	2514737	2-Nitroaniline	1/20/2010	50	3	50	U	UG/L
	7450BLK		LB	2514717	2-Nitroaniline	1/20/2010	50	3	50	U	UG/L
	7450BLK		LB	2514700	2-Nitroaniline	1/20/2010	50	3	50	U	UG/L
	7450BLK		LB	2514717	2-Nitrophenol	1/20/2010	20	0.77	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7450BLK	WATER	LB	2514687	2-Nitrophenol	1/20/2010	20	0.77	20	U	UG/L
	7450BLK		LB	2514700	2-Nitrophenol	1/20/2010	20	0.77	20	U	UG/L
	7450BLK		LB	2514737	2-Nitrophenol	1/20/2010	20	0.77	20	U	UG/L
	7450BLK		LB	2514687	3,3'-Dichlorobenzidine	1/20/2010	20	2.7	20	U	UG/L
	7450BLK		LB	2514700	3,3'-Dichlorobenzidine	1/20/2010	20	2.7	20	U	UG/L
	7450BLK		LB	2514737	3,3'-Dichlorobenzidine	1/20/2010	20	2.7	20	U	UG/L
	7450BLK		LB	2514717	3,3'-Dichlorobenzidine	1/20/2010	20	2.7	20	U	UG/L
	7450BLK		LB	2514687	3-Nitroaniline	1/20/2010	50	2.8	50	U	UG/L
	7450BLK		LB	2514700	3-Nitroaniline	1/20/2010	50	2.8	50	U	UG/L
	7450BLK		LB	2514717	3-Nitroaniline	1/20/2010	50	2.8	50	U	UG/L
	7450BLK		LB	2514737	3-Nitroaniline	1/20/2010	50	2.8	50	U	UG/L
	7450BLK		LB	2514717	4,6-Dinitro-2-methylphenol	1/20/2010	60	0.68	60	U	UG/L
	7450BLK		LB	2514687	4,6-Dinitro-2-methylphenol	1/20/2010	60	0.68	60	U	UG/L
	7450BLK		LB	2514737	4,6-Dinitro-2-methylphenol	1/20/2010	60	0.68	60	U	UG/L
	7450BLK		LB	2514700	4,6-Dinitro-2-methylphenol	1/20/2010	60	0.68	60	U	UG/L
	7450BLK		LB	2514687	4-Bromophenyl phenyl ether	1/20/2010	10	2.3	10	U	UG/L
	7450BLK		LB	2514737	4-Bromophenyl phenyl ether	1/20/2010	10	2.3	10	U	UG/L
	7450BLK		LB	2514700	4-Bromophenyl phenyl ether	1/20/2010	10	2.3	10	U	UG/L
	7450BLK		LB	2514717	4-Bromophenyl phenyl ether	1/20/2010	10	2.3	10	U	UG/L
	7450BLK		LB	2514717	4-Chloro-3-methylphenol	1/20/2010	20	2.7	20	U	UG/L
	7450BLK		LB	2514737	4-Chloro-3-methylphenol	1/20/2010	20	2.7	20	U	UG/L
	7450BLK		LB	2514687	4-Chloro-3-methylphenol	1/20/2010	20	2.7	20	U	UG/L
	7450BLK		LB	2514700	4-Chloro-3-methylphenol	1/20/2010	20	2.7	20	U	UG/L
	7450BLK		LB	2514717	4-Chloroaniline	1/20/2010	20	3	20	U	UG/L
	7450BLK		LB	2514700	4-Chloroaniline	1/20/2010	20	3	20	U	UG/L
	7450BLK		LB	2514737	4-Chloroaniline	1/20/2010	20	3	20	U	UG/L
	7450BLK		LB	2514687	4-Chloroaniline	1/20/2010	20	3	20	U	UG/L
	7450BLK		LB	2514687	4-Chlorophenyl phenyl ether	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514700	4-Chlorophenyl phenyl ether	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514717	4-Chlorophenyl phenyl ether	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514737	4-Chlorophenyl phenyl ether	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514687	4-Methylphenol	1/20/2010	20	6.1	20	U	UG/L
	7450BLK		LB	2514717	4-Methylphenol	1/20/2010	20	6.1	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7450BLK	WATER	LB	2514700	4-Methylphenol	1/20/2010	20	6.1	20	U	UG/L
	7450BLK		LB	2514737	4-Methylphenol	1/20/2010	20	6.1	20	U	UG/L
	7450BLK		LB	2514700	4-Nitroaniline	1/20/2010	10	1.3	10	U	UG/L
	7450BLK		LB	2514687	4-Nitroaniline	1/20/2010	10	1.3	10	U	UG/L
	7450BLK		LB	2514717	4-Nitroaniline	1/20/2010	10	1.3	10	U	UG/L
	7450BLK		LB	2514737	4-Nitroaniline	1/20/2010	10	1.3	10	U	UG/L
	7450BLK		LB	2514700	4-Nitrophenol	1/20/2010	50	1	50	U	UG/L
	7450BLK		LB	2514737	4-Nitrophenol	1/20/2010	50	1	50	U	UG/L
	7450BLK		LB	2514687	4-Nitrophenol	1/20/2010	50	1	50	U	UG/L
	7450BLK		LB	2514717	4-Nitrophenol	1/20/2010	50	1	50	U	UG/L
	7450BLK		LB	2514717	Acenaphthene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514687	Acenaphthene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514737	Acenaphthene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514700	Acenaphthene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514717	Acenaphthylene	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514700	Acenaphthylene	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514737	Acenaphthylene	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514687	Acenaphthylene	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514700	Anthracene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514737	Anthracene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514687	Anthracene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514717	Anthracene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514737	Benzidine	1/20/2010	150	20	150	U	UG/L
	7450BLK		LB	2514717	Benzidine	1/20/2010	150	20	150	U	UG/L
	7450BLK		LB	2514700	Benzidine	1/20/2010	150	20	150	U	UG/L
	7450BLK		LB	2514687	Benzidine	1/20/2010	150	20	150	U	UG/L
	7450BLK		LB	2514737	Benzo (a) pyrene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514717	Benzo (a) pyrene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514687	Benzo (a) pyrene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514700	Benzo (a) pyrene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514687	Benzo (b) fluoranthene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514700	Benzo (b) fluoranthene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514717	Benzo (b) fluoranthene	1/20/2010	10	2.6	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7450BLK	WATER	LB	2514737	Benzo (b) fluoranthene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514687	Benzo (g,h,i) perylene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514737	Benzo (g,h,i) perylene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514717	Benzo (g,h,i) perylene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514700	Benzo (g,h,i) perylene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514700	Benzo(a)anthracene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514737	Benzo(a)anthracene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514687	Benzo(a)anthracene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514717	Benzo(a)anthracene	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514717	Benzo(k)fluoranthene	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514700	Benzo(k)fluoranthene	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514687	Benzo(k)fluoranthene	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514737	Benzo(k)fluoranthene	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514737	Benzoic acid	1/20/2010	60	14	60	R	UG/L
	7450BLK		LB	2514700	Benzoic acid	1/20/2010	60	14	60	R	UG/L
	7450BLK		LB	2514717	Benzoic acid	1/20/2010	60	14	60	R	UG/L
	7450BLK		LB	2514687	Benzoic acid	1/20/2010	60	14	60	R	UG/L
	7450BLK		LB	2514700	Bis (2-chloroethoxy) methane	1/20/2010	10	3.5	10	U	UG/L
	7450BLK		LB	2514737	Bis (2-chloroethoxy) methane	1/20/2010	10	3.5	10	U	UG/L
	7450BLK		LB	2514717	Bis (2-chloroethoxy) methane	1/20/2010	10	3.5	10	U	UG/L
	7450BLK		LB	2514687	Bis (2-chloroethoxy) methane	1/20/2010	10	3.5	10	U	UG/L
	7450BLK		LB	2514687	Bis (2-chloroethyl) ether	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514717	Bis (2-chloroethyl) ether	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514700	Bis (2-chloroethyl) ether	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514737	Bis (2-chloroethyl) ether	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514737	Bis (2-ethylhexyl) phthalate	1/20/2010	10	4.4	10	U	UG/L
	7450BLK		LB	2514717	Bis (2-ethylhexyl) phthalate	1/20/2010	10	4.4	10	U	UG/L
	7450BLK		LB	2514687	Bis (2-ethylhexyl) phthalate	1/20/2010	10	4.4	10	U	UG/L
	7450BLK		LB	2514700	Bis (2-ethylhexyl) phthalate	1/20/2010	10	4.4	10	U	UG/L
	7450BLK		LB	2514687	Butyl benzylphthalate	1/20/2010	20	3	20	U	UG/L
	7450BLK		LB	2514737	Butyl benzylphthalate	1/20/2010	20	3	20	U	UG/L
	7450BLK		LB	2514717	Butyl benzylphthalate	1/20/2010	20	3	20	U	UG/L
	7450BLK		LB	2514700	Butyl benzylphthalate	1/20/2010	20	3	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7450BLK	WATER	LB	2514687	Chrysene	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514717	Chrysene	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514700	Chrysene	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514737	Chrysene	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514737	Dibenzo (a,h) anthracene	1/20/2010	10	1.2	10	U	UG/L
	7450BLK		LB	2514687	Dibenzo (a,h) anthracene	1/20/2010	10	1.2	10	U	UG/L
	7450BLK		LB	2514717	Dibenzo (a,h) anthracene	1/20/2010	10	1.2	10	U	UG/L
	7450BLK		LB	2514700	Dibenzo (a,h) anthracene	1/20/2010	10	1.2	10	U	UG/L
	7450BLK		LB	2514717	Dibenzofuran	1/20/2010	10	2.7	10	U	UG/L
	7450BLK		LB	2514700	Dibenzofuran	1/20/2010	10	2.7	10	U	UG/L
	7450BLK		LB	2514687	Dibenzofuran	1/20/2010	10	2.7	10	U	UG/L
	7450BLK		LB	2514737	Dibenzofuran	1/20/2010	10	2.7	10	U	UG/L
	7450BLK		LB	2514687	Diethyl phthalate	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514700	Diethyl phthalate	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514717	Diethyl phthalate	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514737	Diethyl phthalate	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514717	Dimethyl phthalate	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514700	Dimethyl phthalate	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514737	Dimethyl phthalate	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514687	Dimethyl phthalate	1/20/2010	10	3	10	U	UG/L
	7450BLK		LB	2514687	Di-n-butylphthalate	1/20/2010	20	0.86	20	U	UG/L
	7450BLK		LB	2514700	Di-n-butylphthalate	1/20/2010	20	0.86	20	U	UG/L
	7450BLK		LB	2514717	Di-n-butylphthalate	1/20/2010	20	0.86	20	U	UG/L
	7450BLK		LB	2514737	Di-n-butylphthalate	1/20/2010	20	0.86	20	U	UG/L
	7450BLK		LB	2514700	Di-n-octylphthalate	1/20/2010	20	1.1	20	U	UG/L
	7450BLK		LB	2514737	Di-n-octylphthalate	1/20/2010	20	1.1	20	U	UG/L
	7450BLK		LB	2514687	Di-n-octylphthalate	1/20/2010	20	1.1	20	U	UG/L
	7450BLK		LB	2514717	Di-n-octylphthalate	1/20/2010	20	1.1	20	U	UG/L
	7450BLK		LB	2514700	Fluoranthene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514687	Fluoranthene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514717	Fluoranthene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514737	Fluoranthene	1/20/2010	20	2.8	20	U	UG/L
	7450BLK		LB	2514717	Fluorene	1/20/2010	10	2.9	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7450BLK	WATER	LB	2514700	Fluorene	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514737	Fluorene	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514687	Fluorene	1/20/2010	10	2.9	10	U	UG/L
	7450BLK		LB	2514737	Hexachlorobenzene	1/20/2010	10	0.41	10	U	UG/L
	7450BLK		LB	2514717	Hexachlorobenzene	1/20/2010	10	0.41	10	U	UG/L
	7450BLK		LB	2514700	Hexachlorobenzene	1/20/2010	10	0.41	10	U	UG/L
	7450BLK		LB	2514687	Hexachlorobenzene	1/20/2010	10	0.41	10	U	UG/L
	7450BLK		LB	2514687	Hexachlorobutadiene	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514717	Hexachlorobutadiene	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514700	Hexachlorobutadiene	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514737	Hexachlorobutadiene	1/20/2010	10	2.5	10	U	UG/L
	7450BLK		LB	2514737	Hexachlorocyclopentadiene	1/20/2010	10	0.82	10	U	UG/L
	7450BLK		LB	2514700	Hexachlorocyclopentadiene	1/20/2010	10	0.82	10	U	UG/L
	7450BLK		LB	2514687	Hexachlorocyclopentadiene	1/20/2010	10	0.82	10	U	UG/L
	7450BLK		LB	2514717	Hexachlorocyclopentadiene	1/20/2010	10	0.82	10	U	UG/L
	7450BLK		LB	2514700	Hexachloroethane	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514687	Hexachloroethane	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514717	Hexachloroethane	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514737	Hexachloroethane	1/20/2010	10	2.6	10	U	UG/L
	7450BLK		LB	2514717	Indeno(1,2,3-cd)pyrene	1/20/2010	10	1.6	10	U	UG/L
	7450BLK		LB	2514700	Indeno(1,2,3-cd)pyrene	1/20/2010	10	1.6	10	U	UG/L
	7450BLK		LB	2514687	Indeno(1,2,3-cd)pyrene	1/20/2010	10	1.6	10	U	UG/L
	7450BLK		LB	2514737	Indeno(1,2,3-cd)pyrene	1/20/2010	10	1.6	10	U	UG/L
	7450BLK		LB	2514737	Naphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514717	Naphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514687	Naphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514700	Naphthalene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514737	Nitrobenzene	1/20/2010	20	1	20	U	UG/L
	7450BLK		LB	2514687	Nitrobenzene	1/20/2010	20	1	20	U	UG/L
	7450BLK		LB	2514700	Nitrobenzene	1/20/2010	20	1	20	U	UG/L
	7450BLK		LB	2514717	Nitrobenzene	1/20/2010	20	1	20	U	UG/L
	7450BLK		LB	2514687	n-Nitrosodi-n-propylamine	1/20/2010	20	3	20	U	UG/L
	7450BLK		LB	2514717	n-Nitrosodi-n-propylamine	1/20/2010	20	3	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7450BLK	WATER	LB	2514737	n-Nitrosodi-n-propylamine	1/20/2010	20	3	20	U	UG/L
	7450BLK		LB	2514700	n-Nitrosodi-n-propylamine	1/20/2010	20	3	20	U	UG/L
	7450BLK		LB	2514687	n-Nitrosodiphenylamine	1/20/2010	10	3.4	10	U	UG/L
	7450BLK		LB	2514737	n-Nitrosodiphenylamine	1/20/2010	10	3.4	10	U	UG/L
	7450BLK		LB	2514700	n-Nitrosodiphenylamine	1/20/2010	10	3.4	10	U	UG/L
	7450BLK		LB	2514717	n-Nitrosodiphenylamine	1/20/2010	10	3.4	10	U	UG/L
	7450BLK		LB	2514687	Pentachlorophenol	1/20/2010	60	1.4	60	U	UG/L
	7450BLK		LB	2514717	Pentachlorophenol	1/20/2010	60	1.4	60	U	UG/L
	7450BLK		LB	2514700	Pentachlorophenol	1/20/2010	60	1.4	60	U	UG/L
	7450BLK		LB	2514737	Pentachlorophenol	1/20/2010	60	1.4	60	U	UG/L
	7450BLK		LB	2514700	Phenanthrene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514687	Phenanthrene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514737	Phenanthrene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514717	Phenanthrene	1/20/2010	10	2.8	10	U	UG/L
	7450BLK		LB	2514700	Phenol	1/20/2010	10	1.7	10	U	UG/L
	7450BLK		LB	2514717	Phenol	1/20/2010	10	1.7	10	U	UG/L
	7450BLK		LB	2514737	Phenol	1/20/2010	10	1.7	10	U	UG/L
	7450BLK		LB	2514687	Phenol	1/20/2010	10	1.7	10	U	UG/L
	7450BLK		LB	2514687	Pyrene	1/20/2010	10	1.2	10	U	UG/L
	7450BLK		LB	2514737	Pyrene	1/20/2010	10	1.2	10	U	UG/L
	7450BLK		LB	2514700	Pyrene	1/20/2010	10	1.2	10	U	UG/L
	7450BLK		LB	2514717	Pyrene	1/20/2010	10	1.2	10	U	UG/L
	7548BLK		LB	2514878	1,2-Dichlorobenzene	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514888	1,2-Dichlorobenzene	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514878	1,2-Diphenylhydrazine	2/4/2010	10	3.1	10	U	UG/L
	7548BLK		LB	2514888	1,2-Diphenylhydrazine	2/4/2010	10	3.1	10	U	UG/L
	7548BLK		LB	2514878	1,3-Dinitrobenzene	2/4/2010	10	2.5	10	U	UG/L
	7548BLK		LB	2514888	1,3-Dinitrobenzene	2/4/2010	10	2.5	10	U	UG/L
	7548BLK		LB	2514878	2,4,5-Trichlorophenol	2/4/2010	20	3.4	20	U	UG/L
	7548BLK		LB	2514888	2,4,5-Trichlorophenol	2/4/2010	20	3.4	20	U	UG/L
	7548BLK		LB	2514878	2,4,6-Trichlorophenol	2/4/2010	20	0.84	20	U	UG/L
	7548BLK		LB	2514888	2,4,6-Trichlorophenol	2/4/2010	20	0.84	20	U	UG/L
	7548BLK		LB	2514878	2,4-Dichlorophenol	2/4/2010	10	3.1	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7548BLK	WATER	LB	2514888	2,4-Dichlorophenol	2/4/2010	10	3.1	10	U	UG/L
	7548BLK		LB	2514878	2,4-Dimethylphenol	2/4/2010	10	2.3	10	U	UG/L
	7548BLK		LB	2514888	2,4-Dimethylphenol	2/4/2010	10	2.3	10	U	UG/L
	7548BLK		LB	2514878	2,4-Dinitrophenol	2/4/2010	60	5.6	60	U	UG/L
	7548BLK		LB	2514888	2,4-Dinitrophenol	2/4/2010	60	5.6	60	U	UG/L
	7548BLK		LB	2514878	2,4-Dinitrotoluene	2/4/2010	20	2.8	20	U	UG/L
	7548BLK		LB	2514888	2,4-Dinitrotoluene	2/4/2010	20	2.8	20	U	UG/L
	7548BLK		LB	2514878	2,6-Dinitrotoluene	2/4/2010	20	2.8	20	U	UG/L
	7548BLK		LB	2514888	2,6-Dinitrotoluene	2/4/2010	20	2.8	20	U	UG/L
	7548BLK		LB	2514878	2-Chloronaphthalene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514888	2-Chloronaphthalene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514878	2-Chlorophenol	2/4/2010	10	2.9	10	U	UG/L
	7548BLK		LB	2514888	2-Chlorophenol	2/4/2010	10	2.9	10	U	UG/L
	7548BLK		LB	2514878	2-Methylnaphthalene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514888	2-Methylnaphthalene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514878	2-Methylphenol	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514888	2-Methylphenol	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514878	2-Nitroaniline	2/4/2010	50	3	50	U	UG/L
	7548BLK		LB	2514888	2-Nitroaniline	2/4/2010	50	3	50	U	UG/L
	7548BLK		LB	2514878	2-Nitrophenol	2/4/2010	20	0.77	20	U	UG/L
	7548BLK		LB	2514888	2-Nitrophenol	2/4/2010	20	0.77	20	U	UG/L
	7548BLK		LB	2514878	3,3'-Dichlorobenzidine	2/4/2010	20	2.7	20	U	UG/L
	7548BLK		LB	2514888	3,3'-Dichlorobenzidine	2/4/2010	20	2.7	20	U	UG/L
	7548BLK		LB	2514878	3-Nitroaniline	2/4/2010	50	2.8	50	U	UG/L
	7548BLK		LB	2514888	3-Nitroaniline	2/4/2010	50	2.8	50	U	UG/L
	7548BLK		LB	2514878	4,6-Dinitro-2-methylphenol	2/4/2010	60	0.68	60	U	UG/L
	7548BLK		LB	2514888	4,6-Dinitro-2-methylphenol	2/4/2010	60	0.68	60	U	UG/L
	7548BLK		LB	2514878	4-Bromophenyl phenyl ether	2/4/2010	10	2.3	10	U	UG/L
	7548BLK		LB	2514888	4-Bromophenyl phenyl ether	2/4/2010	10	2.3	10	U	UG/L
	7548BLK		LB	2514878	4-Chloro-3-methylphenol	2/4/2010	20	2.7	20	U	UG/L
	7548BLK		LB	2514888	4-Chloro-3-methylphenol	2/4/2010	20	2.7	20	U	UG/L
	7548BLK		LB	2514878	4-Chloroaniline	2/4/2010	20	3	20	U	UG/L
	7548BLK		LB	2514888	4-Chloroaniline	2/4/2010	20	3	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7548BLK	WATER	LB	2514878	4-Chlorophenyl phenyl ether	2/4/2010	10	2.5	10	U	UG/L
	7548BLK		LB	2514888	4-Chlorophenyl phenyl ether	2/4/2010	10	2.5	10	U	UG/L
	7548BLK		LB	2514878	4-Methylphenol	2/4/2010	20	6.1	20	R	UG/L
	7548BLK		LB	2514888	4-Methylphenol	2/4/2010	20	6.1	20	R	UG/L
	7548BLK		LB	2514878	4-Nitroaniline	2/4/2010	10	1.3	10	U	UG/L
	7548BLK		LB	2514888	4-Nitroaniline	2/4/2010	10	1.3	10	U	UG/L
	7548BLK		LB	2514878	4-Nitrophenol	2/4/2010	50	1	50	R	UG/L
	7548BLK		LB	2514888	4-Nitrophenol	2/4/2010	50	1	50	R	UG/L
	7548BLK		LB	2514878	Acenaphthene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514888	Acenaphthene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514878	Acenaphthylene	2/4/2010	10	3	10	U	UG/L
	7548BLK		LB	2514888	Acenaphthylene	2/4/2010	10	3	10	U	UG/L
	7548BLK		LB	2514878	Anthracene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514888	Anthracene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514878	Benzidine	2/4/2010	150	20	150	R	UG/L
	7548BLK		LB	2514888	Benzidine	2/4/2010	150	20	150	R	UG/L
	7548BLK		LB	2514878	Benzo (a) pyrene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514888	Benzo (a) pyrene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514878	Benzo (b) fluoranthene	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514888	Benzo (b) fluoranthene	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514878	Benzo (g,h,i) perylene	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514888	Benzo (g,h,i) perylene	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514878	Benzo(a)anthracene	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514888	Benzo(a)anthracene	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514878	Benzo(k)fluoranthene	2/4/2010	10	2.9	10	U	UG/L
	7548BLK		LB	2514888	Benzo(k)fluoranthene	2/4/2010	10	2.9	10	U	UG/L
	7548BLK		LB	2514878	Benzoic acid	2/4/2010	60	14	60	U	UG/L
	7548BLK		LB	2514888	Benzoic acid	2/4/2010	60	14	60	U	UG/L
	7548BLK		LB	2514878	Bis (2-chloroethoxy) methane	2/4/2010	10	3.5	10	U	UG/L
	7548BLK		LB	2514888	Bis (2-chloroethoxy) methane	2/4/2010	10	3.5	10	U	UG/L
	7548BLK		LB	2514878	Bis (2-chloroethyl) ether	2/4/2010	10	3	10	U	UG/L
	7548BLK		LB	2514888	Bis (2-chloroethyl) ether	2/4/2010	10	3	10	U	UG/L
	7548BLK		LB	2514878	Bis (2-ethylhexyl) phthalate	2/4/2010	10	4.4	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7548BLK	WATER	LB	2514888	Bis (2-ethylhexyl) phthalate	2/4/2010	10	4.4	10	U	UG/L
	7548BLK		LB	2514878	Butyl benzylphthalate	2/4/2010	20	3	20	U	UG/L
	7548BLK		LB	2514888	Butyl benzylphthalate	2/4/2010	20	3	20	U	UG/L
	7548BLK		LB	2514878	Chrysene	2/4/2010	10	2.9	10	U	UG/L
	7548BLK		LB	2514888	Chrysene	2/4/2010	10	2.9	10	U	UG/L
	7548BLK		LB	2514878	Dibenzo (a,h) anthracene	2/4/2010	10	1.2	10	U	UG/L
	7548BLK		LB	2514888	Dibenzo (a,h) anthracene	2/4/2010	10	1.2	10	U	UG/L
	7548BLK		LB	2514878	Dibenzofuran	2/4/2010	10	2.7	10	U	UG/L
	7548BLK		LB	2514888	Dibenzofuran	2/4/2010	10	2.7	10	U	UG/L
	7548BLK		LB	2514878	Diethyl phthalate	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514888	Diethyl phthalate	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514878	Dimethyl phthalate	2/4/2010	10	3	10	U	UG/L
	7548BLK		LB	2514888	Dimethyl phthalate	2/4/2010	10	3	10	U	UG/L
	7548BLK		LB	2514878	Di-n-butylphthalate	2/4/2010	20	0.86	20	U	UG/L
	7548BLK		LB	2514888	Di-n-butylphthalate	2/4/2010	20	0.86	20	U	UG/L
	7548BLK		LB	2514878	Di-n-octylphthalate	2/4/2010	20	1.1	20	U	UG/L
	7548BLK		LB	2514888	Di-n-octylphthalate	2/4/2010	20	1.1	20	U	UG/L
	7548BLK		LB	2514878	Fluoranthene	2/4/2010	20	2.8	20	U	UG/L
	7548BLK		LB	2514888	Fluoranthene	2/4/2010	20	2.8	20	U	UG/L
	7548BLK		LB	2514878	Fluorene	2/4/2010	10	2.9	10	U	UG/L
	7548BLK		LB	2514888	Fluorene	2/4/2010	10	2.9	10	U	UG/L
	7548BLK		LB	2514878	Hexachlorobenzene	2/4/2010	10	0.41	10	U	UG/L
	7548BLK		LB	2514888	Hexachlorobenzene	2/4/2010	10	0.41	10	U	UG/L
	7548BLK		LB	2514878	Hexachlorobutadiene	2/4/2010	10	2.5	10	U	UG/L
	7548BLK		LB	2514888	Hexachlorobutadiene	2/4/2010	10	2.5	10	U	UG/L
	7548BLK		LB	2514878	Hexachlorocyclopentadiene	2/4/2010	10	0.82	10	U	UG/L
	7548BLK		LB	2514888	Hexachlorocyclopentadiene	2/4/2010	10	0.82	10	U	UG/L
	7548BLK		LB	2514878	Hexachloroethane	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514888	Hexachloroethane	2/4/2010	10	2.6	10	U	UG/L
	7548BLK		LB	2514878	Indeno(1,2,3-cd)pyrene	2/4/2010	10	1.6	10	U	UG/L
	7548BLK		LB	2514888	Indeno(1,2,3-cd)pyrene	2/4/2010	10	1.6	10	U	UG/L
	7548BLK		LB	2514878	Naphthalene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514888	Naphthalene	2/4/2010	10	2.8	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7548BLK	WATER	LB	2514878	Nitrobenzene	2/4/2010	20	1	20	U	UG/L
	7548BLK		LB	2514888	Nitrobenzene	2/4/2010	20	1	20	U	UG/L
	7548BLK		LB	2514878	n-Nitrosodi-n-propylamine	2/4/2010	20	3	20	U	UG/L
	7548BLK		LB	2514888	n-Nitrosodi-n-propylamine	2/4/2010	20	3	20	U	UG/L
	7548BLK		LB	2514878	n-Nitrosodiphenylamine	2/4/2010	10	3.4	10	U	UG/L
	7548BLK		LB	2514888	n-Nitrosodiphenylamine	2/4/2010	10	3.4	10	U	UG/L
	7548BLK		LB	2514878	Pentachlorophenol	2/4/2010	60	1.4	60	U	UG/L
	7548BLK		LB	2514888	Pentachlorophenol	2/4/2010	60	1.4	60	U	UG/L
	7548BLK		LB	2514878	Phenanthrene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514888	Phenanthrene	2/4/2010	10	2.8	10	U	UG/L
	7548BLK		LB	2514878	Phenol	2/4/2010	10	1.7	10	R	UG/L
	7548BLK		LB	2514888	Phenol	2/4/2010	10	1.7	10	R	UG/L
	7548BLK		LB	2514878	Pyrene	2/4/2010	10	1.2	10	U	UG/L
	7548BLK		LB	2514888	Pyrene	2/4/2010	10	1.2	10	U	UG/L
	7556BLK		LB	2514835	1,2-Dichlorobenzene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514809	1,2-Dichlorobenzene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514823	1,2-Dichlorobenzene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514835	1,2-Diphenylhydrazine	2/4/2010	10	3.1	10	U	UG/L
	7556BLK		LB	2514823	1,2-Diphenylhydrazine	2/4/2010	10	3.1	10	U	UG/L
	7556BLK		LB	2514809	1,2-Diphenylhydrazine	2/4/2010	10	3.1	10	U	UG/L
	7556BLK		LB	2514835	1,3-Dinitrobenzene	2/4/2010	10	2.5	10	U	UG/L
	7556BLK		LB	2514823	1,3-Dinitrobenzene	2/4/2010	10	2.5	10	U	UG/L
	7556BLK		LB	2514809	1,3-Dinitrobenzene	2/4/2010	10	2.5	10	U	UG/L
	7556BLK		LB	2514835	2,4,5-Trichlorophenol	2/4/2010	20	3.4	20	U	UG/L
	7556BLK		LB	2514809	2,4,5-Trichlorophenol	2/4/2010	20	3.4	20	U	UG/L
	7556BLK		LB	2514823	2,4,5-Trichlorophenol	2/4/2010	20	3.4	20	U	UG/L
	7556BLK		LB	2514835	2,4,6-Trichlorophenol	2/4/2010	20	0.84	20	U	UG/L
	7556BLK		LB	2514823	2,4,6-Trichlorophenol	2/4/2010	20	0.84	20	U	UG/L
	7556BLK		LB	2514809	2,4,6-Trichlorophenol	2/4/2010	20	0.84	20	U	UG/L
	7556BLK		LB	2514835	2,4-Dichlorophenol	2/4/2010	10	3.1	10	U	UG/L
	7556BLK		LB	2514809	2,4-Dichlorophenol	2/4/2010	10	3.1	10	U	UG/L
	7556BLK		LB	2514823	2,4-Dichlorophenol	2/4/2010	10	3.1	10	U	UG/L
	7556BLK		LB	2514835	2,4-Dimethylphenol	2/4/2010	10	2.3	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7556BLK	WATER	LB	2514823	2,4-Dimethylphenol	2/4/2010	10	2.3	10	U	UG/L
	7556BLK		LB	2514809	2,4-Dimethylphenol	2/4/2010	10	2.3	10	U	UG/L
	7556BLK		LB	2514835	2,4-Dinitrophenol	2/4/2010	60	5.6	60	U	UG/L
	7556BLK		LB	2514823	2,4-Dinitrophenol	2/4/2010	60	5.6	60	U	UG/L
	7556BLK		LB	2514809	2,4-Dinitrophenol	2/4/2010	60	5.6	60	U	UG/L
	7556BLK		LB	2514835	2,4-Dinitrotoluene	2/4/2010	20	2.8	20	U	UG/L
	7556BLK		LB	2514823	2,4-Dinitrotoluene	2/4/2010	20	2.8	20	U	UG/L
	7556BLK		LB	2514809	2,4-Dinitrotoluene	2/4/2010	20	2.8	20	U	UG/L
	7556BLK		LB	2514835	2,6-Dinitrotoluene	2/4/2010	20	2.8	20	U	UG/L
	7556BLK		LB	2514809	2,6-Dinitrotoluene	2/4/2010	20	2.8	20	U	UG/L
	7556BLK		LB	2514823	2,6-Dinitrotoluene	2/4/2010	20	2.8	20	U	UG/L
	7556BLK		LB	2514835	2-Chloronaphthalene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514809	2-Chloronaphthalene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514823	2-Chloronaphthalene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514835	2-Chlorophenol	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514809	2-Chlorophenol	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514823	2-Chlorophenol	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514835	2-Methylnaphthalene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514823	2-Methylnaphthalene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514809	2-Methylnaphthalene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514835	2-Methylphenol	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514823	2-Methylphenol	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514809	2-Methylphenol	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514835	2-Nitroaniline	2/4/2010	50	3	50	U	UG/L
	7556BLK		LB	2514823	2-Nitroaniline	2/4/2010	50	3	50	U	UG/L
	7556BLK		LB	2514809	2-Nitroaniline	2/4/2010	50	3	50	U	UG/L
	7556BLK		LB	2514835	2-Nitrophenol	2/4/2010	20	0.77	20	U	UG/L
	7556BLK		LB	2514823	2-Nitrophenol	2/4/2010	20	0.77	20	U	UG/L
	7556BLK		LB	2514809	2-Nitrophenol	2/4/2010	20	0.77	20	U	UG/L
	7556BLK		LB	2514835	3,3'-Dichlorobenzidine	2/4/2010	20	2.7	20	U	UG/L
	7556BLK		LB	2514823	3,3'-Dichlorobenzidine	2/4/2010	20	2.7	20	U	UG/L
	7556BLK		LB	2514809	3,3'-Dichlorobenzidine	2/4/2010	20	2.7	20	U	UG/L
	7556BLK		LB	2514835	3-Nitroaniline	2/4/2010	50	2.8	50	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7556BLK	WATER	LB	2514823	3-Nitroaniline	2/4/2010	50	2.8	50	U	UG/L
	7556BLK		LB	2514809	3-Nitroaniline	2/4/2010	50	2.8	50	U	UG/L
	7556BLK		LB	2514835	4,6-Dinitro-2-methylphenol	2/4/2010	60	0.68	60	U	UG/L
	7556BLK		LB	2514809	4,6-Dinitro-2-methylphenol	2/4/2010	60	0.68	60	U	UG/L
	7556BLK		LB	2514823	4,6-Dinitro-2-methylphenol	2/4/2010	60	0.68	60	U	UG/L
	7556BLK		LB	2514835	4-Bromophenyl phenyl ether	2/4/2010	10	2.3	10	U	UG/L
	7556BLK		LB	2514809	4-Bromophenyl phenyl ether	2/4/2010	10	2.3	10	U	UG/L
	7556BLK		LB	2514823	4-Bromophenyl phenyl ether	2/4/2010	10	2.3	10	U	UG/L
	7556BLK		LB	2514835	4-Chloro-3-methylphenol	2/4/2010	20	2.7	20	U	UG/L
	7556BLK		LB	2514809	4-Chloro-3-methylphenol	2/4/2010	20	2.7	20	U	UG/L
	7556BLK		LB	2514823	4-Chloro-3-methylphenol	2/4/2010	20	2.7	20	U	UG/L
	7556BLK		LB	2514835	4-Chloroaniline	2/4/2010	20	3	20	U	UG/L
	7556BLK		LB	2514809	4-Chloroaniline	2/4/2010	20	3	20	U	UG/L
	7556BLK		LB	2514823	4-Chloroaniline	2/4/2010	20	3	20	U	UG/L
	7556BLK		LB	2514835	4-Chlorophenyl phenyl ether	2/4/2010	10	2.5	10	U	UG/L
	7556BLK		LB	2514809	4-Chlorophenyl phenyl ether	2/4/2010	10	2.5	10	U	UG/L
	7556BLK		LB	2514823	4-Chlorophenyl phenyl ether	2/4/2010	10	2.5	10	U	UG/L
	7556BLK		LB	2514835	4-Methylphenol	2/4/2010	20	6.1	20	U	UG/L
	7556BLK		LB	2514823	4-Methylphenol	2/4/2010	20	6.1	20	U	UG/L
	7556BLK		LB	2514809	4-Methylphenol	2/4/2010	20	6.1	20	U	UG/L
	7556BLK		LB	2514835	4-Nitroaniline	2/4/2010	10	1.3	10	U	UG/L
	7556BLK		LB	2514823	4-Nitroaniline	2/4/2010	10	1.3	10	U	UG/L
	7556BLK		LB	2514809	4-Nitroaniline	2/4/2010	10	1.3	10	U	UG/L
	7556BLK		LB	2514835	4-Nitrophenol	2/4/2010	50	1	50	R	UG/L
	7556BLK		LB	2514823	4-Nitrophenol	2/4/2010	50	1	50	R	UG/L
	7556BLK		LB	2514809	4-Nitrophenol	2/4/2010	50	1	50	R	UG/L
	7556BLK		LB	2514835	Acenaphthene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514809	Acenaphthene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514823	Acenaphthene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514835	Acenaphthylene	2/4/2010	10	3	10	U	UG/L
	7556BLK		LB	2514823	Acenaphthylene	2/4/2010	10	3	10	U	UG/L
	7556BLK		LB	2514809	Acenaphthylene	2/4/2010	10	3	10	U	UG/L
	7556BLK		LB	2514835	Anthracene	2/4/2010	10	2.8	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7556BLK	WATER	LB	2514809	Anthracene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514823	Anthracene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514835	Benzidine	2/4/2010	150	20	150	U	UG/L
	7556BLK		LB	2514809	Benzidine	2/4/2010	150	20	150	U	UG/L
	7556BLK		LB	2514823	Benzidine	2/4/2010	150	20	150	U	UG/L
	7556BLK		LB	2514835	Benzo (a) pyrene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514823	Benzo (a) pyrene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514809	Benzo (a) pyrene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514835	Benzo (b) fluoranthene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514823	Benzo (b) fluoranthene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514809	Benzo (b) fluoranthene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514835	Benzo (g,h,i) perylene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514809	Benzo (g,h,i) perylene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514823	Benzo (g,h,i) perylene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514835	Benzo(a)anthracene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514823	Benzo(a)anthracene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514809	Benzo(a)anthracene	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514835	Benzo(k)fluoranthene	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514809	Benzo(k)fluoranthene	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514823	Benzo(k)fluoranthene	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514835	Benzoic acid	2/4/2010	60	14	60	R	UG/L
	7556BLK		LB	2514809	Benzoic acid	2/4/2010	60	14	60	R	UG/L
	7556BLK		LB	2514823	Benzoic acid	2/4/2010	60	14	60	R	UG/L
	7556BLK		LB	2514835	Bis (2-chloroethoxy) methane	2/4/2010	10	3.5	10	U	UG/L
	7556BLK		LB	2514823	Bis (2-chloroethoxy) methane	2/4/2010	10	3.5	10	U	UG/L
	7556BLK		LB	2514809	Bis (2-chloroethoxy) methane	2/4/2010	10	3.5	10	U	UG/L
	7556BLK		LB	2514835	Bis (2-chloroethyl) ether	2/4/2010	10	3	10	U	UG/L
	7556BLK		LB	2514823	Bis (2-chloroethyl) ether	2/4/2010	10	3	10	U	UG/L
	7556BLK		LB	2514809	Bis (2-chloroethyl) ether	2/4/2010	10	3	10	U	UG/L
	7556BLK		LB	2514835	Bis (2-ethylhexyl) phthalate	2/4/2010	10	4.4	10	U	UG/L
	7556BLK		LB	2514809	Bis (2-ethylhexyl) phthalate	2/4/2010	10	4.4	10	U	UG/L
	7556BLK		LB	2514823	Bis (2-ethylhexyl) phthalate	2/4/2010	10	4.4	10	U	UG/L
	7556BLK		LB	2514835	Butyl benzylphthalate	2/4/2010	20	3	20	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7556BLK	WATER	LB	2514809	Butyl benzylphthalate	2/4/2010	20	3	20	U	UG/L
	7556BLK		LB	2514823	Butyl benzylphthalate	2/4/2010	20	3	20	U	UG/L
	7556BLK		LB	2514835	Chrysene	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514823	Chrysene	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514809	Chrysene	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514835	Dibenzo (a,h) anthracene	2/4/2010	10	1.2	10	U	UG/L
	7556BLK		LB	2514809	Dibenzo (a,h) anthracene	2/4/2010	10	1.2	10	U	UG/L
	7556BLK		LB	2514823	Dibenzo (a,h) anthracene	2/4/2010	10	1.2	10	U	UG/L
	7556BLK		LB	2514835	Dibenzofuran	2/4/2010	10	2.7	10	U	UG/L
	7556BLK		LB	2514823	Dibenzofuran	2/4/2010	10	2.7	10	U	UG/L
	7556BLK		LB	2514809	Dibenzofuran	2/4/2010	10	2.7	10	U	UG/L
	7556BLK		LB	2514835	Diethyl phthalate	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514809	Diethyl phthalate	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514823	Diethyl phthalate	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514835	Dimethyl phthalate	2/4/2010	10	3	10	U	UG/L
	7556BLK		LB	2514823	Dimethyl phthalate	2/4/2010	10	3	10	U	UG/L
	7556BLK		LB	2514809	Dimethyl phthalate	2/4/2010	10	3	10	U	UG/L
	7556BLK		LB	2514835	Di-n-butylphthalate	2/4/2010	20	0.86	20	U	UG/L
	7556BLK		LB	2514809	Di-n-butylphthalate	2/4/2010	20	0.86	20	U	UG/L
	7556BLK		LB	2514823	Di-n-butylphthalate	2/4/2010	20	0.86	20	U	UG/L
	7556BLK		LB	2514835	Di-n-octylphthalate	2/4/2010	20	1.1	20	U	UG/L
	7556BLK		LB	2514823	Di-n-octylphthalate	2/4/2010	20	1.1	20	U	UG/L
	7556BLK		LB	2514809	Di-n-octylphthalate	2/4/2010	20	1.1	20	U	UG/L
	7556BLK		LB	2514835	Fluoranthene	2/4/2010	20	2.8	20	U	UG/L
	7556BLK		LB	2514809	Fluoranthene	2/4/2010	20	2.8	20	U	UG/L
	7556BLK		LB	2514823	Fluoranthene	2/4/2010	20	2.8	20	U	UG/L
	7556BLK		LB	2514835	Fluorene	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514823	Fluorene	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514809	Fluorene	2/4/2010	10	2.9	10	U	UG/L
	7556BLK		LB	2514835	Hexachlorobenzene	2/4/2010	10	0.41	10	U	UG/L
	7556BLK		LB	2514823	Hexachlorobenzene	2/4/2010	10	0.41	10	U	UG/L
	7556BLK		LB	2514809	Hexachlorobenzene	2/4/2010	10	0.41	10	U	UG/L
	7556BLK		LB	2514835	Hexachlorobutadiene	2/4/2010	10	2.5	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7556BLK	WATER	LB	2514823	Hexachlorobutadiene	2/4/2010	10	2.5	10	U	UG/L
	7556BLK		LB	2514809	Hexachlorobutadiene	2/4/2010	10	2.5	10	U	UG/L
	7556BLK		LB	2514835	Hexachlorocyclopentadiene	2/4/2010	10	0.82	10	U	UG/L
	7556BLK		LB	2514809	Hexachlorocyclopentadiene	2/4/2010	10	0.82	10	U	UG/L
	7556BLK		LB	2514823	Hexachlorocyclopentadiene	2/4/2010	10	0.82	10	U	UG/L
	7556BLK		LB	2514835	Hexachloroethane	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514809	Hexachloroethane	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514823	Hexachloroethane	2/4/2010	10	2.6	10	U	UG/L
	7556BLK		LB	2514835	Indeno(1,2,3-cd)pyrene	2/4/2010	10	1.6	10	U	UG/L
	7556BLK		LB	2514823	Indeno(1,2,3-cd)pyrene	2/4/2010	10	1.6	10	U	UG/L
	7556BLK		LB	2514809	Indeno(1,2,3-cd)pyrene	2/4/2010	10	1.6	10	U	UG/L
	7556BLK		LB	2514835	Naphthalene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514809	Naphthalene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514823	Naphthalene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514835	Nitrobenzene	2/4/2010	20	1	20	U	UG/L
	7556BLK		LB	2514809	Nitrobenzene	2/4/2010	20	1	20	U	UG/L
	7556BLK		LB	2514823	Nitrobenzene	2/4/2010	20	1	20	U	UG/L
	7556BLK		LB	2514835	n-Nitrosodi-n-propylamine	2/4/2010	20	3	20	U	UG/L
	7556BLK		LB	2514823	n-Nitrosodi-n-propylamine	2/4/2010	20	3	20	U	UG/L
	7556BLK		LB	2514809	n-Nitrosodi-n-propylamine	2/4/2010	20	3	20	U	UG/L
	7556BLK		LB	2514835	n-Nitrosodiphenylamine	2/4/2010	10	3.4	10	U	UG/L
	7556BLK		LB	2514823	n-Nitrosodiphenylamine	2/4/2010	10	3.4	10	U	UG/L
	7556BLK		LB	2514809	n-Nitrosodiphenylamine	2/4/2010	10	3.4	10	U	UG/L
	7556BLK		LB	2514835	Pentachlorophenol	2/4/2010	60	1.4	60	U	UG/L
	7556BLK		LB	2514823	Pentachlorophenol	2/4/2010	60	1.4	60	U	UG/L
	7556BLK		LB	2514809	Pentachlorophenol	2/4/2010	60	1.4	60	U	UG/L
	7556BLK		LB	2514835	Phenanthrene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514823	Phenanthrene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514809	Phenanthrene	2/4/2010	10	2.8	10	U	UG/L
	7556BLK		LB	2514835	Phenol	2/4/2010	10	1.7	10	R	UG/L
	7556BLK		LB	2514823	Phenol	2/4/2010	10	1.7	10	R	UG/L
	7556BLK		LB	2514809	Phenol	2/4/2010	10	1.7	10	R	UG/L
	7556BLK		LB	2514835	Pyrene	2/4/2010	10	1.2	10	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	7556BLK	WATER	LB	2514823	Pyrene	2/4/2010	10	1.2	10	U	UG/L
	7556BLK		LB	2514809	Pyrene	2/4/2010	10	1.2	10	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2-Dichlorobenzene	10/23/2009	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,2-Diphenylhydrazine	10/23/2009	10.4	3.2	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1,3-Dinitrobenzene	10/23/2009	10.4	2.6	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2,4,5-Trichlorophenol	10/23/2009	20.7	3.5	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2,4,6-Trichlorophenol	10/23/2009	20.7	3.7	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2,4-Dichlorophenol	10/23/2009	10.4	3.2	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2,4-Dimethylphenol	10/23/2009	10.4	2.4	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2,4-Dinitrophenol	10/23/2009	62.2	5.8	62.2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2,4-Dinitrotoluene	10/23/2009	20.7	2.9	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2,6-Dinitrotoluene	10/23/2009	20.7	2.9	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2-Chloronaphthalene	10/23/2009	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2-Chlorophenol	10/23/2009	10.4	3	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2-Methylnaphthalene	10/23/2009	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2-Methylphenol	10/23/2009	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2-Nitroaniline	10/23/2009	51.8	3.1	51.8	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2-Nitrophenol	10/23/2009	20.7	3.5	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	3,3'-Dichlorobenzidine	10/23/2009	20.7	2.8	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	3-Nitroaniline	10/23/2009	51.8	2.9	51.8	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	4,6-Dinitro-2-methylphenol	10/23/2009	62.2	3.4	62.2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	4-Bromophenyl phenyl ether	10/23/2009	10.4	2.4	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	4-Chloro-3-methylphenol	10/23/2009	20.7	2.8	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	4-Chloroaniline	10/23/2009	20.7	3.1	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	4-Chlorophenyl phenyl ether	10/23/2009	10.4	2.6	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	4-Methylphenol	10/23/2009	20.7	6.3	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	4-Nitroaniline	10/23/2009	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	4-Nitrophenol	10/23/2009	51.8	3	51.8	R	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Acenaphthene	10/23/2009	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Acenaphthylene	10/23/2009	10.4	3.1	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Anthracene	10/23/2009	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzidine	10/23/2009	155	20.7	155	R	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzo (a) pyrene	10/23/2009	10.4	2.9	10.4	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	ST106-EB-TO313-19102009	WATER	EB	2513925	Benzo (b) fluoranthene	10/23/2009	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzo (g,h,i) perylene	10/23/2009	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzo(a)anthracene	10/23/2009	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzo(k)fluoranthene	10/23/2009	10.4	3	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzoic acid	10/23/2009	62.2	14.5	62.2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Bis (2-chloroethoxy) methane	10/23/2009	10.4	3.6	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Bis (2-chloroethyl) ether	10/23/2009	10.4	3.1	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Bis (2-ethylhexyl) phthalate	10/23/2009	10.4	4.6	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Butyl benzylphthalate	10/23/2009	20.7	3.1	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Chrysene	10/23/2009	10.4	3	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Dibenzo (a,h) anthracene	10/23/2009	10.4	2.8	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Dibenzofuran	10/23/2009	10.4	2.8	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Diethyl phthalate	10/23/2009	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Dimethyl phthalate	10/23/2009	10.4	3.1	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Di-n-butylphthalate	10/23/2009	20.7	3	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Di-n-octylphthalate	10/23/2009	20.7	2.9	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Fluoranthene	10/23/2009	20.7	2.9	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Fluorene	10/23/2009	10.4	3	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Hexachlorobenzene	10/23/2009	10.4	0.42	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Hexachlorobutadiene	10/23/2009	10.4	2.6	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Hexachlorocyclopentadiene	10/23/2009	10.4	2.3	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Hexachloroethane	10/23/2009	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Indeno(1,2,3-cd)pyrene	10/23/2009	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Naphthalene	10/23/2009	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Nitrobenzene	10/23/2009	20.7	2.9	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	n-Nitrosodi-n-propylamine	10/23/2009	20.7	3.1	20.7	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	n-Nitrosodiphenylamine	10/23/2009	10.4	3.5	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Pentachlorophenol	10/23/2009	62.2	2.7	62.2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Phenanthrene	10/23/2009	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Phenol	10/23/2009	10.4	1.8	10.4	R	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Pyrene	10/23/2009	10.4	3	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2-Dichlorobenzene	2/5/2010	9.5	2.5	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2-Dichlorobenzene	1/29/2010	10.4	2.7	10.4	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	ST106-EB-TO96-20012010	WATER	EB	2514809	1,2-Diphenylhydrazine	1/29/2010	10.4	3.2	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,2-Diphenylhydrazine	2/5/2010	9.5	3	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,3-Dinitrobenzene	2/5/2010	9.5	2.4	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1,3-Dinitrobenzene	1/29/2010	10.4	2.6	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4,5-Trichlorophenol	1/29/2010	20.8	3.5	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4,5-Trichlorophenol	2/5/2010	19	3.2	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4,6-Trichlorophenol	1/29/2010	20.8	0.88	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4,6-Trichlorophenol	2/5/2010	19	0.8	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4-Dichlorophenol	1/29/2010	10.4	3.2	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4-Dichlorophenol	2/5/2010	9.5	3	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4-Dimethylphenol	1/29/2010	10.4	2.4	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4-Dimethylphenol	2/5/2010	9.5	2.2	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4-Dinitrophenol	2/5/2010	57.1	5.3	57.1	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4-Dinitrophenol	1/29/2010	62.5	5.8	62.5	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4-Dinitrotoluene	1/29/2010	20.8	2.9	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,4-Dinitrotoluene	2/5/2010	19	2.7	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,6-Dinitrotoluene	2/5/2010	19	2.7	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2,6-Dinitrotoluene	1/29/2010	20.8	2.9	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Chloronaphthalene	2/5/2010	9.5	2.7	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Chloronaphthalene	1/29/2010	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Chlorophenol	1/29/2010	10.4	3	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Chlorophenol	2/5/2010	9.5	2.8	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Methylnaphthalene	1/29/2010	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Methylnaphthalene	2/5/2010	9.5	2.7	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Methylphenol	1/29/2010	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Methylphenol	2/5/2010	9.5	2.5	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Nitroaniline	1/29/2010	52.1	3.1	52.1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Nitroaniline	2/5/2010	47.6	2.8	47.6	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Nitrophenol	2/5/2010	19	0.73	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Nitrophenol	1/29/2010	20.8	0.8	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	3,3'-Dichlorobenzidine	1/29/2010	20.8	2.8	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	3,3'-Dichlorobenzidine	2/5/2010	19	2.6	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	3-Nitroaniline	2/5/2010	47.6	2.7	47.6	xcluc	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	ST106-EB-TO96-20012010	WATER	EB	2514809	3-Nitroaniline	1/29/2010	52.1	2.9	52.1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4,6-Dinitro-2-methylphenol	1/29/2010	62.5	0.71	62.5	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4,6-Dinitro-2-methylphenol	2/5/2010	57.1	0.65	57.1	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Bromophenyl phenyl ether	1/29/2010	10.4	2.4	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Bromophenyl phenyl ether	2/5/2010	9.5	2.2	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Chloro-3-methylphenol	1/29/2010	20.8	2.8	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Chloro-3-methylphenol	2/5/2010	19	2.6	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Chloroaniline	2/5/2010	19	2.8	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Chloroaniline	1/29/2010	20.8	3.1	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Chlorophenyl phenyl ether	2/5/2010	9.5	2.4	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Chlorophenyl phenyl ether	1/29/2010	10.4	2.6	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Methylphenol	2/5/2010	19	5.8	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Methylphenol	1/29/2010	20.8	6.4	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Nitroaniline	1/29/2010	10.4	1.4	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Nitroaniline	2/5/2010	9.5	1.2	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Nitrophenol	1/29/2010	52.1	1	52.1	R	UG/L
	ST106-EB-TO96-20012010		EB	2514809	4-Nitrophenol	2/5/2010	47.6	0.95	47.6	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Acenaphthene	1/29/2010	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Acenaphthene	2/5/2010	9.5	2.7	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Acenaphthylene	2/5/2010	9.5	2.8	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Acenaphthylene	1/29/2010	10.4	3.1	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Anthracene	2/5/2010	9.5	2.7	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Anthracene	1/29/2010	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzidine	1/29/2010	156	20.8	156	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzidine	2/5/2010	143	19	143	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo (a) pyrene	2/5/2010	9.5	2.7	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo (a) pyrene	1/29/2010	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo (b) fluoranthene	2/5/2010	9.5	2.5	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo (b) fluoranthene	1/29/2010	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo (g,h,i) perylene	2/5/2010	9.5	2.5	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo (g,h,i) perylene	1/29/2010	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo(a)anthracene	1/29/2010	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo(a)anthracene	2/5/2010	9.5	2.5	9.5	xcluc	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	ST106-EB-TO96-20012010	WATER	EB	2514809	Benzo(k)fluoranthene	2/5/2010	9.5	2.8	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo(k)fluoranthene	1/29/2010	10.4	3	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzoic acid	2/5/2010	57.1	13.3	57.1	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzoic acid	1/29/2010	62.5	14.6	62.5	R	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Bis (2-chloroethoxy) methane	2/5/2010	9.5	3.3	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Bis (2-chloroethoxy) methane	1/29/2010	10.4	3.6	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Bis (2-chloroethyl) ether	1/29/2010	10.4	3.1	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Bis (2-chloroethyl) ether	2/5/2010	9.5	2.8	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Bis (2-ethylhexyl) phthalate	2/5/2010	5.8	4.2	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Bis (2-ethylhexyl) phthalate	1/29/2010	6.9	4.6	10.4	J	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Butyl benzylphthalate	2/5/2010	19	2.8	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Butyl benzylphthalate	1/29/2010	20.8	3.1	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Chrysene	2/5/2010	9.5	2.8	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Chrysene	1/29/2010	10.4	3	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Dibenzo (a,h) anthracene	2/5/2010	9.5	1.1	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Dibenzo (a,h) anthracene	1/29/2010	10.4	1.2	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Dibenzofuran	1/29/2010	10.4	2.8	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Dibenzofuran	2/5/2010	9.5	2.6	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Diethyl phthalate	1/29/2010	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Diethyl phthalate	2/5/2010	9.5	2.7	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Dimethyl phthalate	1/29/2010	10.4	3.1	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Dimethyl phthalate	2/5/2010	9.5	2.8	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Di-n-butylphthalate	2/5/2010	19	0.82	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Di-n-butylphthalate	1/29/2010	20.8	0.9	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Di-n-octylphthalate	2/5/2010	19	1	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Di-n-octylphthalate	1/29/2010	20.8	1.1	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Fluoranthene	1/29/2010	20.8	2.9	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Fluoranthene	2/5/2010	19	2.7	19	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Fluorene	1/29/2010	10.4	3	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Fluorene	2/5/2010	9.5	2.8	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Hexachlorobenzene	2/5/2010	9.5	0.39	9.5	xcluc	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Hexachlorobenzene	1/29/2010	10.4	0.43	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Hexachlorobutadiene	2/5/2010	9.5	2.4	9.5	xcluc	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8270C											
	ST106-EB-TO96-20012010	WATER	EB	2514809	Hexachlorobutadiene	1/29/2010	10.4	2.6	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Hexachlorocyclopentadiene	2/5/2010	9.5	0.78	9.5	xclu	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Hexachlorocyclopentadiene	1/29/2010	10.4	0.85	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Hexachloroethane	2/5/2010	9.5	2.5	9.5	xclu	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Hexachloroethane	1/29/2010	10.4	2.7	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Indeno(1,2,3-cd)pyrene	1/29/2010	10.4	1.7	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Indeno(1,2,3-cd)pyrene	2/5/2010	9.5	1.5	9.5	xclu	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Naphthalene	2/5/2010	9.5	2.7	9.5	xclu	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Naphthalene	1/29/2010	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Nitrobenzene	1/29/2010	20.8	1	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Nitrobenzene	2/5/2010	19	0.95	19	xclu	UG/L
	ST106-EB-TO96-20012010		EB	2514809	n-Nitrosodi-n-propylamine	2/5/2010	19	2.8	19	xclu	UG/L
	ST106-EB-TO96-20012010		EB	2514809	n-Nitrosodi-n-propylamine	1/29/2010	20.8	3.1	20.8	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	n-Nitrosodiphenylamine	2/5/2010	9.5	3.2	9.5	xclu	UG/L
	ST106-EB-TO96-20012010		EB	2514809	n-Nitrosodiphenylamine	1/29/2010	10.4	3.5	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Pentachlorophenol	1/29/2010	62.5	1.4	62.5	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Pentachlorophenol	2/5/2010	57.1	1.3	57.1	xclu	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Phenanthrene	1/29/2010	10.4	2.9	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Phenanthrene	2/5/2010	9.5	2.7	9.5	xclu	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Phenol	1/29/2010	10.4	1.8	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Phenol	2/5/2010	9.5	1.6	9.5	xclu	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Pyrene	1/29/2010	10.4	1.2	10.4	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Pyrene	2/5/2010	9.5	1.1	9.5	xclu	UG/L
SW8310											
	509BLK	WATER	LB	2514835	1-Methylnaphthalene	1/27/2010	1	0.033	1	U	UG/L
	509BLK		LB	2514809	1-Methylnaphthalene	1/27/2010	1	0.033	1	U	UG/L
	509BLK		LB	2514823	1-Methylnaphthalene	1/27/2010	1	0.033	1	U	UG/L
	509BLK		LB	2514835	2-Methylnaphthalene	1/27/2010	1	0.068	1	U	UG/L
	509BLK		LB	2514809	2-Methylnaphthalene	1/27/2010	1	0.068	1	U	UG/L
	509BLK		LB	2514823	2-Methylnaphthalene	1/27/2010	1	0.068	1	U	UG/L
	509BLK		LB	2514835	Acenaphthene	1/27/2010	1	0.033	1	U	UG/L
	509BLK		LB	2514823	Acenaphthene	1/27/2010	1	0.033	1	U	UG/L
	509BLK		LB	2514809	Acenaphthene	1/27/2010	1	0.033	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	509BLK	WATER	LB	2514835	Acenaphthylene	1/27/2010	1	0.028	1	U	UG/L
	509BLK		LB	2514809	Acenaphthylene	1/27/2010	1	0.028	1	U	UG/L
	509BLK		LB	2514823	Acenaphthylene	1/27/2010	1	0.028	1	U	UG/L
	509BLK		LB	2514835	Anthracene	1/27/2010	0.3	0.012	0.3	U	UG/L
	509BLK		LB	2514809	Anthracene	1/27/2010	0.3	0.012	0.3	U	UG/L
	509BLK		LB	2514823	Anthracene	1/27/2010	0.3	0.012	0.3	U	UG/L
	509BLK		LB	2514835	Benzo (a) pyrene	1/27/2010	0.2	0.033	0.2	U	UG/L
	509BLK		LB	2514823	Benzo (a) pyrene	1/27/2010	0.2	0.033	0.2	U	UG/L
	509BLK		LB	2514809	Benzo (a) pyrene	1/27/2010	0.2	0.033	0.2	U	UG/L
	509BLK		LB	2514835	Benzo (b) fluoranthene	1/27/2010	0.2	0.032	0.2	U	UG/L
	509BLK		LB	2514823	Benzo (b) fluoranthene	1/27/2010	0.2	0.032	0.2	U	UG/L
	509BLK		LB	2514809	Benzo (b) fluoranthene	1/27/2010	0.2	0.032	0.2	U	UG/L
	509BLK		LB	2514835	Benzo (g,h,i) perylene	1/27/2010	0.2	0.029	0.2	U	UG/L
	509BLK		LB	2514823	Benzo (g,h,i) perylene	1/27/2010	0.2	0.029	0.2	U	UG/L
	509BLK		LB	2514809	Benzo (g,h,i) perylene	1/27/2010	0.2	0.029	0.2	U	UG/L
	509BLK		LB	2514835	Benzo(a)anthracene	1/27/2010	0.2	0.03	0.2	U	UG/L
	509BLK		LB	2514823	Benzo(a)anthracene	1/27/2010	0.2	0.03	0.2	U	UG/L
	509BLK		LB	2514809	Benzo(a)anthracene	1/27/2010	0.2	0.03	0.2	U	UG/L
	509BLK		LB	2514835	Benzo(k)fluoranthene	1/27/2010	0.15	0.074	0.15	U	UG/L
	509BLK		LB	2514823	Benzo(k)fluoranthene	1/27/2010	0.15	0.074	0.15	U	UG/L
	509BLK		LB	2514809	Benzo(k)fluoranthene	1/27/2010	0.15	0.074	0.15	U	UG/L
	509BLK		LB	2514835	Chrysene	1/27/2010	0.2	0.087	0.2	U	UG/L
	509BLK		LB	2514809	Chrysene	1/27/2010	0.2	0.087	0.2	U	UG/L
	509BLK		LB	2514823	Chrysene	1/27/2010	0.2	0.087	0.2	U	UG/L
	509BLK		LB	2514835	Dibenzo (a,h) anthracene	1/27/2010	0.3	0.036	0.3	U	UG/L
	509BLK		LB	2514823	Dibenzo (a,h) anthracene	1/27/2010	0.3	0.036	0.3	U	UG/L
	509BLK		LB	2514809	Dibenzo (a,h) anthracene	1/27/2010	0.3	0.036	0.3	U	UG/L
	509BLK		LB	2514835	Fluoranthene	1/27/2010	0.4	0.035	0.4	U	UG/L
	509BLK		LB	2514823	Fluoranthene	1/27/2010	0.4	0.035	0.4	U	UG/L
	509BLK		LB	2514809	Fluoranthene	1/27/2010	0.4	0.035	0.4	U	UG/L
	509BLK		LB	2514835	Fluorene	1/27/2010	0.3	0.019	0.3	U	UG/L
	509BLK		LB	2514809	Fluorene	1/27/2010	0.3	0.019	0.3	U	UG/L
	509BLK		LB	2514823	Fluorene	1/27/2010	0.3	0.019	0.3	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	509BLK	WATER	LB	2514835	Indeno(1,2,3-cd)pyrene	1/27/2010	0.029	0.02	0.2	J	UG/L
	509BLK		LB	2514823	Indeno(1,2,3-cd)pyrene	1/27/2010	0.029	0.02	0.2	J	UG/L
	509BLK		LB	2514809	Indeno(1,2,3-cd)pyrene	1/27/2010	0.029	0.02	0.2	J	UG/L
	509BLK		LB	2514835	Naphthalene	1/27/2010	1	0.042	1	U	UG/L
	509BLK		LB	2514809	Naphthalene	1/27/2010	1	0.042	1	U	UG/L
	509BLK		LB	2514823	Naphthalene	1/27/2010	1	0.042	1	U	UG/L
	509BLK		LB	2514835	Phenanthrene	1/27/2010	0.3	0.039	0.3	U	UG/L
	509BLK		LB	2514809	Phenanthrene	1/27/2010	0.3	0.039	0.3	U	UG/L
	509BLK		LB	2514823	Phenanthrene	1/27/2010	0.3	0.039	0.3	U	UG/L
	509BLK		LB	2514835	Pyrene	1/27/2010	0.2	0.038	0.2	U	UG/L
	509BLK		LB	2514823	Pyrene	1/27/2010	0.2	0.038	0.2	U	UG/L
	509BLK		LB	2514809	Pyrene	1/27/2010	0.2	0.038	0.2	U	UG/L
	530BLK		LB	2514863	1-Methylnaphthalene	1/29/2010	1	0.033	1	U	UG/L
	530BLK		LB	2514863	2-Methylnaphthalene	1/29/2010	1	0.068	1	U	UG/L
	530BLK		LB	2514863	Acenaphthene	1/29/2010	1	0.033	1	U	UG/L
	530BLK		LB	2514863	Acenaphthylene	1/29/2010	1	0.028	1	U	UG/L
	530BLK		LB	2514863	Anthracene	1/29/2010	0.3	0.012	0.3	U	UG/L
	530BLK		LB	2514863	Benzo (a) pyrene	1/29/2010	0.2	0.033	0.2	R	UG/L
	530BLK		LB	2514863	Benzo (b) fluoranthene	1/29/2010	0.2	0.032	0.2	U	UG/L
	530BLK		LB	2514863	Benzo (g,h,i) perylene	1/29/2010	0.2	0.029	0.2	R	UG/L
	530BLK		LB	2514863	Benzo(a)anthracene	1/29/2010	0.2	0.03	0.2	U	UG/L
	530BLK		LB	2514863	Benzo(k)fluoranthene	1/29/2010	0.15	0.074	0.15	U	UG/L
	530BLK		LB	2514863	Chrysene	1/29/2010	0.2	0.087	0.2	U	UG/L
	530BLK		LB	2514863	Dibenzo (a,h) anthracene	1/29/2010	0.3	0.036	0.3	U	UG/L
	530BLK		LB	2514863	Fluoranthene	1/29/2010	0.4	0.035	0.4	U	UG/L
	530BLK		LB	2514863	Fluorene	1/29/2010	0.3	0.019	0.3	U	UG/L
	530BLK		LB	2514863	Indeno(1,2,3-cd)pyrene	1/29/2010	0.032	0.02	0.2	J	UG/L
	530BLK		LB	2514863	Naphthalene	1/29/2010	1	0.042	1	U	UG/L
	530BLK		LB	2514863	Phenanthrene	1/29/2010	0.3	0.039	0.3	U	UG/L
	530BLK		LB	2514863	Pyrene	1/29/2010	0.2	0.038	0.2	U	UG/L
	7038BLK		LB	2513871	1-Methylnaphthalene	10/20/2009	1	0.033	1	U	UG/L
	7038BLK		LB	2513891	1-Methylnaphthalene	10/20/2009	1	0.033	1	U	UG/L
	7038BLK		LB	2513858	1-Methylnaphthalene	10/20/2009	1	0.033	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	7038BLK	WATER	LB	2513902	1-Methylnaphthalene	10/20/2009	1	0.033	1	U	UG/L
	7038BLK		LB	2513891	2-Methylnaphthalene	10/20/2009	1	0.068	1	U	UG/L
	7038BLK		LB	2513871	2-Methylnaphthalene	10/20/2009	1	0.068	1	U	UG/L
	7038BLK		LB	2513858	2-Methylnaphthalene	10/20/2009	1	0.068	1	U	UG/L
	7038BLK		LB	2513902	2-Methylnaphthalene	10/20/2009	1	0.068	1	U	UG/L
	7038BLK		LB	2513902	Acenaphthene	10/20/2009	1	0.033	1	U	UG/L
	7038BLK		LB	2513891	Acenaphthene	10/20/2009	1	0.033	1	U	UG/L
	7038BLK		LB	2513871	Acenaphthene	10/20/2009	1	0.033	1	U	UG/L
	7038BLK		LB	2513858	Acenaphthene	10/20/2009	1	0.033	1	U	UG/L
	7038BLK		LB	2513902	Acenaphthylene	10/20/2009	1	0.028	1	U	UG/L
	7038BLK		LB	2513858	Acenaphthylene	10/20/2009	1	0.028	1	U	UG/L
	7038BLK		LB	2513891	Acenaphthylene	10/20/2009	1	0.028	1	U	UG/L
	7038BLK		LB	2513871	Acenaphthylene	10/20/2009	1	0.028	1	U	UG/L
	7038BLK		LB	2513902	Anthracene	10/20/2009	0.3	0.012	0.3	U	UG/L
	7038BLK		LB	2513891	Anthracene	10/20/2009	0.3	0.012	0.3	U	UG/L
	7038BLK		LB	2513871	Anthracene	10/20/2009	0.3	0.012	0.3	U	UG/L
	7038BLK		LB	2513858	Anthracene	10/20/2009	0.3	0.012	0.3	U	UG/L
	7038BLK		LB	2513858	Benzo (a) pyrene	10/20/2009	0.2	0.033	0.2	U	UG/L
	7038BLK		LB	2513902	Benzo (a) pyrene	10/20/2009	0.2	0.033	0.2	U	UG/L
	7038BLK		LB	2513871	Benzo (a) pyrene	10/20/2009	0.2	0.033	0.2	U	UG/L
	7038BLK		LB	2513891	Benzo (a) pyrene	10/20/2009	0.2	0.033	0.2	U	UG/L
	7038BLK		LB	2513902	Benzo (b) fluoranthene	10/20/2009	0.2	0.032	0.2	U	UG/L
	7038BLK		LB	2513891	Benzo (b) fluoranthene	10/20/2009	0.2	0.032	0.2	U	UG/L
	7038BLK		LB	2513858	Benzo (b) fluoranthene	10/20/2009	0.2	0.032	0.2	U	UG/L
	7038BLK		LB	2513871	Benzo (b) fluoranthene	10/20/2009	0.2	0.032	0.2	U	UG/L
	7038BLK		LB	2513858	Benzo (g,h,i) perylene	10/20/2009	0.2	0.029	0.2	U	UG/L
	7038BLK		LB	2513871	Benzo (g,h,i) perylene	10/20/2009	0.2	0.029	0.2	U	UG/L
	7038BLK		LB	2513891	Benzo (g,h,i) perylene	10/20/2009	0.2	0.029	0.2	U	UG/L
	7038BLK		LB	2513902	Benzo (g,h,i) perylene	10/20/2009	0.2	0.029	0.2	U	UG/L
	7038BLK		LB	2513871	Benzo(a)anthracene	10/20/2009	0.2	0.03	0.2	U	UG/L
	7038BLK		LB	2513891	Benzo(a)anthracene	10/20/2009	0.2	0.03	0.2	U	UG/L
	7038BLK		LB	2513902	Benzo(a)anthracene	10/20/2009	0.2	0.03	0.2	U	UG/L
	7038BLK		LB	2513858	Benzo(a)anthracene	10/20/2009	0.2	0.03	0.2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	7038BLK	WATER	LB	2513858	Benzo(k)fluoranthene	10/20/2009	0.15	0.074	0.15	U	UG/L
	7038BLK		LB	2513891	Benzo(k)fluoranthene	10/20/2009	0.15	0.074	0.15	U	UG/L
	7038BLK		LB	2513902	Benzo(k)fluoranthene	10/20/2009	0.15	0.074	0.15	U	UG/L
	7038BLK		LB	2513871	Benzo(k)fluoranthene	10/20/2009	0.15	0.074	0.15	U	UG/L
	7038BLK		LB	2513891	Chrysene	10/20/2009	0.2	0.087	0.2	U	UG/L
	7038BLK		LB	2513871	Chrysene	10/20/2009	0.2	0.087	0.2	U	UG/L
	7038BLK		LB	2513902	Chrysene	10/20/2009	0.2	0.087	0.2	U	UG/L
	7038BLK		LB	2513858	Chrysene	10/20/2009	0.2	0.087	0.2	U	UG/L
	7038BLK		LB	2513871	Dibenzo (a,h) anthracene	10/20/2009	0.3	0.036	0.3	U	UG/L
	7038BLK		LB	2513902	Dibenzo (a,h) anthracene	10/20/2009	0.3	0.036	0.3	U	UG/L
	7038BLK		LB	2513858	Dibenzo (a,h) anthracene	10/20/2009	0.3	0.036	0.3	U	UG/L
	7038BLK		LB	2513891	Dibenzo (a,h) anthracene	10/20/2009	0.3	0.036	0.3	U	UG/L
	7038BLK		LB	2513858	Fluoranthene	10/20/2009	0.4	0.035	0.4	U	UG/L
	7038BLK		LB	2513871	Fluoranthene	10/20/2009	0.4	0.035	0.4	U	UG/L
	7038BLK		LB	2513891	Fluoranthene	10/20/2009	0.4	0.035	0.4	U	UG/L
	7038BLK		LB	2513902	Fluoranthene	10/20/2009	0.4	0.035	0.4	U	UG/L
	7038BLK		LB	2513871	Fluorene	10/20/2009	0.3	0.019	0.3	U	UG/L
	7038BLK		LB	2513891	Fluorene	10/20/2009	0.3	0.019	0.3	U	UG/L
	7038BLK		LB	2513902	Fluorene	10/20/2009	0.3	0.019	0.3	U	UG/L
	7038BLK		LB	2513858	Fluorene	10/20/2009	0.3	0.019	0.3	U	UG/L
	7038BLK		LB	2513858	Indeno(1,2,3-cd)pyrene	10/20/2009	0.2	0.02	0.2	U	UG/L
	7038BLK		LB	2513902	Indeno(1,2,3-cd)pyrene	10/20/2009	0.2	0.02	0.2	U	UG/L
	7038BLK		LB	2513891	Indeno(1,2,3-cd)pyrene	10/20/2009	0.2	0.02	0.2	U	UG/L
	7038BLK		LB	2513871	Indeno(1,2,3-cd)pyrene	10/20/2009	0.2	0.02	0.2	U	UG/L
	7038BLK		LB	2513858	Naphthalene	10/20/2009	1	0.042	1	U	UG/L
	7038BLK		LB	2513871	Naphthalene	10/20/2009	1	0.042	1	U	UG/L
	7038BLK		LB	2513902	Naphthalene	10/20/2009	1	0.042	1	U	UG/L
	7038BLK		LB	2513891	Naphthalene	10/20/2009	1	0.042	1	U	UG/L
	7038BLK		LB	2513871	Phenanthrene	10/20/2009	0.3	0.039	0.3	U	UG/L
	7038BLK		LB	2513891	Phenanthrene	10/20/2009	0.3	0.039	0.3	U	UG/L
	7038BLK		LB	2513902	Phenanthrene	10/20/2009	0.3	0.039	0.3	U	UG/L
	7038BLK		LB	2513858	Phenanthrene	10/20/2009	0.3	0.039	0.3	U	UG/L
	7038BLK		LB	2513891	Pyrene	10/20/2009	0.2	0.038	0.2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	7038BLK	WATER	LB	2513858	Pyrene	10/20/2009	0.2	0.038	0.2	U	UG/L
	7038BLK		LB	2513902	Pyrene	10/20/2009	0.2	0.038	0.2	U	UG/L
	7038BLK		LB	2513871	Pyrene	10/20/2009	0.2	0.038	0.2	U	UG/L
	7049BLK		LB	2513927	1-Methylnaphthalene	10/21/2009	1	0.033	1	U	UG/L
	7049BLK		LB	2513922	1-Methylnaphthalene	10/21/2009	1	0.033	1	U	UG/L
	7049BLK		LB	2513925	1-Methylnaphthalene	10/21/2009	1	0.033	1	U	UG/L
	7049BLK		LB	2513927	2-Methylnaphthalene	10/21/2009	1	0.068	1	U	UG/L
	7049BLK		LB	2513925	2-Methylnaphthalene	10/21/2009	1	0.068	1	U	UG/L
	7049BLK		LB	2513922	2-Methylnaphthalene	10/21/2009	1	0.068	1	U	UG/L
	7049BLK		LB	2513927	Acenaphthene	10/21/2009	1	0.033	1	U	UG/L
	7049BLK		LB	2513922	Acenaphthene	10/21/2009	1	0.033	1	U	UG/L
	7049BLK		LB	2513925	Acenaphthene	10/21/2009	1	0.033	1	U	UG/L
	7049BLK		LB	2513922	Acenaphthylene	10/21/2009	1	0.028	1	U	UG/L
	7049BLK		LB	2513927	Acenaphthylene	10/21/2009	1	0.028	1	U	UG/L
	7049BLK		LB	2513925	Acenaphthylene	10/21/2009	1	0.028	1	U	UG/L
	7049BLK		LB	2513927	Anthracene	10/21/2009	0.3	0.012	0.3	U	UG/L
	7049BLK		LB	2513922	Anthracene	10/21/2009	0.3	0.012	0.3	U	UG/L
	7049BLK		LB	2513925	Anthracene	10/21/2009	0.3	0.012	0.3	U	UG/L
	7049BLK		LB	2513927	Benzo (a) pyrene	10/21/2009	0.2	0.033	0.2	U	UG/L
	7049BLK		LB	2513925	Benzo (a) pyrene	10/21/2009	0.2	0.033	0.2	U	UG/L
	7049BLK		LB	2513922	Benzo (a) pyrene	10/21/2009	0.2	0.033	0.2	U	UG/L
	7049BLK		LB	2513925	Benzo (b) fluoranthene	10/21/2009	0.2	0.032	0.2	U	UG/L
	7049BLK		LB	2513927	Benzo (b) fluoranthene	10/21/2009	0.2	0.032	0.2	U	UG/L
	7049BLK		LB	2513922	Benzo (b) fluoranthene	10/21/2009	0.2	0.032	0.2	U	UG/L
	7049BLK		LB	2513922	Benzo (g,h,i) perylene	10/21/2009	0.2	0.029	0.2	U	UG/L
	7049BLK		LB	2513927	Benzo (g,h,i) perylene	10/21/2009	0.2	0.029	0.2	U	UG/L
	7049BLK		LB	2513925	Benzo (g,h,i) perylene	10/21/2009	0.2	0.029	0.2	U	UG/L
	7049BLK		LB	2513927	Benzo(a)anthracene	10/21/2009	0.2	0.03	0.2	U	UG/L
	7049BLK		LB	2513922	Benzo(a)anthracene	10/21/2009	0.2	0.03	0.2	U	UG/L
	7049BLK		LB	2513925	Benzo(a)anthracene	10/21/2009	0.2	0.03	0.2	U	UG/L
	7049BLK		LB	2513922	Benzo(k)fluoranthene	10/21/2009	0.15	0.074	0.15	U	UG/L
	7049BLK		LB	2513925	Benzo(k)fluoranthene	10/21/2009	0.15	0.074	0.15	U	UG/L
	7049BLK		LB	2513927	Benzo(k)fluoranthene	10/21/2009	0.15	0.074	0.15	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	7049BLK	WATER	LB	2513927	Chrysene	10/21/2009	0.2	0.087	0.2	U	UG/L
	7049BLK		LB	2513922	Chrysene	10/21/2009	0.2	0.087	0.2	U	UG/L
	7049BLK		LB	2513925	Chrysene	10/21/2009	0.2	0.087	0.2	U	UG/L
	7049BLK		LB	2513927	Dibenzo (a,h) anthracene	10/21/2009	0.3	0.036	0.3	U	UG/L
	7049BLK		LB	2513922	Dibenzo (a,h) anthracene	10/21/2009	0.3	0.036	0.3	U	UG/L
	7049BLK		LB	2513925	Dibenzo (a,h) anthracene	10/21/2009	0.3	0.036	0.3	U	UG/L
	7049BLK		LB	2513927	Fluoranthene	10/21/2009	0.4	0.035	0.4	U	UG/L
	7049BLK		LB	2513922	Fluoranthene	10/21/2009	0.4	0.035	0.4	U	UG/L
	7049BLK		LB	2513925	Fluoranthene	10/21/2009	0.4	0.035	0.4	U	UG/L
	7049BLK		LB	2513927	Fluorene	10/21/2009	0.3	0.019	0.3	U	UG/L
	7049BLK		LB	2513925	Fluorene	10/21/2009	0.3	0.019	0.3	U	UG/L
	7049BLK		LB	2513922	Fluorene	10/21/2009	0.3	0.019	0.3	U	UG/L
	7049BLK		LB	2513925	Indeno(1,2,3-cd)pyrene	10/21/2009	0.2	0.02	0.2	U	UG/L
	7049BLK		LB	2513922	Indeno(1,2,3-cd)pyrene	10/21/2009	0.2	0.02	0.2	U	UG/L
	7049BLK		LB	2513927	Indeno(1,2,3-cd)pyrene	10/21/2009	0.2	0.02	0.2	U	UG/L
	7049BLK		LB	2513922	Naphthalene	10/21/2009	1	0.042	1	U	UG/L
	7049BLK		LB	2513927	Naphthalene	10/21/2009	1	0.042	1	U	UG/L
	7049BLK		LB	2513925	Naphthalene	10/21/2009	1	0.042	1	U	UG/L
	7049BLK		LB	2513922	Phenanthrene	10/21/2009	0.3	0.039	0.3	U	UG/L
	7049BLK		LB	2513925	Phenanthrene	10/21/2009	0.3	0.039	0.3	U	UG/L
	7049BLK		LB	2513927	Phenanthrene	10/21/2009	0.3	0.039	0.3	U	UG/L
	7049BLK		LB	2513927	Pyrene	10/21/2009	0.2	0.038	0.2	U	UG/L
	7049BLK		LB	2513922	Pyrene	10/21/2009	0.2	0.038	0.2	U	UG/L
	7049BLK		LB	2513925	Pyrene	10/21/2009	0.2	0.038	0.2	U	UG/L
	7435BLK		LB	2514700	1-Methylnaphthalene	1/14/2010	1	0.033	1	U	UG/L
	7435BLK		LB	2514687	1-Methylnaphthalene	1/14/2010	1	0.033	1	U	UG/L
	7435BLK		LB	2514687	2-Methylnaphthalene	1/14/2010	1	0.068	1	U	UG/L
	7435BLK		LB	2514700	2-Methylnaphthalene	1/14/2010	1	0.068	1	U	UG/L
	7435BLK		LB	2514687	Acenaphthene	1/14/2010	1	0.033	1	U	UG/L
	7435BLK		LB	2514700	Acenaphthene	1/14/2010	1	0.033	1	U	UG/L
	7435BLK		LB	2514687	Acenaphthylene	1/14/2010	1	0.028	1	U	UG/L
	7435BLK		LB	2514700	Acenaphthylene	1/14/2010	1	0.028	1	U	UG/L
	7435BLK		LB	2514687	Anthracene	1/14/2010	0.3	0.012	0.3	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	7435BLK	WATER	LB	2514700	Anthracene	1/14/2010	0.3	0.012	0.3	U	UG/L
	7435BLK		LB	2514687	Benzo (a) pyrene	1/14/2010	0.2	0.033	0.2	U	UG/L
	7435BLK		LB	2514700	Benzo (a) pyrene	1/14/2010	0.2	0.033	0.2	U	UG/L
	7435BLK		LB	2514700	Benzo (b) fluoranthene	1/14/2010	0.2	0.032	0.2	U	UG/L
	7435BLK		LB	2514687	Benzo (b) fluoranthene	1/14/2010	0.2	0.032	0.2	U	UG/L
	7435BLK		LB	2514700	Benzo (g,h,i) perylene	1/14/2010	0.2	0.029	0.2	U	UG/L
	7435BLK		LB	2514687	Benzo (g,h,i) perylene	1/14/2010	0.2	0.029	0.2	U	UG/L
	7435BLK		LB	2514700	Benzo(a)anthracene	1/14/2010	0.2	0.03	0.2	U	UG/L
	7435BLK		LB	2514687	Benzo(a)anthracene	1/14/2010	0.2	0.03	0.2	U	UG/L
	7435BLK		LB	2514700	Benzo(k)fluoranthene	1/14/2010	0.15	0.074	0.15	U	UG/L
	7435BLK		LB	2514687	Benzo(k)fluoranthene	1/14/2010	0.15	0.074	0.15	U	UG/L
	7435BLK		LB	2514700	Chrysene	1/14/2010	0.2	0.087	0.2	U	UG/L
	7435BLK		LB	2514687	Chrysene	1/14/2010	0.2	0.087	0.2	U	UG/L
	7435BLK		LB	2514687	Dibenzo (a,h) anthracene	1/14/2010	0.3	0.036	0.3	U	UG/L
	7435BLK		LB	2514700	Dibenzo (a,h) anthracene	1/14/2010	0.3	0.036	0.3	U	UG/L
	7435BLK		LB	2514687	Fluoranthene	1/14/2010	0.4	0.035	0.4	U	UG/L
	7435BLK		LB	2514700	Fluoranthene	1/14/2010	0.4	0.035	0.4	U	UG/L
	7435BLK		LB	2514687	Fluorene	1/14/2010	0.3	0.019	0.3	U	UG/L
	7435BLK		LB	2514700	Fluorene	1/14/2010	0.3	0.019	0.3	U	UG/L
	7435BLK		LB	2514700	Indeno(1,2,3-cd)pyrene	1/14/2010	0.2	0.02	0.2	U	UG/L
	7435BLK		LB	2514687	Indeno(1,2,3-cd)pyrene	1/14/2010	0.2	0.02	0.2	U	UG/L
	7435BLK		LB	2514700	Naphthalene	1/14/2010	1	0.042	1	U	UG/L
	7435BLK		LB	2514687	Naphthalene	1/14/2010	1	0.042	1	U	UG/L
	7435BLK		LB	2514687	Phenanthrene	1/14/2010	0.3	0.039	0.3	U	UG/L
	7435BLK		LB	2514700	Phenanthrene	1/14/2010	0.3	0.039	0.3	U	UG/L
	7435BLK		LB	2514687	Pyrene	1/14/2010	0.2	0.038	0.2	U	UG/L
	7435BLK		LB	2514700	Pyrene	1/14/2010	0.2	0.038	0.2	U	UG/L
	7456BLK		LB	2514717	1-Methylnaphthalene	1/19/2010	1	0.033	1	U	UG/L
	7456BLK		LB	2514737	1-Methylnaphthalene	1/19/2010	1	0.033	1	U	UG/L
	7456BLK		LB	2514717	2-Methylnaphthalene	1/19/2010	1	0.068	1	U	UG/L
	7456BLK		LB	2514737	2-Methylnaphthalene	1/19/2010	1	0.068	1	U	UG/L
	7456BLK		LB	2514737	Acenaphthene	1/19/2010	1	0.033	1	U	UG/L
	7456BLK		LB	2514717	Acenaphthene	1/19/2010	1	0.033	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	7456BLK	WATER	LB	2514737	Acenaphthylene	1/19/2010	1	0.028	1	U	UG/L
	7456BLK		LB	2514717	Acenaphthylene	1/19/2010	1	0.028	1	U	UG/L
	7456BLK		LB	2514737	Anthracene	1/19/2010	0.3	0.012	0.3	U	UG/L
	7456BLK		LB	2514717	Anthracene	1/19/2010	0.3	0.012	0.3	U	UG/L
	7456BLK		LB	2514717	Benzo (a) pyrene	1/19/2010	0.05	0.033	0.2	J	UG/L
	7456BLK		LB	2514737	Benzo (a) pyrene	1/19/2010	0.05	0.033	0.2	J	UG/L
	7456BLK		LB	2514737	Benzo (b) fluoranthene	1/19/2010	0.2	0.032	0.2	U	UG/L
	7456BLK		LB	2514717	Benzo (b) fluoranthene	1/19/2010	0.2	0.032	0.2	U	UG/L
	7456BLK		LB	2514717	Benzo (g,h,i) perylene	1/19/2010	0.069	0.029	0.2	J	UG/L
	7456BLK		LB	2514737	Benzo (g,h,i) perylene	1/19/2010	0.069	0.029	0.2	J	UG/L
	7456BLK		LB	2514717	Benzo(a)anthracene	1/19/2010	0.2	0.03	0.2	U	UG/L
	7456BLK		LB	2514737	Benzo(a)anthracene	1/19/2010	0.2	0.03	0.2	U	UG/L
	7456BLK		LB	2514737	Benzo(k)fluoranthene	1/19/2010	0.15	0.074	0.15	U	UG/L
	7456BLK		LB	2514717	Benzo(k)fluoranthene	1/19/2010	0.15	0.074	0.15	U	UG/L
	7456BLK		LB	2514717	Chrysene	1/19/2010	0.2	0.087	0.2	U	UG/L
	7456BLK		LB	2514737	Chrysene	1/19/2010	0.2	0.087	0.2	U	UG/L
	7456BLK		LB	2514717	Dibenzo (a,h) anthracene	1/19/2010	0.059	0.036	0.3	J	UG/L
	7456BLK		LB	2514737	Dibenzo (a,h) anthracene	1/19/2010	0.059	0.036	0.3	J	UG/L
	7456BLK		LB	2514737	Fluoranthene	1/19/2010	0.4	0.035	0.4	U	UG/L
	7456BLK		LB	2514717	Fluoranthene	1/19/2010	0.4	0.035	0.4	U	UG/L
	7456BLK		LB	2514737	Fluorene	1/19/2010	0.3	0.019	0.3	U	UG/L
	7456BLK		LB	2514717	Fluorene	1/19/2010	0.3	0.019	0.3	U	UG/L
	7456BLK		LB	2514717	Indeno(1,2,3-cd)pyrene	1/19/2010	0.067	0.02	0.2	J	UG/L
	7456BLK		LB	2514737	Indeno(1,2,3-cd)pyrene	1/19/2010	0.067	0.02	0.2	J	UG/L
	7456BLK		LB	2514737	Naphthalene	1/19/2010	1	0.042	1	U	UG/L
	7456BLK		LB	2514717	Naphthalene	1/19/2010	1	0.042	1	U	UG/L
	7456BLK		LB	2514717	Phenanthrene	1/19/2010	0.3	0.039	0.3	U	UG/L
	7456BLK		LB	2514737	Phenanthrene	1/19/2010	0.3	0.039	0.3	U	UG/L
	7456BLK		LB	2514737	Pyrene	1/19/2010	0.2	0.038	0.2	U	UG/L
	7456BLK		LB	2514717	Pyrene	1/19/2010	0.2	0.038	0.2	U	UG/L
	7468BLK		LB	2514717	1-Methylnaphthalene	1/21/2010	1	0.033	1	U	UG/L
	7468BLK		LB	2514801	1-Methylnaphthalene	1/21/2010	1	0.033	1	U	UG/L
	7468BLK		LB	2514777	1-Methylnaphthalene	1/21/2010	1	0.033	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	7468BLK	WATER	LB	2514777	2-Methylnaphthalene	1/21/2010	1	0.068	1	U	UG/L
	7468BLK		LB	2514717	2-Methylnaphthalene	1/21/2010	1	0.068	1	U	UG/L
	7468BLK		LB	2514801	2-Methylnaphthalene	1/21/2010	1	0.068	1	U	UG/L
	7468BLK		LB	2514717	Acenaphthene	1/21/2010	1	0.033	1	U	UG/L
	7468BLK		LB	2514777	Acenaphthene	1/21/2010	1	0.033	1	U	UG/L
	7468BLK		LB	2514801	Acenaphthene	1/21/2010	1	0.033	1	U	UG/L
	7468BLK		LB	2514717	Acenaphthylene	1/21/2010	1	0.028	1	U	UG/L
	7468BLK		LB	2514777	Acenaphthylene	1/21/2010	1	0.028	1	U	UG/L
	7468BLK		LB	2514801	Acenaphthylene	1/21/2010	1	0.028	1	U	UG/L
	7468BLK		LB	2514801	Anthracene	1/21/2010	0.3	0.012	0.3	U	UG/L
	7468BLK		LB	2514717	Anthracene	1/21/2010	0.3	0.012	0.3	U	UG/L
	7468BLK		LB	2514777	Anthracene	1/21/2010	0.3	0.012	0.3	U	UG/L
	7468BLK		LB	2514777	Benzo (a) pyrene	1/21/2010	0.036	0.033	0.2	J	UG/L
	7468BLK		LB	2514717	Benzo (a) pyrene	1/21/2010	0.036	0.033	0.2	J	UG/L
	7468BLK		LB	2514801	Benzo (a) pyrene	1/21/2010	0.036	0.033	0.2	J	UG/L
	7468BLK		LB	2514777	Benzo (b) fluoranthene	1/21/2010	0.2	0.032	0.2	U	UG/L
	7468BLK		LB	2514717	Benzo (b) fluoranthene	1/21/2010	0.2	0.032	0.2	U	UG/L
	7468BLK		LB	2514801	Benzo (b) fluoranthene	1/21/2010	0.2	0.032	0.2	U	UG/L
	7468BLK		LB	2514717	Benzo (g,h,i) perylene	1/21/2010	0.042	0.029	0.2	J	UG/L
	7468BLK		LB	2514801	Benzo (g,h,i) perylene	1/21/2010	0.042	0.029	0.2	J	UG/L
	7468BLK		LB	2514777	Benzo (g,h,i) perylene	1/21/2010	0.042	0.029	0.2	J	UG/L
	7468BLK		LB	2514717	Benzo(a)anthracene	1/21/2010	0.2	0.03	0.2	U	UG/L
	7468BLK		LB	2514777	Benzo(a)anthracene	1/21/2010	0.2	0.03	0.2	U	UG/L
	7468BLK		LB	2514801	Benzo(a)anthracene	1/21/2010	0.2	0.03	0.2	U	UG/L
	7468BLK		LB	2514777	Benzo(k)fluoranthene	1/21/2010	0.15	0.074	0.15	U	UG/L
	7468BLK		LB	2514717	Benzo(k)fluoranthene	1/21/2010	0.15	0.074	0.15	U	UG/L
	7468BLK		LB	2514801	Benzo(k)fluoranthene	1/21/2010	0.15	0.074	0.15	U	UG/L
	7468BLK		LB	2514717	Chrysene	1/21/2010	0.2	0.087	0.2	U	UG/L
	7468BLK		LB	2514801	Chrysene	1/21/2010	0.2	0.087	0.2	U	UG/L
	7468BLK		LB	2514777	Chrysene	1/21/2010	0.2	0.087	0.2	U	UG/L
	7468BLK		LB	2514777	Dibenzo (a,h) anthracene	1/21/2010	0.052	0.036	0.3	J	UG/L
	7468BLK		LB	2514717	Dibenzo (a,h) anthracene	1/21/2010	0.052	0.036	0.3	J	UG/L
	7468BLK		LB	2514801	Dibenzo (a,h) anthracene	1/21/2010	0.052	0.036	0.3	J	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	7468BLK	WATER	LB	2514717	Fluoranthene	1/21/2010	0.4	0.035	0.4	U	UG/L
	7468BLK		LB	2514777	Fluoranthene	1/21/2010	0.4	0.035	0.4	U	UG/L
	7468BLK		LB	2514801	Fluoranthene	1/21/2010	0.4	0.035	0.4	U	UG/L
	7468BLK		LB	2514777	Fluorene	1/21/2010	0.3	0.019	0.3	U	UG/L
	7468BLK		LB	2514717	Fluorene	1/21/2010	0.3	0.019	0.3	U	UG/L
	7468BLK		LB	2514801	Fluorene	1/21/2010	0.3	0.019	0.3	U	UG/L
	7468BLK		LB	2514777	Indeno(1,2,3-cd)pyrene	1/21/2010	0.064	0.02	0.2	J	UG/L
	7468BLK		LB	2514717	Indeno(1,2,3-cd)pyrene	1/21/2010	0.064	0.02	0.2	J	UG/L
	7468BLK		LB	2514801	Indeno(1,2,3-cd)pyrene	1/21/2010	0.064	0.02	0.2	J	UG/L
	7468BLK		LB	2514777	Naphthalene	1/21/2010	1	0.042	1	U	UG/L
	7468BLK		LB	2514717	Naphthalene	1/21/2010	1	0.042	1	U	UG/L
	7468BLK		LB	2514801	Naphthalene	1/21/2010	1	0.042	1	U	UG/L
	7468BLK		LB	2514777	Phenanthrene	1/21/2010	0.3	0.039	0.3	U	UG/L
	7468BLK		LB	2514717	Phenanthrene	1/21/2010	0.3	0.039	0.3	U	UG/L
	7468BLK		LB	2514801	Phenanthrene	1/21/2010	0.3	0.039	0.3	U	UG/L
	7468BLK		LB	2514801	Pyrene	1/21/2010	0.2	0.038	0.2	U	UG/L
	7468BLK		LB	2514777	Pyrene	1/21/2010	0.2	0.038	0.2	U	UG/L
	7468BLK		LB	2514717	Pyrene	1/21/2010	0.2	0.038	0.2	U	UG/L
	7550BLK		LB	2514878	1-Methylnaphthalene	2/2/2010	1	0.033	1	U	UG/L
	7550BLK		LB	2514878	2-Methylnaphthalene	2/2/2010	1	0.068	1	R	UG/L
	7550BLK		LB	2514878	Acenaphthene	2/2/2010	1	0.033	1	R	UG/L
	7550BLK		LB	2514878	Acenaphthylene	2/2/2010	0.18	0.028	1	J	UG/L
	7550BLK		LB	2514878	Anthracene	2/2/2010	0.3	0.012	0.3	R	UG/L
	7550BLK		LB	2514878	Benzo (a) pyrene	2/2/2010	0.2	0.033	0.2	U	UG/L
	7550BLK		LB	2514878	Benzo (b) fluoranthene	2/2/2010	0.2	0.032	0.2	R	UG/L
	7550BLK		LB	2514878	Benzo (g,h,i) perylene	2/2/2010	0.2	0.029	0.2	R	UG/L
	7550BLK		LB	2514878	Benzo(a)anthracene	2/2/2010	0.2	0.03	0.2	R	UG/L
	7550BLK		LB	2514878	Benzo(k)fluoranthene	2/2/2010	0.15	0.074	0.15	R	UG/L
	7550BLK		LB	2514878	Chrysene	2/2/2010	0.2	0.087	0.2	R	UG/L
	7550BLK		LB	2514878	Dibenzo (a,h) anthracene	2/2/2010	0.3	0.036	0.3	R	UG/L
	7550BLK		LB	2514878	Fluoranthene	2/2/2010	0.4	0.035	0.4	R	UG/L
	7550BLK		LB	2514878	Fluorene	2/2/2010	0.3	0.019	0.3	R	UG/L
	7550BLK		LB	2514878	Indeno(1,2,3-cd)pyrene	2/2/2010	0.2	0.02	0.2	R	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	7550BLK	WATER	LB	2514878	Naphthalene	2/2/2010	1	0.042	1	U	UG/L
	7550BLK		LB	2514878	Phenanthrene	2/2/2010	0.3	0.039	0.3	R	UG/L
	7550BLK		LB	2514878	Pyrene	2/2/2010	0.2	0.038	0.2	R	UG/L
	7553BLK		LB	2514878	1-Methylnaphthalene	2/4/2010	1	0.033	1	U	UG/L
	7553BLK		LB	2514888	1-Methylnaphthalene	2/4/2010	1	0.033	1	U	UG/L
	7553BLK		LB	2514878	2-Methylnaphthalene	2/4/2010	1	0.068	1	U	UG/L
	7553BLK		LB	2514888	2-Methylnaphthalene	2/4/2010	1	0.068	1	U	UG/L
	7553BLK		LB	2514878	Acenaphthene	2/4/2010	1	0.033	1	U	UG/L
	7553BLK		LB	2514888	Acenaphthene	2/4/2010	1	0.033	1	U	UG/L
	7553BLK		LB	2514878	Acenaphthylene	2/4/2010	1	0.028	1	U	UG/L
	7553BLK		LB	2514888	Acenaphthylene	2/4/2010	1	0.028	1	U	UG/L
	7553BLK		LB	2514878	Anthracene	2/4/2010	0.3	0.012	0.3	U	UG/L
	7553BLK		LB	2514888	Anthracene	2/4/2010	0.3	0.012	0.3	U	UG/L
	7553BLK		LB	2514878	Benzo (a) pyrene	2/4/2010	0.2	0.033	0.2	U	UG/L
	7553BLK		LB	2514888	Benzo (a) pyrene	2/4/2010	0.2	0.033	0.2	U	UG/L
	7553BLK		LB	2514878	Benzo (b) fluoranthene	2/4/2010	0.2	0.032	0.2	U	UG/L
	7553BLK		LB	2514888	Benzo (b) fluoranthene	2/4/2010	0.2	0.032	0.2	U	UG/L
	7553BLK		LB	2514878	Benzo (g,h,i) perylene	2/4/2010	0.2	0.029	0.2	U	UG/L
	7553BLK		LB	2514888	Benzo (g,h,i) perylene	2/4/2010	0.2	0.029	0.2	U	UG/L
	7553BLK		LB	2514878	Benzo(a)anthracene	2/4/2010	0.2	0.03	0.2	U	UG/L
	7553BLK		LB	2514888	Benzo(a)anthracene	2/4/2010	0.2	0.03	0.2	U	UG/L
	7553BLK		LB	2514878	Benzo(k)fluoranthene	2/4/2010	0.15	0.074	0.15	U	UG/L
	7553BLK		LB	2514888	Benzo(k)fluoranthene	2/4/2010	0.15	0.074	0.15	U	UG/L
	7553BLK		LB	2514878	Chrysene	2/4/2010	0.2	0.087	0.2	U	UG/L
	7553BLK		LB	2514888	Chrysene	2/4/2010	0.2	0.087	0.2	U	UG/L
	7553BLK		LB	2514878	Dibenzo (a,h) anthracene	2/4/2010	0.3	0.036	0.3	U	UG/L
	7553BLK		LB	2514888	Dibenzo (a,h) anthracene	2/4/2010	0.3	0.036	0.3	U	UG/L
	7553BLK		LB	2514878	Fluoranthene	2/4/2010	0.4	0.035	0.4	U	UG/L
	7553BLK		LB	2514888	Fluoranthene	2/4/2010	0.4	0.035	0.4	U	UG/L
	7553BLK		LB	2514878	Fluorene	2/4/2010	0.3	0.019	0.3	U	UG/L
	7553BLK		LB	2514888	Fluorene	2/4/2010	0.3	0.019	0.3	U	UG/L
	7553BLK		LB	2514878	Indeno(1,2,3-cd)pyrene	2/4/2010	0.04	0.02	0.2	J	UG/L
	7553BLK		LB	2514888	Indeno(1,2,3-cd)pyrene	2/4/2010	0.04	0.02	0.2	F	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	7553BLK	WATER	LB	2514878	Naphthalene	2/4/2010	1	0.042	1	U	UG/L
	7553BLK		LB	2514888	Naphthalene	2/4/2010	1	0.042	1	U	UG/L
	7553BLK		LB	2514878	Phenanthrene	2/4/2010	0.3	0.039	0.3	U	UG/L
	7553BLK		LB	2514888	Phenanthrene	2/4/2010	0.3	0.039	0.3	U	UG/L
	7553BLK		LB	2514878	Pyrene	2/4/2010	0.2	0.038	0.2	U	UG/L
	7553BLK		LB	2514888	Pyrene	2/4/2010	0.2	0.038	0.2	U	UG/L
	993MB		LB	2513827	1-Methylnaphthalene	10/15/2009	1	0.033	1	U	UG/L
	993MB		LB	2513819	1-Methylnaphthalene	10/15/2009	1	0.033	1	U	UG/L
	993MB		LB	2513818	1-Methylnaphthalene	10/15/2009	1	0.033	1	U	UG/L
	993MB		LB	2513832	1-Methylnaphthalene	10/15/2009	1	0.033	1	U	UG/L
	993MB		LB	2513818	2-Methylnaphthalene	10/15/2009	1	0.068	1	U	UG/L
	993MB		LB	2513819	2-Methylnaphthalene	10/15/2009	1	0.068	1	U	UG/L
	993MB		LB	2513832	2-Methylnaphthalene	10/15/2009	1	0.068	1	U	UG/L
	993MB		LB	2513827	2-Methylnaphthalene	10/15/2009	1	0.068	1	U	UG/L
	993MB		LB	2513818	Acenaphthene	10/15/2009	1	0.033	1	U	UG/L
	993MB		LB	2513819	Acenaphthene	10/15/2009	1	0.033	1	U	UG/L
	993MB		LB	2513827	Acenaphthene	10/15/2009	1	0.033	1	U	UG/L
	993MB		LB	2513832	Acenaphthene	10/15/2009	1	0.033	1	U	UG/L
	993MB		LB	2513827	Acenaphthylene	10/15/2009	1	0.028	1	U	UG/L
	993MB		LB	2513819	Acenaphthylene	10/15/2009	1	0.028	1	U	UG/L
	993MB		LB	2513832	Acenaphthylene	10/15/2009	1	0.028	1	U	UG/L
	993MB		LB	2513818	Acenaphthylene	10/15/2009	1	0.028	1	U	UG/L
	993MB		LB	2513819	Anthracene	10/15/2009	0.3	0.012	0.3	U	UG/L
	993MB		LB	2513827	Anthracene	10/15/2009	0.3	0.012	0.3	U	UG/L
	993MB		LB	2513832	Anthracene	10/15/2009	0.3	0.012	0.3	U	UG/L
	993MB		LB	2513818	Anthracene	10/15/2009	0.3	0.012	0.3	U	UG/L
	993MB		LB	2513818	Benzo (a) pyrene	10/15/2009	0.2	0.033	0.2	U	UG/L
	993MB		LB	2513827	Benzo (a) pyrene	10/15/2009	0.2	0.033	0.2	U	UG/L
	993MB		LB	2513832	Benzo (a) pyrene	10/15/2009	0.2	0.033	0.2	U	UG/L
	993MB		LB	2513819	Benzo (a) pyrene	10/15/2009	0.2	0.033	0.2	U	UG/L
	993MB		LB	2513827	Benzo (b) fluoranthene	10/15/2009	0.2	0.032	0.2	U	UG/L
	993MB		LB	2513818	Benzo (b) fluoranthene	10/15/2009	0.2	0.032	0.2	U	UG/L
	993MB		LB	2513832	Benzo (b) fluoranthene	10/15/2009	0.2	0.032	0.2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	993MB	WATER	LB	2513819	Benzo (b) fluoranthene	10/15/2009	0.2	0.032	0.2	U	UG/L
	993MB		LB	2513832	Benzo (g,h,i) perylene	10/15/2009	0.2	0.029	0.2	U	UG/L
	993MB		LB	2513819	Benzo (g,h,i) perylene	10/15/2009	0.2	0.029	0.2	U	UG/L
	993MB		LB	2513827	Benzo (g,h,i) perylene	10/15/2009	0.2	0.029	0.2	U	UG/L
	993MB		LB	2513818	Benzo (g,h,i) perylene	10/15/2009	0.2	0.029	0.2	U	UG/L
	993MB		LB	2513827	Benzo(a)anthracene	10/15/2009	0.2	0.03	0.2	U	UG/L
	993MB		LB	2513832	Benzo(a)anthracene	10/15/2009	0.2	0.03	0.2	U	UG/L
	993MB		LB	2513819	Benzo(a)anthracene	10/15/2009	0.2	0.03	0.2	U	UG/L
	993MB		LB	2513818	Benzo(a)anthracene	10/15/2009	0.2	0.03	0.2	U	UG/L
	993MB		LB	2513827	Benzo(k)fluoranthene	10/15/2009	0.15	0.074	0.15	U	UG/L
	993MB		LB	2513832	Benzo(k)fluoranthene	10/15/2009	0.15	0.074	0.15	U	UG/L
	993MB		LB	2513818	Benzo(k)fluoranthene	10/15/2009	0.15	0.074	0.15	U	UG/L
	993MB		LB	2513819	Benzo(k)fluoranthene	10/15/2009	0.15	0.074	0.15	U	UG/L
	993MB		LB	2513819	Chrysene	10/15/2009	0.2	0.087	0.2	U	UG/L
	993MB		LB	2513818	Chrysene	10/15/2009	0.2	0.087	0.2	U	UG/L
	993MB		LB	2513832	Chrysene	10/15/2009	0.2	0.087	0.2	U	UG/L
	993MB		LB	2513827	Chrysene	10/15/2009	0.2	0.087	0.2	U	UG/L
	993MB		LB	2513827	Dibenzo (a,h) anthracene	10/15/2009	0.3	0.036	0.3	U	UG/L
	993MB		LB	2513818	Dibenzo (a,h) anthracene	10/15/2009	0.3	0.036	0.3	U	UG/L
	993MB		LB	2513832	Dibenzo (a,h) anthracene	10/15/2009	0.3	0.036	0.3	U	UG/L
	993MB		LB	2513819	Dibenzo (a,h) anthracene	10/15/2009	0.3	0.036	0.3	U	UG/L
	993MB		LB	2513832	Fluoranthene	10/15/2009	0.4	0.035	0.4	U	UG/L
	993MB		LB	2513819	Fluoranthene	10/15/2009	0.4	0.035	0.4	U	UG/L
	993MB		LB	2513818	Fluoranthene	10/15/2009	0.4	0.035	0.4	U	UG/L
	993MB		LB	2513827	Fluoranthene	10/15/2009	0.4	0.035	0.4	U	UG/L
	993MB		LB	2513818	Fluorene	10/15/2009	0.3	0.019	0.3	U	UG/L
	993MB		LB	2513819	Fluorene	10/15/2009	0.3	0.019	0.3	U	UG/L
	993MB		LB	2513832	Fluorene	10/15/2009	0.3	0.019	0.3	U	UG/L
	993MB		LB	2513827	Fluorene	10/15/2009	0.3	0.019	0.3	U	UG/L
	993MB		LB	2513819	Indeno(1,2,3-cd)pyrene	10/15/2009	0.2	0.02	0.2	U	UG/L
	993MB		LB	2513827	Indeno(1,2,3-cd)pyrene	10/15/2009	0.2	0.02	0.2	U	UG/L
	993MB		LB	2513818	Indeno(1,2,3-cd)pyrene	10/15/2009	0.2	0.02	0.2	U	UG/L
	993MB		LB	2513832	Indeno(1,2,3-cd)pyrene	10/15/2009	0.2	0.02	0.2	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	993MB	WATER	LB	2513832	Naphthalene	10/15/2009	1	0.042	1	U	UG/L
	993MB		LB	2513827	Naphthalene	10/15/2009	1	0.042	1	U	UG/L
	993MB		LB	2513818	Naphthalene	10/15/2009	1	0.042	1	U	UG/L
	993MB		LB	2513819	Naphthalene	10/15/2009	1	0.042	1	U	UG/L
	993MB		LB	2513832	Phenanthrene	10/15/2009	0.3	0.039	0.3	U	UG/L
	993MB		LB	2513818	Phenanthrene	10/15/2009	0.3	0.039	0.3	U	UG/L
	993MB		LB	2513819	Phenanthrene	10/15/2009	0.3	0.039	0.3	U	UG/L
	993MB		LB	2513827	Phenanthrene	10/15/2009	0.3	0.039	0.3	U	UG/L
	993MB		LB	2513827	Pyrene	10/15/2009	0.2	0.038	0.2	U	UG/L
	993MB		LB	2513818	Pyrene	10/15/2009	0.2	0.038	0.2	U	UG/L
	993MB		LB	2513832	Pyrene	10/15/2009	0.2	0.038	0.2	U	UG/L
	993MB		LB	2513819	Pyrene	10/15/2009	0.2	0.038	0.2	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	1-Methylnaphthalene	10/21/2009	1.1	0.037	1.1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	2-Methylnaphthalene	10/21/2009	1.1	0.076	1.1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Acenaphthene	10/21/2009	1.1	0.037	1.1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Acenaphthylene	10/21/2009	1.1	0.031	1.1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Anthracene	10/21/2009	0.34	0.013	0.34	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzo (a) pyrene	10/21/2009	0.22	0.037	0.22	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzo (b) fluoranthene	10/21/2009	0.22	0.036	0.22	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzo (g,h,i) perylene	10/21/2009	0.22	0.032	0.22	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzo(a)anthracene	10/21/2009	0.22	0.034	0.22	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Benzo(k)fluoranthene	10/21/2009	0.17	0.083	0.17	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Chrysene	10/21/2009	0.22	0.098	0.22	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Dibenzo (a,h) anthracene	10/21/2009	0.34	0.04	0.34	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Fluoranthene	10/21/2009	0.45	0.039	0.45	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Fluorene	10/21/2009	0.34	0.021	0.34	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Indeno(1,2,3-cd)pyrene	10/21/2009	0.22	0.022	0.22	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Naphthalene	10/21/2009	1.1	0.047	1.1	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Phenanthrene	10/21/2009	0.34	0.044	0.34	U	UG/L
	ST106-EB-TO313-19102009		EB	2513925	Pyrene	10/21/2009	0.22	0.043	0.22	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	1-Methylnaphthalene	1/27/2010	1	0.034	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	2-Methylnaphthalene	1/27/2010	1	0.071	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Acenaphthene	1/27/2010	1	0.034	1	U	UG/L

Table B-6. Summary of Equipment, Trip, and Method Blank Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
SW8310											
	ST106-EB-TO96-20012010	WATER	EB	2514809	Acenaphthylene	1/27/2010	0.058	0.029	1	J	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Anthracene	1/27/2010	0.021	0.012	0.31	J	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo (a) pyrene	1/27/2010	0.21	0.034	0.21	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo (b) fluoranthene	1/27/2010	0.21	0.033	0.21	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo (g,h,i) perylene	1/27/2010	0.21	0.03	0.21	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo(a)anthracene	1/27/2010	0.21	0.031	0.21	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Benzo(k)fluoranthene	1/27/2010	0.15	0.077	0.15	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Chrysene	1/27/2010	0.21	0.091	0.21	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Dibenzo (a,h) anthracene	1/27/2010	0.31	0.038	0.31	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Fluoranthene	1/27/2010	0.42	0.036	0.42	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Fluorene	1/27/2010	0.31	0.02	0.31	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Indeno(1,2,3-cd)pyrene	1/27/2010	0.026	0.021	0.21	J	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Naphthalene	1/27/2010	1	0.044	1	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Phenanthrene	1/27/2010	0.31	0.041	0.31	U	UG/L
	ST106-EB-TO96-20012010		EB	2514809	Pyrene	1/27/2010	0.21	0.04	0.21	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 B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
E300							
	011410LCS	WATER	2514700	Sulfate	101.2	75	125
	011410LCSD		2514700	Sulfate	100	75	125
	011710LCS1		2514687	Sulfate	96.2	75	125
	011710LCS1		2514717	Sulfate	96.2	75	125
	011710LCSD1		2514687	Sulfate	96.2	75	125
	011710LCSD1		2514717	Sulfate	96.2	75	125
	011910LCS1		2514700	Sulfate	98.8	75	125
	011910LCS1		2514737	Sulfate	98.8	75	125
	011910LCS1		2514777	Sulfate	98.8	75	125
	011910LCSD1		2514777	Sulfate	98.8	75	125
	011910LCSD1		2514737	Sulfate	98.8	75	125
	011910LCSD1		2514700	Sulfate	98.8	75	125
	012110LCS2		2514801	Sulfate	97.5	75	125
	012110LCS2		2514809	Sulfate	97.5	75	125
	012110LCS3		2514823	Sulfate	96.2	75	125
	012110LCSD2		2514801	Sulfate	97.5	75	125
	012110LCSD2		2514809	Sulfate	97.5	75	125
	012110LCSD3		2514823	Sulfate	98.8	75	125
	012810LCS1		2514835	Sulfate	107.5	75	125
	012810LCS1		2514809	Sulfate	107.5	75	125
	012810LCSD1		2514835	Sulfate	103.8	75	125
	012810LCSD1		2514809	Sulfate	103.8	75	125
	012910LCS		2514888	Sulfate	95	75	125
	012910LCS		2514863	Sulfate	95	75	125
	012910LCS		2514878	Sulfate	95	75	125
	012910LCSD		2514888	Sulfate	96.2	75	125
	012910LCSD		2514878	Sulfate	96.2	75	125
	012910LCSD		2514863	Sulfate	96.2	75	125
	100909LCS		2513819	Nitrate	96	90	110
	100909LCS		2513818	Nitrate	96	90	110
	100909LCS		2513818	Sulfate	103.8	75	125
	100909LCS		2513819	Sulfate	103.8	75	125
	100909LCSD		2513819	Nitrate	98	90	110
	100909LCSD		2513818	Nitrate	98	90	110
	100909LCSD		2513818	Sulfate	105	75	125
	100909LCSD		2513819	Sulfate	105	75	125
	101009LCS		2513827	Nitrate	100	90	110
	101009LCS		2513827	Sulfate	110	75	125
	101009LCSD		2513827	Nitrate	100	90	110
	101009LCSD		2513827	Sulfate	105	75	125
	101309LCS		2513832	Nitrate	100	90	110
	101309LCS		2513832	Sulfate	96.2	75	125

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
E300							
	101309LCSD	WATER	2513832	Nitrate	98	90	110
	101309LCSD		2513832	Sulfate	95	75	125
	101609LCS		2513858	Nitrate	100	90	110
	101609LCS		2513871	Nitrate	100	90	110
	101609LCS		2513871	Sulfate	111.2	75	125
	101609LCS		2513858	Sulfate	111.2	75	125
	101609LCS2		2513891	Nitrate	110	90	110
	101609LCS2		2513891	Sulfate	105	75	125
	101609LCSD		2513871	Nitrate	110	90	110
	101609LCSD		2513858	Nitrate	110	90	110
	101609LCSD		2513871	Sulfate	112.5	75	125
	101609LCSD		2513858	Sulfate	112.5	75	125
	101609LCSD2		2513891	Nitrate	110	90	110
	101609LCSD2		2513891	Sulfate	105	75	125
	102509LCS1		2513902	Nitrate	95	90	110
	102509LCS1		2513902	Sulfate	101.2	75	125
	102509LCS2		2513871	Nitrate	95	90	110
	102509LCS2		2513858	Nitrate	95	90	110
	102509LCS2		2513858	Sulfate	106.2	75	125
	102509LCS2		2513871	Sulfate	106.2	75	125
	102509LCSD		2513902	Nitrate	98	90	110
	102509LCSD		2513902	Sulfate	102.5	75	125
	102509LCSD2		2513871	Nitrate	93	90	110
	102509LCSD2		2513858	Nitrate	93	90	110
	102509LCSD2		2513871	Sulfate	100	75	125
	102509LCSD2		2513858	Sulfate	100	75	125
	102709LCS		2513891	Nitrate	97	90	110
	102709LCS		2513891	Sulfate	98.8	75	125
	102709LCSD		2513891	Nitrate	100	90	110
	102709LCSD		2513891	Sulfate	100	75	125
	9101508-SRM2		2513922	**Nitrate**	**49**	**90**	**110**
	9101508-SRM2		2513925	**Nitrate**	**49**	**90**	**110**
	9101508-SRM4		2513922	**Nitrate**	**47**	**90**	**110**
	9101667-SRM1		2513927	Sulfate	95	75	125
	9101961-SRM1		2513927	Nitrate	92	90	110
	9101961-SRM1		2513925	Sulfate	94	75	125
	9101961-SRM1		2513922	Sulfate	94	75	125
	9101961-SRM2		2513922	Sulfate	94	75	125
E310.1							
	39584	WATER	2514717	Alkalinity, Total	99	75	125
	39585		2514717	Alkalinity, Total	92	75	125
	40346		2514687	Alkalinity, Total	98	75	125

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
E310.1							
	40347	WATER	2514687	Alkalinity, Total	98	75	125
	40782		2514737	Alkalinity, Total	94	75	125
	40782		2514700	Alkalinity, Total	94	75	125
	40783		2514737	Alkalinity, Total	95	75	125
	40783		2514700	Alkalinity, Total	95	75	125
	44705		2514863	Alkalinity, Bicarbonate	98	75	125
	44705		2514801	Alkalinity, Total	98	75	125
	44705		2514863	Alkalinity, Total	98	75	125
	44705		2514809	Alkalinity, Total	98	75	125
	44705		2514823	Alkalinity, Total	98	75	125
	44705		2514777	Alkalinity, Total	98	75	125
	44705		2514835	Alkalinity, Total	98	75	125
	44706		2514863	Alkalinity, Bicarbonate	97	75	125
	44706		2514863	Alkalinity, Total	97	75	125
	44706		2514801	Alkalinity, Total	97	75	125
	44706		2514835	Alkalinity, Total	97	75	125
	44706		2514823	Alkalinity, Total	97	75	125
	44706		2514777	Alkalinity, Total	97	75	125
	44706		2514809	Alkalinity, Total	97	75	125
	46093		2514878	Alkalinity, Total	97	75	125
	46094		2514878	Alkalinity, Total	98	75	125
E353.2							
	22020LCS	WATER	2514687	nitrate	98.6	90	110
	22021LCSD		2514687	nitrate	94.5	90	110
	22212LCS		2514700	nitrate	102	90	110
	22213LCSD		2514700	nitrate	102	90	110
	22255LCS		2514717	nitrate	104	90	110
	22256LCSD		2514717	nitrate	106	90	110
	22430LCS		2514801	nitrate	109	90	110
	22431LCSD		2514801	nitrate	109	90	110
	22575LCS		2514737	nitrate	106	90	110
	22576LCSD		2514737	nitrate	106	90	110
	22623LCS		2514777	nitrate	108	90	110
	22624LCSD		2514777	nitrate	108	90	110
	22982LCS		2514809	nitrate	103	90	110
	23186LCS		2514863	nitrate	99.8	90	110
	23187LCSD		2514863	nitrate	93.2	90	110
	23218LCS		2514888	nitrate	100	90	110
	23219LCSD		2514888	nitrate	97.8	90	110
	23318LCS		2514823	nitrate	103	90	110
	23319LCSD		2514823	nitrate	103	90	110
	23363LCS		2514835	nitrate	102	90	110

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
E353.2							
	23364LCSD	WATER	2514835	nitrate	102	90	110
	23492LCS		2514878	nitrate	107	90	110
	23493LCSD		2514878	nitrate	106	90	110
	9101631-BS1		2513925	nitrate	100	90	110
	9101631-SRM1		2513925	nitrate	100	90	110
SW6010B							
	293149	WATER	2513819	Iron	96	75	125
	293149		2513818	Iron	96	75	125
	293149		2513827	Iron	96	75	125
	293149		2513827	Manganese	98.4	75	125
	293149		2513818	Manganese	98.4	75	125
	293149		2513819	Manganese	98.4	75	125
	293150		2513819	Iron	92.6	75	125
	293150		2513827	Iron	92.6	75	125
	293150		2513818	Iron	92.6	75	125
	293150		2513827	Manganese	95.4	75	125
	293150		2513819	Manganese	95.4	75	125
	293150		2513818	Manganese	95.4	75	125
	293258		2513858	Iron	96.4	75	125
	293258		2513858	Manganese	99.8	75	125
	293259		2513858	Iron	94.6	75	125
	293259		2513858	Manganese	97.4	75	125
	293374		2513891	Iron	94	75	125
	293374		2513891	Manganese	96.2	75	125
	293375		2513891	Iron	97.8	75	125
	293375		2513891	Manganese	101.2	75	125
	293518		2513871	Iron	98	75	125
	293518		2513832	Iron	98	75	125
	293518		2513871	Manganese	106.2	75	125
	293518		2513832	Manganese	106.2	75	125
	293519		2513871	Iron	99	75	125
	293519		2513832	Iron	99	75	125
	293519		2513832	Manganese	106.8	75	125
	293519		2513871	Manganese	106.8	75	125
	293653		2513902	Iron	93.4	75	125
	293653		2513902	Manganese	101.8	75	125
	293654		2513902	Iron	91	75	125
	293654		2513902	Manganese	99.8	75	125
	293656		2513922	Iron	91	75	125
	293656		2513925	Iron	91	75	125
	293656		2513925	Manganese	100.2	75	125
	293656		2513922	Manganese	100.2	75	125

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW6010B							
	293657	WATER	2513922	Iron	93	75	125
	293657		2513925	Iron	93	75	125
	293657		2513925	Manganese	101.6	75	125
	293657		2513922	Manganese	101.6	75	125
	293804		2513927	Iron	103.2	75	125
	293804		2513927	Manganese	108	75	125
	293805		2513927	Iron	101.6	75	125
	293805		2513927	Manganese	105.4	75	125
	297803		2514687	Iron	95	75	125
	297803		2514687	Manganese	95.6	75	125
	297804		2514687	Iron	94.6	75	125
	297804		2514687	Manganese	96.6	75	125
	297923		2514700	Iron	98	75	125
	297923		2514700	Manganese	93	75	125
	297924		2514700	Iron	98	75	125
	297924		2514700	Manganese	93.4	75	125
	298052		2514717	Iron	96.6	75	125
	298052		2514737	Iron	96.6	75	125
	298052		2514737	Manganese	99	75	125
	298052		2514717	Manganese	99	75	125
	298053		2514737	Iron	96.2	75	125
	298053		2514717	Iron	96.2	75	125
	298053		2514737	Manganese	97.2	75	125
	298053		2514717	Manganese	97.2	75	125
	298435		2514835	Iron	95.2	75	125
	298435		2514835	Manganese	96.4	75	125
	298436		2514835	Iron	95.8	75	125
	298436		2514835	Manganese	95.8	75	125
	298580		2514809	Iron	96.8	75	125
	298580		2514777	Iron	96.8	75	125
	298580		2514801	Iron	96.8	75	125
	298580		2514801	Manganese	98.2	75	125
	298580		2514777	Manganese	98.2	75	125
	298580		2514809	Manganese	98.2	75	125
	298581		2514809	Iron	97.6	75	125
	298581		2514801	Iron	97.6	75	125
	298581		2514777	Iron	97.6	75	125
	298581		2514801	Manganese	97.6	75	125
	298581		2514777	Manganese	97.6	75	125
	298581		2514809	Manganese	97.6	75	125
	298725		2514863	Iron	95.4	75	125
	298725		2514863	Manganese	96.8	75	125

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW6010B							
	298726	WATER	2514863	Iron	95.8	75	125
	298726		2514863	Manganese	98.4	75	125
	298728		2514878	Iron	95.6	75	125
	298728		2514823	Iron	95.6	75	125
	298728		2514823	Manganese	98	75	125
	298728		2514878	Manganese	98	75	125
	298729		2514878	Iron	95.6	75	125
	298729		2514823	Iron	95.6	75	125
	298729		2514878	Manganese	98.8	75	125
	298729		2514823	Manganese	98.8	75	125
	298775		2514888	Iron	93.6	75	125
	298775		2514888	Manganese	97.8	75	125
	298776		2514888	Iron	93.8	75	125
	298776		2514888	Manganese	98.8	75	125
SW8011							
	293126	WATER	2513819	1,2-Dibromoethane	117	60	140
	293126		2513818	1,2-Dibromoethane	117	60	140
	293126		2513827	1,2-Dibromoethane	117	60	140
	293126		2513832	1,2-Dibromoethane	117	60	140
	293127		2513818	1,2-Dibromoethane	117	60	140
	293127		2513827	1,2-Dibromoethane	117	60	140
	293127		2513819	1,2-Dibromoethane	117	60	140
	293127		2513832	1,2-Dibromoethane	117	60	140
	293131		2513858	1,2-Dibromoethane	108	60	140
	293132		2513858	1,2-Dibromoethane	117	60	140
	293769		2513902	1,2-Dibromoethane	117	60	140
	293769		2513891	1,2-Dibromoethane	117	60	140
	293769		2513871	1,2-Dibromoethane	117	60	140
	293769		2513925	1,2-Dibromoethane	117	60	140
	293769		2513927	1,2-Dibromoethane	117	60	140
	293769		2513922	1,2-Dibromoethane	117	60	140
	293770		2513925	1,2-Dibromoethane	117	60	140
	293770		2513891	1,2-Dibromoethane	117	60	140
	293770		2513902	1,2-Dibromoethane	117	60	140
	293770		2513922	1,2-Dibromoethane	117	60	140
	293770		2513871	1,2-Dibromoethane	117	60	140
	293770		2513927	1,2-Dibromoethane	117	60	140
	296793		2514463	1,2-Dibromoethane	100	60	140
	296794		2514463	1,2-Dibromoethane	108	60	140
	297987		2514687	1,2-Dibromoethane	100	60	140
	297987		2514737	1,2-Dibromoethane	100	60	140
	297987		2514717	1,2-Dibromoethane	100	60	140

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8011							
	297987	WATER	2514700	1,2-Dibromoethane	100	60	140
	297988		2514687	1,2-Dibromoethane	117	60	140
	297988		2514737	1,2-Dibromoethane	117	60	140
	297988		2514717	1,2-Dibromoethane	117	60	140
	297988		2514700	1,2-Dibromoethane	117	60	140
	298398		2514777	1,2-Dibromoethane	117	60	140
	298398		2514801	1,2-Dibromoethane	117	60	140
	298399		2514801	1,2-Dibromoethane	125	60	140
	298399		2514777	1,2-Dibromoethane	125	60	140
	298406		2514809	1,2-Dibromoethane	125	60	140
	298407		2514809	1,2-Dibromoethane	117	60	140
	298410		2514835	1,2-Dibromoethane	100	60	140
	298410		2514824	1,2-Dibromoethane	117	60	140
	298410		2514823	1,2-Dibromoethane	100	60	140
	298411		2514835	1,2-Dibromoethane	108	60	140
	298411		2514823	1,2-Dibromoethane	108	60	140
	298411		2514824	1,2-Dibromoethane	117	60	140
	298817		2514863	1,2-Dibromoethane	108	60	140
	298817		2514859	1,2-Dibromoethane	108	60	140
	298817		2514878	1,2-Dibromoethane	108	60	140
	298818		2514859	1,2-Dibromoethane	108	60	140
	298818		2514863	1,2-Dibromoethane	108	60	140
	298818		2514878	1,2-Dibromoethane	108	60	140
	298829		2514890	1,2-Dibromoethane	108	60	140
	298829		2514888	1,2-Dibromoethane	108	60	140
	298830		2514890	1,2-Dibromoethane	100	60	140
	298830		2514888	1,2-Dibromoethane	100	60	140
SW8015-E							
	293083	WATER	2513832	TPH C10-C28	81	50	104
	293083		2513827	TPH C10-C28	81	50	104
	293083		2513818	TPH C10-C28	81	50	104
	293083		2513819	TPH C10-C28	81	50	104
	293084		2513827	TPH C10-C28	88	50	104
	293084		2513819	TPH C10-C28	88	50	104
	293084		2513832	TPH C10-C28	88	50	104
	293084		2513818	TPH C10-C28	88	50	104
	293573		2513858	TPH C10-C28	94	50	104
	293573		2513891	TPH C10-C28	94	50	104
	293573		2513871	TPH C10-C28	94	50	104
	293573		2513902	TPH C10-C28	94	50	104
	293692		2513922	TPH C10-C28	76	50	104
	293692		2513925	TPH C10-C28	76	50	104

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8015-E							
	293692	WATER	2513927	TPH C10-C28	76	50	104
	293693		2513927	TPH C10-C28	84	50	104
	293693		2513925	TPH C10-C28	84	50	104
	293693		2513922	TPH C10-C28	84	50	104
	293868		2513925	TPH C10-C28	76	50	104
	293869		2513925	TPH C10-C28	84	50	104
	296695		2514463	TPH C10-C28	83	50	104
	297089		2514463	TPH C10-C28	57	50	104
	297090		2514463	TPH C10-C28	82	50	104
	298049		2514737	TPH C10-C28	96	50	104
	298050		2514737	TPH C10-C28	99	50	104
	298077		2514687	TPH C10-C28	83	50	104
	298077		2514700	TPH C10-C28	83	50	104
	298077		2514717	TPH C10-C28	83	50	104
	298078		2514687	TPH C10-C28	92	50	104
	298078		2514700	TPH C10-C28	92	50	104
	298078		2514717	TPH C10-C28	92	50	104
	298206		2514777	TPH C10-C28	92	50	104
	298206		2514801	TPH C10-C28	93	50	104
	298207		2514801	TPH C10-C28	100	50	104
	298207		2514777	TPH C10-C28	100	50	104
	298556		2514823	TPH C10-C28	84	50	104
	298556		2514835	TPH C10-C28	84	50	104
	298556		2514809	TPH C10-C28	84	50	104
	298760		2514888	TPH C10-C28	100	50	104
	298760		2514878	TPH C10-C28	100	50	104
	298760		2514863	TPH C10-C28	100	50	104
	298761		2514888	TPH C10-C28	96	50	104
	298761		2514863	TPH C10-C28	96	50	104
	298761		2514878	TPH C10-C28	96	50	104
SW8015-P							
	0115LCS	WATER	2514687	TPH C6-C10	100	79	149
	0115LCS		2514700	TPH C6-C10	100	79	149
	0115LCSD		2514687	TPH C6-C10	104	79	149
	0115LCSD		2514700	TPH C6-C10	104	79	149
	0118LCS		2514717	TPH C6-C10	88	79	149
	0118LCS		2514700	TPH C6-C10	88	79	149
	0118LCS		2514737	TPH C6-C10	88	79	149
	0118LCSD		2514717	**TPH C6-C10**	**72**	**79**	**149**
	0118LCSD		2514737	**TPH C6-C10**	**72**	**79**	**149**
	0118LCSD		2514700	**TPH C6-C10**	**72**	**79**	**149**
	0125LCS		2514777	TPH C6-C10	84	79	149

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8015-P							
	0125LCS	WATER	2514824	TPH C6-C10	84	79	149
	0125LCS		2514801	TPH C6-C10	84	79	149
	0125LCS		2514809	TPH C6-C10	84	79	149
	0125LCS		2514835	TPH C6-C10	84	79	149
	0127LCS		2514801	TPH C6-C10	96	79	149
	0127LCS		2514823	TPH C6-C10	96	79	149
	0127LCS		2514809	TPH C6-C10	96	79	149
	0127LCSD		2514801	TPH C6-C10	84	79	149
	0127LCSD		2514809	TPH C6-C10	84	79	149
	0127LCSD		2514823	TPH C6-C10	84	79	149
	0203LCS		2514888	TPH C6-C10	92	79	149
	0203LCS		2514863	TPH C6-C10	92	79	149
	0203LCS		2514878	TPH C6-C10	92	79	149
	0203LCSD		2514888	TPH C6-C10	100	79	149
	0203LCSD		2514863	TPH C6-C10	100	79	149
	0203LCSD		2514878	TPH C6-C10	100	79	149
	1013LCS3		2513818	TPH C6-C10	90	79	149
	1013LCS3		2513819	TPH C6-C10	90	79	149
	1014LCS2		2513827	TPH C6-C10	96	79	149
	1014LCS2D		2513827	TPH C6-C10	92	79	149
	1020LCS		2513891	TPH C6-C10	104	79	149
	1020LCS		2513871	TPH C6-C10	104	79	149
	1020LCS		2513832	TPH C6-C10	104	79	149
	1020LCS		2513858	TPH C6-C10	104	79	149
	1020LCSD		2513871	TPH C6-C10	104	79	149
	1020LCSD		2513891	TPH C6-C10	104	79	149
	1020LCSD		2513832	TPH C6-C10	104	79	149
	1020LCSD		2513858	TPH C6-C10	104	79	149
	1022LCS2		2513925	TPH C6-C10	92	79	149
	1022LCS2		2513922	TPH C6-C10	92	79	149
	1022LCS2		2513832	TPH C6-C10	92	79	149
	1022LCS2		2513902	TPH C6-C10	92	79	149
	1022LCS2D		2513925	TPH C6-C10	96	79	149
	1022LCS2D		2513922	TPH C6-C10	96	79	149
	1022LCS2D		2513832	TPH C6-C10	96	79	149
	1022LCS2D		2513902	TPH C6-C10	96	79	149
	1026LCS		2513927	TPH C6-C10	100	79	149
	1026LCSD		2513927	TPH C6-C10	80	79	149
	1216LCS		2514463	TPH C6-C10	104	79	149
	1216LCSD		2514463	TPH C6-C10	96	79	149
SW8260B							
	0113LCS51	WATER	2514687	1,1,1,2-Tetrachloroethane	106	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0113LCS51	WATER	2514687	1,1,1-Trichloroethane	110	78	118
	0113LCS51		2514687	1,1,2,2-Tetrachloroethane	97	73	119
	0113LCS51		2514687	1,1,2-Trichloroethane	103	76	116
	0113LCS51		2514687	1,1-Dichloroethane	105	77	117
	0113LCS51		2514687	1,1-Dichloroethene	104	66	133
	0113LCS51		2514687	1,1-Dichloropropene	112	75	115
	0113LCS51		2514687	1,2,3-Trichlorobenzene	107	66	123
	0113LCS51		2514687	1,2,3-Trichloropropane	102	84	118
	0113LCS51		2514687	1,2,4-Trichlorobenzene	108	73	121
	0113LCS51		2514687	1,2,4-Trimethylbenzene	106	77	120
	0113LCS51		2514687	1,2-Dibromo-3-chloropropane	102	65	117
	0113LCS51		2514687	1,2-Dibromoethane	107	77	117
	0113LCS51		2514687	1,2-Dichlorobenzene	104	76	116
	0113LCS51		2514687	1,2-Dichloroethane	102	74	120
	0113LCS51		2514687	1,2-Dichloropropane	104	76	116
	0113LCS51		2514687	1,3,5-Trimethylbenzene	108	77	117
	0113LCS51		2514687	1,3-Dichlorobenzene	104	75	115
	0113LCS51		2514687	1,3-Dichloropropane	106	75	115
	0113LCS51		2514687	1,4-Dichlorobenzene	102	77	117
	0113LCS51		2514687	2,2-Dichloropropane	114	72	128
	0113LCS51		2514687	2-Butanone	110	57	120
	0113LCS51		2514687	2-Chlorotoluene	103	76	116
	0113LCS51		2514687	2-Hexanone	107	57	121
	0113LCS51		2514687	4-Chlorotoluene	104	78	118
	0113LCS51		2514687	4-Methyl-2-Pentanone	102	65	118
	0113LCS51		2514687	Acetone	114	48	130
	0113LCS51		2514687	Benzene	104	77	118
	0113LCS51		2514687	Bromobenzene	104	75	115
	0113LCS51		2514687	Bromochloromethane	102	78	118
	0113LCS51		2514687	Bromodichloromethane	104	78	118
	0113LCS51		2514687	Bromoform	106	74	121
	0113LCS51		2514687	Bromomethane	98	42	154
	0113LCS51		2514687	Carbon Disulfide	103	56	104
	0113LCS51		2514687	Carbon tetrachloride	110	80	120
	0113LCS51		2514687	Chlorobenzene	102	78	118
	0113LCS51		2514687	Chloroethane	102	51	133
	0113LCS51		2514687	Chloroform	102	78	118
	0113LCS51		2514687	Chloromethane	98.5	46	142
	0113LCS51		2514687	Cis-1,2-DCE	102	75	115
	0113LCS51		2514687	cis-1,3-Dichloropropene	108	76	113
	0113LCS51		2514687	Dibromochloromethane	105	76	116
	0113LCS51		2514687	Dibromomethane	104	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0113LCS51	WATER	2514687	Dichlorodifluoromethane	104	56	140
	0113LCS51		2514687	Ethylbenzene	105	78	118
	0113LCS51		2514687	Hexachlorobutadiene	114	73	123
	0113LCS51		2514687	Isopropylbenzene	108	71	113
	0113LCS51		2514687	m,p-Xylene	104	78	118
	0113LCS51		2514687	Methyl tert-Butyl Ether	109	58	116
	0113LCS51		2514687	Methylene chloride	106	71	119
	0113LCS51		2514687	Naphthalene	109	62	121
	0113LCS51		2514687	n-Butylbenzene	112	76	117
	0113LCS51		2514687	n-Propylbenzene	108	76	116
	0113LCS51		2514687	o-Xylene	103	77	117
	0113LCS51		2514687	p-Isopropyltoluene	108	76	113
	0113LCS51		2514687	Sec-Butylbenzene	110	80	120
	0113LCS51		2514687	Styrene	107	77	117
	0113LCS51		2514687	tert-Butylbenzene	108	76	116
	0113LCS51		2514687	Tetrachloroethene	108	77	117
	0113LCS51		2514687	Toluene	104	73	120
	0113LCS51		2514687	trans-1,2-Dichloroethene	106	80	120
	0113LCS51		2514687	trans-1,3-Dichloropropene	109	72	117
	0113LCS51		2514687	Trichloroethene	107	78	122
	0113LCS51		2514687	Trichlorofluoromethane	110	65	190
	0113LCS51		2514687	Vinyl chloride	106	49	136
	0113LCS51		2514687	Xylenes, Total	104	77	117
	0113LCS51D		2514687	1,1,1,2-Tetrachloroethane	100	77	117
	0113LCS51D		2514687	1,1,1-Trichloroethane	108	78	118
	0113LCS51D		2514687	1,1,2,2-Tetrachloroethane	95	73	119
	0113LCS51D		2514687	1,1,2-Trichloroethane	104	76	116
	0113LCS51D		2514687	1,1-Dichloroethane	103	77	117
	0113LCS51D		2514687	1,1-Dichloroethene	103	66	133
	0113LCS51D		2514687	1,1-Dichloropropene	111	75	115
	0113LCS51D		2514687	1,2,3-Trichlorobenzene	103	66	123
	0113LCS51D		2514687	1,2,3-Trichloropropane	101	84	118
	0113LCS51D		2514687	1,2,4-Trichlorobenzene	104	73	121
	0113LCS51D		2514687	1,2,4-Trimethylbenzene	103	77	120
	0113LCS51D		2514687	1,2-Dibromo-3-chloropropane	99.5	65	117
	0113LCS51D		2514687	1,2-Dibromoethane	103	77	117
	0113LCS51D		2514687	1,2-Dichlorobenzene	102	76	116
	0113LCS51D		2514687	1,2-Dichloroethane	99	74	120
	0113LCS51D		2514687	1,2-Dichloropropane	104	76	116
	0113LCS51D		2514687	1,3,5-Trimethylbenzene	105	77	117
	0113LCS51D		2514687	1,3-Dichlorobenzene	102	75	115
	0113LCS51D		2514687	1,3-Dichloropropane	104	75	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0113LCS51D	WATER	2514687	1,4-Dichlorobenzene	100	77	117
	0113LCS51D		2514687	2,2-Dichloropropane	113	72	128
	0113LCS51D		2514687	2-Butanone	105	57	120
	0113LCS51D		2514687	2-Chlorotoluene	100	76	116
	0113LCS51D		2514687	2-Hexanone	102	57	121
	0113LCS51D		2514687	4-Chlorotoluene	106	78	118
	0113LCS51D		2514687	4-Methyl-2-Pentanone	100	65	118
	0113LCS51D		2514687	Acetone	106	48	130
	0113LCS51D		2514687	Benzene	104	77	118
	0113LCS51D		2514687	Bromobenzene	102	75	115
	0113LCS51D		2514687	Bromochloromethane	100	78	118
	0113LCS51D		2514687	Bromodichloromethane	101	78	118
	0113LCS51D		2514687	Bromoform	100	74	121
	0113LCS51D		2514687	Bromomethane	102	42	154
	0113LCS51D		2514687	Carbon Disulfide	103	56	104
	0113LCS51D		2514687	Carbon tetrachloride	108	80	120
	0113LCS51D		2514687	Chlorobenzene	102	78	118
	0113LCS51D		2514687	Chloroethane	106	51	133
	0113LCS51D		2514687	Chloroform	100	78	118
	0113LCS51D		2514687	Chloromethane	100	46	142
	0113LCS51D		2514687	Cis-1,2-DCE	102	75	115
	0113LCS51D		2514687	cis-1,3-Dichloropropene	105	76	113
	0113LCS51D		2514687	Dibromochloromethane	104	76	116
	0113LCS51D		2514687	Dibromomethane	100	77	117
	0113LCS51D		2514687	Dichlorodifluoromethane	102	56	140
	0113LCS51D		2514687	Ethylbenzene	106	78	118
	0113LCS51D		2514687	Hexachlorobutadiene	110	73	123
	0113LCS51D		2514687	Isopropylbenzene	108	71	113
	0113LCS51D		2514687	m,p-Xylene	104	78	118
	0113LCS51D		2514687	Methyl tert-Butyl Ether	110	58	116
	0113LCS51D		2514687	Methylene chloride	104	71	119
	0113LCS51D		2514687	Naphthalene	104	62	121
	0113LCS51D		2514687	n-Butylbenzene	109	76	117
	0113LCS51D		2514687	n-Propylbenzene	106	76	116
	0113LCS51D		2514687	o-Xylene	104	77	117
	0113LCS51D		2514687	p-Isopropyltoluene	108	76	113
	0113LCS51D		2514687	Sec-Butylbenzene	108	80	120
	0113LCS51D		2514687	Styrene	106	77	117
	0113LCS51D		2514687	tert-Butylbenzene	106	76	116
	0113LCS51D		2514687	Tetrachloroethene	104	77	117
	0113LCS51D		2514687	Toluene	103	73	120
	0113LCS51D		2514687	trans-1,2-Dichloroethene	102	80	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0113LCS51D	WATER	2514687	trans-1,3-Dichloropropene	109	72	117
	0113LCS51D		2514687	Trichloroethene	108	78	122
	0113LCS51D		2514687	Trichlorofluoromethane	110	65	190
	0113LCS51D		2514687	Vinyl chloride	107	49	136
	0113LCS51D		2514687	Xylenes, Total	104	77	117
	011510LCSA32		2514700	1,1,1,2-Tetrachloroethane	104	77	117
	011510LCSA32		2514700	1,1,1-Trichloroethane	107	78	118
	011510LCSA32		2514700	1,1,2,2-Tetrachloroethane	97.5	73	119
	011510LCSA32		2514700	1,1,2-Trichloroethane	106	76	116
	011510LCSA32		2514700	1,1-Dichloroethane	102	77	117
	011510LCSA32		2514700	1,1-Dichloroethene	102	66	133
	011510LCSA32		2514700	1,1-Dichloropropene	107	75	115
	011510LCSA32		2514700	1,2,3-Trichlorobenzene	106	66	123
	011510LCSA32		2514700	1,2,3-Trichloropropane	95.5	84	118
	011510LCSA32		2514700	1,2,4-Trichlorobenzene	105	73	121
	011510LCSA32		2514700	1,2,4-Trimethylbenzene	104	77	120
	011510LCSA32		2514700	1,2-Dibromo-3-chloropropane	91.5	65	117
	011510LCSA32		2514700	1,2-Dibromoethane	104	77	117
	011510LCSA32		2514700	1,2-Dichlorobenzene	102	76	116
	011510LCSA32		2514700	1,2-Dichloroethane	99	74	120
	011510LCSA32		2514700	1,2-Dichloropropane	102	76	116
	011510LCSA32		2514700	1,3,5-Trimethylbenzene	104	77	117
	011510LCSA32		2514700	1,3-Dichlorobenzene	102	75	115
	011510LCSA32		2514700	1,3-Dichloropropane	98.5	75	115
	011510LCSA32		2514700	1,4-Dichlorobenzene	100	77	117
	011510LCSA32		2514700	2,2-Dichloropropane	106	72	128
	011510LCSA32		2514700	2-Butanone	93.8	57	120
	011510LCSA32		2514700	2-Chlorotoluene	102	76	116
	011510LCSA32		2514700	2-Hexanone	91.5	57	121
	011510LCSA32		2514700	4-Chlorotoluene	99.5	78	118
	011510LCSA32		2514700	4-Methyl-2-Pentanone	106	65	118
	011510LCSA32		2514700	Acetone	92.8	48	130
	011510LCSA32		2514700	Benzene	99	77	118
	011510LCSA32		2514700	Bromobenzene	102	75	115
	011510LCSA32		2514700	Bromochloromethane	100	78	118
	011510LCSA32		2514700	Bromodichloromethane	105	78	118
	011510LCSA32		2514700	Bromoform	94	74	121
	011510LCSA32		2514700	Bromomethane	102	42	154
	011510LCSA32		2514700	Carbon Disulfide	104	56	104
	011510LCSA32		2514700	Carbon tetrachloride	106	80	120
	011510LCSA32		2514700	Chlorobenzene	98.5	78	118
	011510LCSA32		2514700	Chloroethane	104	51	133

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	011510LCSA32	WATER	2514700	Chloroform	99.5	78	118
	011510LCSA32		2514700	Chloromethane	98.5	46	142
	011510LCSA32		2514700	Cis-1,2-DCE	104	75	115
	011510LCSA32		2514700	**cis-1,3-Dichloropropene**	**115**	**76**	**113**
	011510LCSA32		2514700	Dibromochloromethane	102	76	116
	011510LCSA32		2514700	Dibromomethane	102	77	117
	011510LCSA32		2514700	Dichlorodifluoromethane	108	56	140
	011510LCSA32		2514700	Ethylbenzene	102	78	118
	011510LCSA32		2514700	Hexachlorobutadiene	104	73	123
	011510LCSA32		2514700	Isopropylbenzene	104	71	113
	011510LCSA32		2514700	m,p-Xylene	98	78	118
	011510LCSA32		2514700	Methyl tert-Butyl Ether	101	58	116
	011510LCSA32		2514700	Methylene chloride	99	71	119
	011510LCSA32		2514700	Naphthalene	104	62	121
	011510LCSA32		2514700	n-Butylbenzene	106	76	117
	011510LCSA32		2514700	n-Propylbenzene	106	76	116
	011510LCSA32		2514700	o-Xylene	98.5	77	117
	011510LCSA32		2514700	p-Isopropyltoluene	106	76	113
	011510LCSA32		2514700	Sec-Butylbenzene	106	80	120
	011510LCSA32		2514700	Styrene	97.5	77	117
	011510LCSA32		2514700	tert-Butylbenzene	106	76	116
	011510LCSA32		2514700	Tetrachloroethene	100	77	117
	011510LCSA32		2514700	Toluene	106	73	120
	011510LCSA32		2514700	trans-1,2-Dichloroethene	99	80	120
	011510LCSA32		2514700	trans-1,3-Dichloropropene	95.5	72	117
	011510LCSA32		2514700	Trichloroethene	104	78	122
	011510LCSA32		2514700	Trichlorofluoromethane	106	65	190
	011510LCSA32		2514700	Vinyl chloride	87	49	136
	011510LCSA32		2514700	Xylenes, Total	98.2	77	117
	011510LCSA32D		2514700	1,1,1,2-Tetrachloroethane	94.5	77	117
	011510LCSA32D		2514700	1,1,1-Trichloroethane	102	78	118
	011510LCSA32D		2514700	1,1,2,2-Tetrachloroethane	92.5	73	119
	011510LCSA32D		2514700	1,1,2-Trichloroethane	102	76	116
	011510LCSA32D		2514700	1,1-Dichloroethane	102	77	117
	011510LCSA32D		2514700	1,1-Dichloroethene	96.5	66	133
	011510LCSA32D		2514700	1,1-Dichloropropene	102	75	115
	011510LCSA32D		2514700	1,2,3-Trichlorobenzene	102	66	123
	011510LCSA32D		2514700	1,2,3-Trichloropropane	90.5	84	118
	011510LCSA32D		2514700	1,2,4-Trichlorobenzene	99	73	121
	011510LCSA32D		2514700	1,2,4-Trimethylbenzene	99	77	120
	011510LCSA32D		2514700	1,2-Dibromo-3-chloropropane	88.5	65	117
	011510LCSA32D		2514700	1,2-Dibromoethane	96.5	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	011510LCSA32D	WATER	2514700	1,2-Dichlorobenzene	97	76	116
	011510LCSA32D		2514700	1,2-Dichloroethane	99.5	74	120
	011510LCSA32D		2514700	1,2-Dichloropropane	102	76	116
	011510LCSA32D		2514700	1,3,5-Trimethylbenzene	99	77	117
	011510LCSA32D		2514700	1,3-Dichlorobenzene	96	75	115
	011510LCSA32D		2514700	1,3-Dichloropropane	92.5	75	115
	011510LCSA32D		2514700	1,4-Dichlorobenzene	96.5	77	117
	011510LCSA32D		2514700	2,2-Dichloropropane	98	72	128
	011510LCSA32D		2514700	2-Butanone	91.5	57	120
	011510LCSA32D		2514700	2-Chlorotoluene	99	76	116
	011510LCSA32D		2514700	2-Hexanone	87	57	121
	011510LCSA32D		2514700	4-Chlorotoluene	96.5	78	118
	011510LCSA32D		2514700	4-Methyl-2-Pentanone	98.5	65	118
	011510LCSA32D		2514700	Acetone	96.5	48	130
	011510LCSA32D		2514700	Benzene	98	77	118
	011510LCSA32D		2514700	Bromobenzene	97	75	115
	011510LCSA32D		2514700	Bromochloromethane	99.5	78	118
	011510LCSA32D		2514700	Bromodichloromethane	102	78	118
	011510LCSA32D		2514700	Bromoform	84	74	121
	011510LCSA32D		2514700	Bromomethane	108	42	154
	011510LCSA32D		2514700	Carbon Disulfide	100	56	104
	011510LCSA32D		2514700	Carbon tetrachloride	99	80	120
	011510LCSA32D		2514700	Chlorobenzene	93.5	78	118
	011510LCSA32D		2514700	Chloroethane	104	51	133
	011510LCSA32D		2514700	Chloroform	97.5	78	118
	011510LCSA32D		2514700	Chloromethane	103	46	142
	011510LCSA32D		2514700	Cis-1,2-DCE	102	75	115
	011510LCSA32D		2514700	cis-1,3-Dichloropropene	110	76	113
	011510LCSA32D		2514700	Dibromochloromethane	91.5	76	116
	011510LCSA32D		2514700	Dibromomethane	97	77	117
	011510LCSA32D		2514700	Dichlorodifluoromethane	103	56	140
	011510LCSA32D		2514700	Ethylbenzene	96	78	118
	011510LCSA32D		2514700	Hexachlorobutadiene	99	73	123
	011510LCSA32D		2514700	Isopropylbenzene	99.5	71	113
	011510LCSA32D		2514700	m,p-Xylene	92.2	78	118
	011510LCSA32D		2514700	Methyl tert-Butyl Ether	96.5	58	116
	011510LCSA32D		2514700	Methylene chloride	97	71	119
	011510LCSA32D		2514700	Naphthalene	100	62	121
	011510LCSA32D		2514700	n-Butylbenzene	99	76	117
	011510LCSA32D		2514700	n-Propylbenzene	101	76	116
	011510LCSA32D		2514700	o-Xylene	93	77	117
	011510LCSA32D		2514700	p-Isopropyltoluene	98	76	113

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	011510LCSA32D	WATER	2514700	Sec-Butylbenzene	100	80	120
	011510LCSA32D		2514700	Styrene	92.5	77	117
	011510LCSA32D		2514700	tert-Butylbenzene	100	76	116
	011510LCSA32D		2514700	Tetrachloroethene	95	77	117
	011510LCSA32D		2514700	Toluene	101	73	120
	011510LCSA32D		2514700	trans-1,2-Dichloroethene	98	80	120
	011510LCSA32D		2514700	trans-1,3-Dichloropropene	91	72	117
	011510LCSA32D		2514700	Trichloroethene	99	78	122
	011510LCSA32D		2514700	Trichlorofluoromethane	110	65	190
	011510LCSA32D		2514700	Vinyl chloride	91.5	49	136
	011510LCSA32D		2514700	Xylenes, Total	92.5	77	117
	011810LCSA31		2514737	1,1,1,2-Tetrachloroethane	101	77	117
	011810LCSA31		2514737	1,1,1-Trichloroethane	102	78	118
	011810LCSA31		2514737	1,1,2,2-Tetrachloroethane	85.5	73	119
	011810LCSA31		2514737	1,1,2-Trichloroethane	97	76	116
	011810LCSA31		2514737	1,1-Dichloroethane	98.5	77	117
	011810LCSA31		2514737	1,1-Dichloroethene	96.5	66	133
	011810LCSA31		2514737	1,1-Dichloropropene	104	75	115
	011810LCSA31		2514737	1,2,3-Trichlorobenzene	94.5	66	123
	011810LCSA31		2514737	**1,2,3-Trichloropropane**	**82**	**84**	**118**
	011810LCSA31		2514737	1,2,4-Trichlorobenzene	96	73	121
	011810LCSA31		2514737	1,2,4-Trimethylbenzene	100	77	120
	011810LCSA31		2514737	1,2-Dibromo-3-chloropropane	83	65	117
	011810LCSA31		2514737	1,2-Dibromoethane	92	77	117
	011810LCSA31		2514737	1,2-Dichlorobenzene	94.5	76	116
	011810LCSA31		2514737	1,2-Dichloroethane	95	74	120
	011810LCSA31		2514737	1,2-Dichloropropane	98.5	76	116
	011810LCSA31		2514737	1,3,5-Trimethylbenzene	102	77	117
	011810LCSA31		2514737	1,3-Dichlorobenzene	97	75	115
	011810LCSA31		2514737	1,3-Dichloropropane	92	75	115
	011810LCSA31		2514737	1,4-Dichlorobenzene	96	77	117
	011810LCSA31		2514737	2,2-Dichloropropane	97	72	128
	011810LCSA31		2514737	2-Butanone	87.8	57	120
	011810LCSA31		2514737	2-Chlorotoluene	98	76	116
	011810LCSA31		2514737	2-Hexanone	81.8	57	121
	011810LCSA31		2514737	4-Chlorotoluene	96	78	118
	011810LCSA31		2514737	4-Methyl-2-Pentanone	92	65	118
	011810LCSA31		2514737	Acetone	96.8	48	130
	011810LCSA31		2514737	Benzene	98	77	118
	011810LCSA31		2514737	Bromobenzene	97.5	75	115
	011810LCSA31		2514737	Bromochloromethane	98	78	118
	011810LCSA31		2514737	Bromodichloromethane	101	78	118

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	011810LCSA31	WATER	2514737	Bromoform	88	74	121
	011810LCSA31		2514737	Bromomethane	100	42	154
	011810LCSA31		2514737	Carbon Disulfide	100	56	104
	011810LCSA31		2514737	Carbon tetrachloride	107	80	120
	011810LCSA31		2514737	Chlorobenzene	97	78	118
	011810LCSA31		2514737	Chloroethane	104	51	133
	011810LCSA31		2514737	Chloroform	95.5	78	118
	011810LCSA31		2514737	Chloromethane	109	46	142
	011810LCSA31		2514737	Cis-1,2-DCE	104	75	115
	011810LCSA31		2514737	cis-1,3-Dichloropropene	110	76	113
	011810LCSA31		2514737	Dibromochloromethane	96.5	76	116
	011810LCSA31		2514737	Dibromomethane	95.5	77	117
	011810LCSA31		2514737	Dichlorodifluoromethane	108	56	140
	011810LCSA31		2514737	Ethylbenzene	98	78	118
	011810LCSA31		2514737	Hexachlorobutadiene	98.5	73	123
	011810LCSA31		2514737	Isopropylbenzene	102	71	113
	011810LCSA31		2514737	m,p-Xylene	96	78	118
	011810LCSA31		2514737	Methyl tert-Butyl Ether	87	58	116
	011810LCSA31		2514737	Methylene chloride	94.5	71	119
	011810LCSA31		2514737	Naphthalene	87.5	62	121
	011810LCSA31		2514737	n-Butylbenzene	103	76	117
	011810LCSA31		2514737	n-Propylbenzene	102	76	116
	011810LCSA31		2514737	o-Xylene	95.5	77	117
	011810LCSA31		2514737	p-Isopropyltoluene	102	76	113
	011810LCSA31		2514737	Sec-Butylbenzene	100	80	120
	011810LCSA31		2514737	Styrene	96.5	77	117
	011810LCSA31		2514737	tert-Butylbenzene	102	76	116
	011810LCSA31		2514737	Tetrachloroethene	98	77	117
	011810LCSA31		2514737	Toluene	103	73	120
	011810LCSA31		2514737	trans-1,2-Dichloroethene	96	80	120
	011810LCSA31		2514737	trans-1,3-Dichloropropene	93	72	117
	011810LCSA31		2514737	Trichloroethene	100	78	122
	011810LCSA31		2514737	Trichlorofluoromethane	108	65	190
	011810LCSA31		2514737	Vinyl chloride	87	49	136
	011810LCSA31		2514737	Xylenes, Total	95.8	77	117
	011810LCSA31D		2514737	1,1,1,2-Tetrachloroethane	99	77	117
	011810LCSA31D		2514737	1,1,1-Trichloroethane	103	78	118
	011810LCSA31D		2514737	1,1,2,2-Tetrachloroethane	85.5	73	119
	011810LCSA31D		2514737	1,1,2-Trichloroethane	101	76	116
	011810LCSA31D		2514737	1,1-Dichloroethane	99	77	117
	011810LCSA31D		2514737	1,1-Dichloroethene	96	66	133
	011810LCSA31D		2514737	1,1-Dichloropropene	106	75	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	011810LCSA31D	WATER	2514737	1,2,3-Trichlorobenzene	95	66	123
	011810LCSA31D		2514737	**1,2,3-Trichloropropane**	**83**	**84**	**118**
	011810LCSA31D		2514737	1,2,4-Trichlorobenzene	95.5	73	121
	011810LCSA31D		2514737	1,2,4-Trimethylbenzene	98.5	77	120
	011810LCSA31D		2514737	1,2-Dibromo-3-chloropropane	83.5	65	117
	011810LCSA31D		2514737	1,2-Dibromoethane	94	77	117
	011810LCSA31D		2514737	1,2-Dichlorobenzene	93	76	116
	011810LCSA31D		2514737	1,2-Dichloroethane	98	74	120
	011810LCSA31D		2514737	1,2-Dichloropropane	101	76	116
	011810LCSA31D		2514737	1,3,5-Trimethylbenzene	98	77	117
	011810LCSA31D		2514737	1,3-Dichlorobenzene	95.5	75	115
	011810LCSA31D		2514737	1,3-Dichloropropane	90	75	115
	011810LCSA31D		2514737	1,4-Dichlorobenzene	93	77	117
	011810LCSA31D		2514737	2,2-Dichloropropane	98	72	128
	011810LCSA31D		2514737	2-Butanone	86.5	57	120
	011810LCSA31D		2514737	2-Chlorotoluene	98.5	76	116
	011810LCSA31D		2514737	2-Hexanone	76	57	121
	011810LCSA31D		2514737	4-Chlorotoluene	94	78	118
	011810LCSA31D		2514737	4-Methyl-2-Pentanone	95.5	65	118
	011810LCSA31D		2514737	Acetone	92.5	48	130
	011810LCSA31D		2514737	Benzene	99.5	77	118
	011810LCSA31D		2514737	Bromobenzene	94	75	115
	011810LCSA31D		2514737	Bromochloromethane	100	78	118
	011810LCSA31D		2514737	Bromodichloromethane	104	78	118
	011810LCSA31D		2514737	Bromoform	89.5	74	121
	011810LCSA31D		2514737	Bromomethane	100	42	154
	011810LCSA31D		2514737	Carbon Disulfide	102	56	104
	011810LCSA31D		2514737	Carbon tetrachloride	108	80	120
	011810LCSA31D		2514737	Chlorobenzene	94.5	78	118
	011810LCSA31D		2514737	Chloroethane	102	51	133
	011810LCSA31D		2514737	Chloroform	98	78	118
	011810LCSA31D		2514737	Chloromethane	104	46	142
	011810LCSA31D		2514737	Cis-1,2-DCE	103	75	115
	011810LCSA31D		2514737	cis-1,3-Dichloropropene	112	76	113
	011810LCSA31D		2514737	Dibromochloromethane	95.5	76	116
	011810LCSA31D		2514737	Dibromomethane	100	77	117
	011810LCSA31D		2514737	Dichlorodifluoromethane	106	56	140
	011810LCSA31D		2514737	Ethylbenzene	97	78	118
	011810LCSA31D		2514737	Hexachlorobutadiene	95	73	123
	011810LCSA31D		2514737	Isopropylbenzene	98.5	71	113
	011810LCSA31D		2514737	m,p-Xylene	94	78	118
	011810LCSA31D		2514737	Methyl tert-Butyl Ether	93	58	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	011810LCSA31D	WATER	2514737	Methylene chloride	98	71	119
	011810LCSA31D		2514737	Naphthalene	93	62	121
	011810LCSA31D		2514737	n-Butylbenzene	98.5	76	117
	011810LCSA31D		2514737	n-Propylbenzene	99.5	76	116
	011810LCSA31D		2514737	o-Xylene	94	77	117
	011810LCSA31D		2514737	p-Isopropyltoluene	98.5	76	113
	011810LCSA31D		2514737	Sec-Butylbenzene	99	80	120
	011810LCSA31D		2514737	Styrene	96	77	117
	011810LCSA31D		2514737	tert-Butylbenzene	100	76	116
	011810LCSA31D		2514737	Tetrachloroethene	96.5	77	117
	011810LCSA31D		2514737	Toluene	106	73	120
	011810LCSA31D		2514737	trans-1,2-Dichloroethene	98	80	120
	011810LCSA31D		2514737	trans-1,3-Dichloropropene	93.5	72	117
	011810LCSA31D		2514737	Trichloroethene	103	78	122
	011810LCSA31D		2514737	Trichlorofluoromethane	106	65	190
	011810LCSA31D		2514737	Vinyl chloride	86	49	136
	011810LCSA31D		2514737	Xylenes, Total	94	77	117
	011910LCSA31		2514717	1,1,1,2-Tetrachloroethane	102	77	117
	011910LCSA31		2514717	1,1,1-Trichloroethane	104	78	118
	011910LCSA31		2514717	1,1,2,2-Tetrachloroethane	93.5	73	119
	011910LCSA31		2514717	1,1,2-Trichloroethane	104	76	116
	011910LCSA31		2514717	1,1-Dichloroethane	100	77	117
	011910LCSA31		2514717	1,1-Dichloroethene	104	66	133
	011910LCSA31		2514717	1,1-Dichloropropene	106	75	115
	011910LCSA31		2514717	1,2,3-Trichlorobenzene	102	66	123
	011910LCSA31		2514717	1,2,3-Trichloropropane	91.5	84	118
	011910LCSA31		2514717	1,2,4-Trichlorobenzene	104	73	121
	011910LCSA31		2514717	1,2,4-Trimethylbenzene	96.5	77	120
	011910LCSA31		2514717	1,2-Dibromo-3-chloropropane	95	65	117
	011910LCSA31		2514717	1,2-Dibromoethane	100	77	117
	011910LCSA31		2514717	1,2-Dichlorobenzene	94	76	116
	011910LCSA31		2514717	1,2-Dichloroethane	102	74	120
	011910LCSA31		2514717	1,2-Dichloropropane	99.5	76	116
	011910LCSA31		2514717	1,3,5-Trimethylbenzene	98	77	117
	011910LCSA31		2514717	1,3-Dichlorobenzene	94.5	75	115
	011910LCSA31		2514717	1,3-Dichloropropane	95	75	115
	011910LCSA31		2514717	1,4-Dichlorobenzene	94.5	77	117
	011910LCSA31		2514717	2,2-Dichloropropane	95	72	128
	011910LCSA31		2514717	2-Butanone	114	57	120
	011910LCSA31		2514717	2-Chlorotoluene	94.5	76	116
	011910LCSA31		2514717	2-Hexanone	101	57	121
	011910LCSA31		2514717	4-Chlorotoluene	94.5	78	118

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	011910LCSA31	WATER	2514717	4-Methyl-2-Pentanone	106	65	118
	011910LCSA31		2514717	Acetone	122	48	130
	011910LCSA31		2514717	Benzene	100	77	118
	011910LCSA31		2514717	Bromobenzene	96	75	115
	011910LCSA31		2514717	Bromochloromethane	100	78	118
	011910LCSA31		2514717	Bromodichloromethane	104	78	118
	011910LCSA31		2514717	Bromoform	106	74	121
	011910LCSA31		2514717	Bromomethane	104	42	154
	011910LCSA31		2514717	Carbon Disulfide	100	56	104
	011910LCSA31		2514717	Carbon tetrachloride	101	80	120
	011910LCSA31		2514717	Chlorobenzene	95	78	118
	011910LCSA31		2514717	Chloroethane	104	51	133
	011910LCSA31		2514717	Chloroform	98	78	118
	011910LCSA31		2514717	Chloromethane	104	46	142
	011910LCSA31		2514717	Cis-1,2-DCE	106	75	115
	011910LCSA31		2514717	**cis-1,3-Dichloropropene**	**114**	**76**	**113**
	011910LCSA31		2514717	Dibromochloromethane	102	76	116
	011910LCSA31		2514717	Dibromomethane	107	77	117
	011910LCSA31		2514717	Dichlorodifluoromethane	85	56	140
	011910LCSA31		2514717	Ethylbenzene	97	78	118
	011910LCSA31		2514717	Hexachlorobutadiene	96	73	123
	011910LCSA31		2514717	Isopropylbenzene	97.5	71	113
	011910LCSA31		2514717	m,p-Xylene	95.5	78	118
	011910LCSA31		2514717	Methyl tert-Butyl Ether	99.5	58	116
	011910LCSA31		2514717	Methylene chloride	104	71	119
	011910LCSA31		2514717	Naphthalene	102	62	121
	011910LCSA31		2514717	n-Butylbenzene	99.5	76	117
	011910LCSA31		2514717	n-Propylbenzene	99.5	76	116
	011910LCSA31		2514717	o-Xylene	96.5	77	117
	011910LCSA31		2514717	p-Isopropyltoluene	98.5	76	113
	011910LCSA31		2514717	Sec-Butylbenzene	97.5	80	120
	011910LCSA31		2514717	Styrene	98	77	117
	011910LCSA31		2514717	tert-Butylbenzene	98.5	76	116
	011910LCSA31		2514717	Tetrachloroethene	99	77	117
	011910LCSA31		2514717	Toluene	106	73	120
	011910LCSA31		2514717	trans-1,2-Dichloroethene	102	80	120
	011910LCSA31		2514717	trans-1,3-Dichloropropene	100	72	117
	011910LCSA31		2514717	Trichloroethene	102	78	122
	011910LCSA31		2514717	Trichlorofluoromethane	113	65	190
	011910LCSA31		2514717	Vinyl chloride	82	49	136
	011910LCSA31		2514717	Xylenes, Total	95.8	77	117
	011910LCSA31D		2514717	1,1,1,2-Tetrachloroethane	95.5	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	011910LCSA31D	WATER	2514717	1,1,1-Trichloroethane	99	78	118
	011910LCSA31D		2514717	1,1,2,2-Tetrachloroethane	87.5	73	119
	011910LCSA31D		2514717	1,1,2-Trichloroethane	98	76	116
	011910LCSA31D		2514717	1,1-Dichloroethane	96	77	117
	011910LCSA31D		2514717	1,1-Dichloroethene	95	66	133
	011910LCSA31D		2514717	1,1-Dichloropropene	99	75	115
	011910LCSA31D		2514717	1,2,3-Trichlorobenzene	100	66	123
	011910LCSA31D		2514717	1,2,3-Trichloropropane	88.5	84	118
	011910LCSA31D		2514717	1,2,4-Trichlorobenzene	97.5	73	121
	011910LCSA31D		2514717	1,2,4-Trimethylbenzene	90	77	120
	011910LCSA31D		2514717	1,2-Dibromo-3-chloropropane	94.5	65	117
	011910LCSA31D		2514717	1,2-Dibromoethane	95	77	117
	011910LCSA31D		2514717	1,2-Dichlorobenzene	88.5	76	116
	011910LCSA31D		2514717	1,2-Dichloroethane	95.5	74	120
	011910LCSA31D		2514717	1,2-Dichloropropane	94	76	116
	011910LCSA31D		2514717	1,3,5-Trimethylbenzene	89	77	117
	011910LCSA31D		2514717	1,3-Dichlorobenzene	88.5	75	115
	011910LCSA31D		2514717	1,3-Dichloropropane	88.5	75	115
	011910LCSA31D		2514717	1,4-Dichlorobenzene	87.5	77	117
	011910LCSA31D		2514717	2,2-Dichloropropane	90.5	72	128
	011910LCSA31D		2514717	2-Butanone	95.8	57	120
	011910LCSA31D		2514717	2-Chlorotoluene	89	76	116
	011910LCSA31D		2514717	2-Hexanone	88.5	57	121
	011910LCSA31D		2514717	4-Chlorotoluene	86	78	118
	011910LCSA31D		2514717	4-Methyl-2-Pentanone	103	65	118
	011910LCSA31D		2514717	Acetone	98.5	48	130
	011910LCSA31D		2514717	Benzene	94.5	77	118
	011910LCSA31D		2514717	Bromobenzene	88	75	115
	011910LCSA31D		2514717	Bromochloromethane	95	78	118
	011910LCSA31D		2514717	Bromodichloromethane	97.5	78	118
	011910LCSA31D		2514717	Bromoform	95	74	121
	011910LCSA31D		2514717	Bromomethane	97	42	154
	011910LCSA31D		2514717	Carbon Disulfide	91	56	104
	011910LCSA31D		2514717	Carbon tetrachloride	93.5	80	120
	011910LCSA31D		2514717	Chlorobenzene	88	78	118
	011910LCSA31D		2514717	Chloroethane	97	51	133
	011910LCSA31D		2514717	Chloroform	93.5	78	118
	011910LCSA31D		2514717	Chloromethane	98	46	142
	011910LCSA31D		2514717	Cis-1,2-DCE	98	75	115
	011910LCSA31D		2514717	cis-1,3-Dichloropropene	107	76	113
	011910LCSA31D		2514717	Dibromochloromethane	94.5	76	116
	011910LCSA31D		2514717	Dibromomethane	95	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	011910LCSA31D	WATER	2514717	Dichlorodifluoromethane	83	56	140
	011910LCSA31D		2514717	Ethylbenzene	90	78	118
	011910LCSA31D		2514717	Hexachlorobutadiene	85.5	73	123
	011910LCSA31D		2514717	Isopropylbenzene	88	71	113
	011910LCSA31D		2514717	m,p-Xylene	88.2	78	118
	011910LCSA31D		2514717	Methyl tert-Butyl Ether	97	58	116
	011910LCSA31D		2514717	Methylene chloride	97	71	119
	011910LCSA31D		2514717	Naphthalene	101	62	121
	011910LCSA31D		2514717	n-Butylbenzene	91	76	117
	011910LCSA31D		2514717	n-Propylbenzene	91	76	116
	011910LCSA31D		2514717	o-Xylene	88.5	77	117
	011910LCSA31D		2514717	p-Isopropyltoluene	90	76	113
	011910LCSA31D		2514717	Sec-Butylbenzene	90.5	80	120
	011910LCSA31D		2514717	Styrene	90	77	117
	011910LCSA31D		2514717	tert-Butylbenzene	90.5	76	116
	011910LCSA31D		2514717	Tetrachloroethene	91.5	77	117
	011910LCSA31D		2514717	Toluene	96.5	73	120
	011910LCSA31D		2514717	trans-1,2-Dichloroethene	95.5	80	120
	011910LCSA31D		2514717	trans-1,3-Dichloropropene	94.5	72	117
	011910LCSA31D		2514717	Trichloroethene	97	78	122
	011910LCSA31D		2514717	Trichlorofluoromethane	104	65	190
	011910LCSA31D		2514717	Vinyl chloride	77.5	49	136
	011910LCSA31D		2514717	Xylenes, Total	88.3	77	117
	012110LCS61		2514801	1,1,1,2-Tetrachloroethane	94	77	117
	012110LCS61		2514801	1,1,1-Trichloroethane	97.5	78	118
	012110LCS61		2514801	1,1,2,2-Tetrachloroethane	94.5	73	119
	012110LCS61		2514801	1,1,2-Trichloroethane	96	76	116
	012110LCS61		2514801	1,1-Dichloroethane	97	77	117
	012110LCS61		2514801	1,1-Dichloroethene	97	66	133
	012110LCS61		2514801	1,1-Dichloropropene	97.5	75	115
	012110LCS61		2514801	1,2,3-Trichlorobenzene	97.5	66	123
	012110LCS61		2514801	1,2,3-Trichloropropane	95	84	118
	012110LCS61		2514801	1,2,4-Trichlorobenzene	100	73	121
	012110LCS61		2514801	1,2,4-Trimethylbenzene	95	77	120
	012110LCS61		2514801	1,2-Dibromo-3-chloropropane	99.5	65	117
	012110LCS61		2514801	1,2-Dibromoethane	96	77	117
	012110LCS61		2514801	1,2-Dichlorobenzene	95	76	116
	012110LCS61		2514801	1,2-Dichloroethane	98	74	120
	012110LCS61		2514801	1,2-Dichloropropane	95	76	116
	012110LCS61		2514801	1,3,5-Trimethylbenzene	95	77	117
	012110LCS61		2514801	1,3-Dichlorobenzene	94.5	75	115
	012110LCS61		2514801	1,3-Dichloropropane	93	75	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	012110LCS61	WATER	2514801	1,4-Dichlorobenzene	92	77	117
	012110LCS61		2514801	2,2-Dichloropropane	100	72	128
	012110LCS61		2514801	2-Butanone	91	57	120
	012110LCS61		2514801	2-Chlorotoluene	94	76	116
	012110LCS61		2514801	2-Hexanone	90.8	57	121
	012110LCS61		2514801	4-Chlorotoluene	93	78	118
	012110LCS61		2514801	4-Methyl-2-Pentanone	95	65	118
	012110LCS61		2514801	Acetone	86.2	48	130
	012110LCS61		2514801	Benzene	94.5	77	118
	012110LCS61		2514801	Bromobenzene	94.5	75	115
	012110LCS61		2514801	Bromochloromethane	96	78	118
	012110LCS61		2514801	Bromodichloromethane	97.5	78	118
	012110LCS61		2514801	Bromoform	91	74	121
	012110LCS61		2514801	Bromomethane	101	42	154
	012110LCS61		2514801	Carbon Disulfide	95.5	56	104
	012110LCS61		2514801	Carbon tetrachloride	97	80	120
	012110LCS61		2514801	Chlorobenzene	92	78	118
	012110LCS61		2514801	Chloroethane	91.5	51	133
	012110LCS61		2514801	Chloroform	94.5	78	118
	012110LCS61		2514801	Chloromethane	94	46	142
	012110LCS61		2514801	Cis-1,2-DCE	95	75	115
	012110LCS61		2514801	cis-1,3-Dichloropropene	100	76	113
	012110LCS61		2514801	Dibromochloromethane	94	76	116
	012110LCS61		2514801	Dibromomethane	98	77	117
	012110LCS61		2514801	Dichlorodifluoromethane	100	56	140
	012110LCS61		2514801	Ethylbenzene	93	78	118
	012110LCS61		2514801	Hexachlorobutadiene	88.5	73	123
	012110LCS61		2514801	Isopropylbenzene	94	71	113
	012110LCS61		2514801	m,p-Xylene	91.8	78	118
	012110LCS61		2514801	Methyl tert-Butyl Ether	95	58	116
	012110LCS61		2514801	Methylene chloride	96.5	71	119
	012110LCS61		2514801	Naphthalene	90	62	121
	012110LCS61		2514801	n-Butylbenzene	98	76	117
	012110LCS61		2514801	n-Propylbenzene	95.5	76	116
	012110LCS61		2514801	o-Xylene	94	77	117
	012110LCS61		2514801	p-Isopropyltoluene	97	76	113
	012110LCS61		2514801	Sec-Butylbenzene	97.5	80	120
	012110LCS61		2514801	Styrene	94	77	117
	012110LCS61		2514801	tert-Butylbenzene	95.5	76	116
	012110LCS61		2514801	Tetrachloroethene	94	77	117
	012110LCS61		2514801	Toluene	96	73	120
	012110LCS61		2514801	trans-1,2-Dichloroethene	96.5	80	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	012110LCS61	WATER	2514801	trans-1,3-Dichloropropene	97.5	72	117
	012110LCS61		2514801	Trichloroethene	96	78	122
	012110LCS61		2514801	Trichlorofluoromethane	98	65	190
	012110LCS61		2514801	Vinyl chloride	93	49	136
	012110LCS61		2514801	Xylenes, Total	92.5	77	117
	012110LCS61D		2514801	1,1,1,2-Tetrachloroethane	104	77	117
	012110LCS61D		2514801	1,1,1-Trichloroethane	109	78	118
	012110LCS61D		2514801	1,1,2,2-Tetrachloroethane	102	73	119
	012110LCS61D		2514801	1,1,2-Trichloroethane	104	76	116
	012110LCS61D		2514801	1,1-Dichloroethane	106	77	117
	012110LCS61D		2514801	1,1-Dichloroethene	107	66	133
	012110LCS61D		2514801	1,1-Dichloropropene	108	75	115
	012110LCS61D		2514801	1,2,3-Trichlorobenzene	98.5	66	123
	012110LCS61D		2514801	1,2,3-Trichloropropane	102	84	118
	012110LCS61D		2514801	1,2,4-Trichlorobenzene	100	73	121
	012110LCS61D		2514801	1,2,4-Trimethylbenzene	104	77	120
	012110LCS61D		2514801	1,2-Dibromo-3-chloropropane	98	65	117
	012110LCS61D		2514801	1,2-Dibromoethane	104	77	117
	012110LCS61D		2514801	1,2-Dichlorobenzene	103	76	116
	012110LCS61D		2514801	1,2-Dichloroethane	108	74	120
	012110LCS61D		2514801	1,2-Dichloropropane	106	76	116
	012110LCS61D		2514801	1,3,5-Trimethylbenzene	104	77	117
	012110LCS61D		2514801	1,3-Dichlorobenzene	101	75	115
	012110LCS61D		2514801	1,3-Dichloropropane	102	75	115
	012110LCS61D		2514801	1,4-Dichlorobenzene	99.5	77	117
	012110LCS61D		2514801	2,2-Dichloropropane	110	72	128
	012110LCS61D		2514801	2-Butanone	89	57	120
	012110LCS61D		2514801	2-Chlorotoluene	104	76	116
	012110LCS61D		2514801	2-Hexanone	93	57	121
	012110LCS61D		2514801	4-Chlorotoluene	104	78	118
	012110LCS61D		2514801	4-Methyl-2-Pentanone	100	65	118
	012110LCS61D		2514801	Acetone	81	48	130
	012110LCS61D		2514801	Benzene	104	77	118
	012110LCS61D		2514801	Bromobenzene	104	75	115
	012110LCS61D		2514801	Bromochloromethane	105	78	118
	012110LCS61D		2514801	Bromodichloromethane	108	78	118
	012110LCS61D		2514801	Bromoform	98.5	74	121
	012110LCS61D		2514801	Bromomethane	115	42	154
	012110LCS61D		2514801	Carbon Disulfide	104	56	104
	012110LCS61D		2514801	Carbon tetrachloride	108	80	120
	012110LCS61D		2514801	Chlorobenzene	102	78	118
	012110LCS61D		2514801	Chloroethane	100	51	133

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	012110LCS61D	WATER	2514801	Chloroform	104	78	118
	012110LCS61D		2514801	Chloromethane	104	46	142
	012110LCS61D		2514801	Cis-1,2-DCE	104	75	115
	012110LCS61D		2514801	cis-1,3-Dichloropropene	109	76	113
	012110LCS61D		2514801	Dibromochloromethane	104	76	116
	012110LCS61D		2514801	Dibromomethane	104	77	117
	012110LCS61D		2514801	Dichlorodifluoromethane	108	56	140
	012110LCS61D		2514801	Ethylbenzene	103	78	118
	012110LCS61D		2514801	Hexachlorobutadiene	90	73	123
	012110LCS61D		2514801	Isopropylbenzene	106	71	113
	012110LCS61D		2514801	m,p-Xylene	104	78	118
	012110LCS61D		2514801	Methyl tert-Butyl Ether	101	58	116
	012110LCS61D		2514801	Methylene chloride	108	71	119
	012110LCS61D		2514801	Naphthalene	91.5	62	121
	012110LCS61D		2514801	n-Butylbenzene	104	76	117
	012110LCS61D		2514801	n-Propylbenzene	104	76	116
	012110LCS61D		2514801	o-Xylene	104	77	117
	012110LCS61D		2514801	p-Isopropyltoluene	102	76	113
	012110LCS61D		2514801	Sec-Butylbenzene	104	80	120
	012110LCS61D		2514801	Styrene	106	77	117
	012110LCS61D		2514801	tert-Butylbenzene	102	76	116
	012110LCS61D		2514801	Tetrachloroethene	103	77	117
	012110LCS61D		2514801	Toluene	106	73	120
	012110LCS61D		2514801	trans-1,2-Dichloroethene	106	80	120
	012110LCS61D		2514801	trans-1,3-Dichloropropene	106	72	117
	012110LCS61D		2514801	Trichloroethene	106	78	122
	012110LCS61D		2514801	Trichlorofluoromethane	109	65	190
	012110LCS61D		2514801	Vinyl chloride	103	49	136
	012110LCS61D		2514801	Xylenes, Total	104	77	117
	0121LCS51		2514777	1,1,1,2-Tetrachloroethane	105	77	117
	0121LCS51		2514777	1,1,1-Trichloroethane	108	78	118
	0121LCS51		2514777	1,1,2,2-Tetrachloroethane	89.5	73	119
	0121LCS51		2514777	1,1,2-Trichloroethane	97	76	116
	0121LCS51		2514777	1,1-Dichloroethane	101	77	117
	0121LCS51		2514777	1,1-Dichloroethene	101	66	133
	0121LCS51		2514777	1,1-Dichloropropene	106	75	115
	0121LCS51		2514777	1,2,3-Trichlorobenzene	100	66	123
	0121LCS51		2514777	1,2,3-Trichloropropane	101	84	118
	0121LCS51		2514777	1,2,4-Trichlorobenzene	102	73	121
	0121LCS51		2514777	1,2,4-Trimethylbenzene	103	77	120
	0121LCS51		2514777	1,2-Dibromo-3-chloropropane	94	65	117
	0121LCS51		2514777	1,2-Dibromoethane	103	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0121LCS51	WATER	2514777	1,2-Dichlorobenzene	102	76	116
	0121LCS51		2514777	1,2-Dichloroethane	98	74	120
	0121LCS51		2514777	1,2-Dichloropropane	97	76	116
	0121LCS51		2514777	1,3,5-Trimethylbenzene	104	77	117
	0121LCS51		2514777	1,3-Dichlorobenzene	104	75	115
	0121LCS51		2514777	1,3-Dichloropropane	102	75	115
	0121LCS51		2514777	1,4-Dichlorobenzene	101	77	117
	0121LCS51		2514777	2,2-Dichloropropane	111	72	128
	0121LCS51		2514777	2-Butanone	98.8	57	120
	0121LCS51		2514777	2-Chlorotoluene	102	76	116
	0121LCS51		2514777	2-Hexanone	93	57	121
	0121LCS51		2514777	4-Chlorotoluene	103	78	118
	0121LCS51		2514777	4-Methyl-2-Pentanone	86.8	65	118
	0121LCS51		2514777	Acetone	102	48	130
	0121LCS51		2514777	Benzene	99.5	77	118
	0121LCS51		2514777	Bromobenzene	103	75	115
	0121LCS51		2514777	Bromochloromethane	97.5	78	118
	0121LCS51		2514777	Bromodichloromethane	100	78	118
	0121LCS51		2514777	Bromoform	103	74	121
	0121LCS51		2514777	Bromomethane	114	42	154
	0121LCS51		2514777	Carbon Disulfide	100	56	104
	0121LCS51		2514777	Carbon tetrachloride	112	80	120
	0121LCS51		2514777	Chlorobenzene	104	78	118
	0121LCS51		2514777	Chloroethane	99.5	51	133
	0121LCS51		2514777	Chloroform	99.5	78	118
	0121LCS51		2514777	Chloromethane	94.5	46	142
	0121LCS51		2514777	Cis-1,2-DCE	97.5	75	115
	0121LCS51		2514777	cis-1,3-Dichloropropene	103	76	113
	0121LCS51		2514777	Dibromochloromethane	106	76	116
	0121LCS51		2514777	Dibromomethane	100	77	117
	0121LCS51		2514777	Dichlorodifluoromethane	82	56	140
	0121LCS51		2514777	Ethylbenzene	105	78	118
	0121LCS51		2514777	Hexachlorobutadiene	112	73	123
	0121LCS51		2514777	Isopropylbenzene	106	71	113
	0121LCS51		2514777	m,p-Xylene	104	78	118
	0121LCS51		2514777	Methyl tert-Butyl Ether	100	58	116
	0121LCS51		2514777	Methylene chloride	104	71	119
	0121LCS51		2514777	Naphthalene	98	62	121
	0121LCS51		2514777	n-Butylbenzene	108	76	117
	0121LCS51		2514777	n-Propylbenzene	106	76	116
	0121LCS51		2514777	o-Xylene	104	77	117
	0121LCS51		2514777	p-Isopropyltoluene	108	76	113

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0121LCS51	WATER	2514777	Sec-Butylbenzene	107	80	120
	0121LCS51		2514777	Styrene	106	77	117
	0121LCS51		2514777	tert-Butylbenzene	108	76	116
	0121LCS51		2514777	Tetrachloroethene	108	77	117
	0121LCS51		2514777	Toluene	100	73	120
	0121LCS51		2514777	trans-1,2-Dichloroethene	104	80	120
	0121LCS51		2514777	trans-1,3-Dichloropropene	104	72	117
	0121LCS51		2514777	Trichloroethene	104	78	122
	0121LCS51		2514777	Trichlorofluoromethane	109	65	190
	0121LCS51		2514777	Vinyl chloride	101	49	136
	0121LCS51		2514777	Xylenes, Total	104	77	117
	0121LCS51D		2514777	1,1,1,2-Tetrachloroethane	104	77	117
	0121LCS51D		2514777	1,1,1-Trichloroethane	106	78	118
	0121LCS51D		2514777	1,1,2,2-Tetrachloroethane	92.5	73	119
	0121LCS51D		2514777	1,1,2-Trichloroethane	102	76	116
	0121LCS51D		2514777	1,1-Dichloroethane	100	77	117
	0121LCS51D		2514777	1,1-Dichloroethene	98.5	66	133
	0121LCS51D		2514777	1,1-Dichloropropene	103	75	115
	0121LCS51D		2514777	1,2,3-Trichlorobenzene	96	66	123
	0121LCS51D		2514777	1,2,3-Trichloropropane	100	84	118
	0121LCS51D		2514777	1,2,4-Trichlorobenzene	98.5	73	121
	0121LCS51D		2514777	1,2,4-Trimethylbenzene	100	77	120
	0121LCS51D		2514777	1,2-Dibromo-3-chloropropane	92	65	117
	0121LCS51D		2514777	1,2-Dibromoethane	103	77	117
	0121LCS51D		2514777	1,2-Dichlorobenzene	99.5	76	116
	0121LCS51D		2514777	1,2-Dichloroethane	102	74	120
	0121LCS51D		2514777	1,2-Dichloropropane	100	76	116
	0121LCS51D		2514777	1,3,5-Trimethylbenzene	102	77	117
	0121LCS51D		2514777	1,3-Dichlorobenzene	100	75	115
	0121LCS51D		2514777	1,3-Dichloropropane	102	75	115
	0121LCS51D		2514777	1,4-Dichlorobenzene	98	77	117
	0121LCS51D		2514777	2,2-Dichloropropane	108	72	128
	0121LCS51D		2514777	2-Butanone	94.5	57	120
	0121LCS51D		2514777	2-Chlorotoluene	98.5	76	116
	0121LCS51D		2514777	2-Hexanone	91	57	121
	0121LCS51D		2514777	4-Chlorotoluene	99	78	118
	0121LCS51D		2514777	4-Methyl-2-Pentanone	89.2	65	118
	0121LCS51D		2514777	Acetone	102	48	130
	0121LCS51D		2514777	Benzene	99	77	118
	0121LCS51D		2514777	Bromobenzene	102	75	115
	0121LCS51D		2514777	Bromochloromethane	99	78	118
	0121LCS51D		2514777	Bromodichloromethane	102	78	118

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0121LCS51D	WATER	2514777	Bromoform	102	74	121
	0121LCS51D		2514777	Bromomethane	113	42	154
	0121LCS51D		2514777	Carbon Disulfide	96.5	56	104
	0121LCS51D		2514777	Carbon tetrachloride	108	80	120
	0121LCS51D		2514777	Chlorobenzene	101	78	118
	0121LCS51D		2514777	Chloroethane	102	51	133
	0121LCS51D		2514777	Chloroform	99	78	118
	0121LCS51D		2514777	Chloromethane	93	46	142
	0121LCS51D		2514777	Cis-1,2-DCE	101	75	115
	0121LCS51D		2514777	cis-1,3-Dichloropropene	106	76	113
	0121LCS51D		2514777	Dibromochloromethane	104	76	116
	0121LCS51D		2514777	Dibromomethane	102	77	117
	0121LCS51D		2514777	Dichlorodifluoromethane	76	56	140
	0121LCS51D		2514777	Ethylbenzene	102	78	118
	0121LCS51D		2514777	Hexachlorobutadiene	104	73	123
	0121LCS51D		2514777	Isopropylbenzene	104	71	113
	0121LCS51D		2514777	m,p-Xylene	101	78	118
	0121LCS51D		2514777	Methyl tert-Butyl Ether	106	58	116
	0121LCS51D		2514777	Methylene chloride	106	71	119
	0121LCS51D		2514777	Naphthalene	96.5	62	121
	0121LCS51D		2514777	n-Butylbenzene	101	76	117
	0121LCS51D		2514777	n-Propylbenzene	100	76	116
	0121LCS51D		2514777	o-Xylene	101	77	117
	0121LCS51D		2514777	p-Isopropyltoluene	102	76	113
	0121LCS51D		2514777	Sec-Butylbenzene	102	80	120
	0121LCS51D		2514777	Styrene	104	77	117
	0121LCS51D		2514777	tert-Butylbenzene	102	76	116
	0121LCS51D		2514777	Tetrachloroethene	102	77	117
	0121LCS51D		2514777	Toluene	100	73	120
	0121LCS51D		2514777	trans-1,2-Dichloroethene	102	80	120
	0121LCS51D		2514777	trans-1,3-Dichloropropene	106	72	117
	0121LCS51D		2514777	Trichloroethene	103	78	122
	0121LCS51D		2514777	Trichlorofluoromethane	106	65	190
	0121LCS51D		2514777	Vinyl chloride	95	49	136
	0121LCS51D		2514777	Xylenes, Total	101	77	117
	012210LCSA31		2514801	1,1,1,2-Tetrachloroethane	102	77	117
	012210LCSA31		2514801	1,1,1-Trichloroethane	98	78	118
	012210LCSA31		2514801	1,1,2,2-Tetrachloroethane	92	73	119
	012210LCSA31		2514801	1,1,2-Trichloroethane	99	76	116
	012210LCSA31		2514801	1,1-Dichloroethane	100	77	117
	012210LCSA31		2514801	1,1-Dichloroethene	96	66	133
	012210LCSA31		2514801	1,1-Dichloropropene	102	75	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	012210LCSA31	WATER	2514801	1,2,3-Trichlorobenzene	106	66	123
	012210LCSA31		2514801	1,2,3-Trichloropropane	91	84	118
	012210LCSA31		2514801	1,2,4-Trichlorobenzene	102	73	121
	012210LCSA31		2514801	1,2,4-Trimethylbenzene	95	77	120
	012210LCSA31		2514801	1,2-Dibromo-3-chloropropane	100	65	117
	012210LCSA31		2514801	1,2-Dibromoethane	98.5	77	117
	012210LCSA31		2514801	1,2-Dichlorobenzene	92.5	76	116
	012210LCSA31		2514801	1,2-Dichloroethane	100	74	120
	012210LCSA31		2514801	1,2-Dichloropropane	98.5	76	116
	012210LCSA31		2514801	1,3,5-Trimethylbenzene	94	77	117
	012210LCSA31		2514801	1,3-Dichlorobenzene	94	75	115
	012210LCSA31		2514801	1,3-Dichloropropane	92	75	115
	012210LCSA31		2514801	1,4-Dichlorobenzene	93.5	77	117
	012210LCSA31		2514801	2,2-Dichloropropane	90.5	72	128
	012210LCSA31		2514801	2-Butanone	118	57	120
	012210LCSA31		2514801	2-Chlorotoluene	92	76	116
	012210LCSA31		2514801	2-Hexanone	106	57	121
	012210LCSA31		2514801	4-Chlorotoluene	91.5	78	118
	012210LCSA31		2514801	4-Methyl-2-Pentanone	105	65	118
	012210LCSA31		2514801	**Acetone**	**132**	**48**	**130**
	012210LCSA31		2514801	Benzene	97.5	77	118
	012210LCSA31		2514801	Bromobenzene	91.5	75	115
	012210LCSA31		2514801	Bromochloromethane	102	78	118
	012210LCSA31		2514801	Bromodichloromethane	99	78	118
	012210LCSA31		2514801	Bromoform	104	74	121
	012210LCSA31		2514801	Bromomethane	97	42	154
	012210LCSA31		2514801	Carbon Disulfide	92.5	56	104
	012210LCSA31		2514801	Carbon tetrachloride	112	80	120
	012210LCSA31		2514801	Chlorobenzene	92	78	118
	012210LCSA31		2514801	Chloroethane	74.5	51	133
	012210LCSA31		2514801	Chloroform	96	78	118
	012210LCSA31		2514801	Chloromethane	93.5	46	142
	012210LCSA31		2514801	Cis-1,2-DCE	103	75	115
	012210LCSA31		2514801	cis-1,3-Dichloropropene	112	76	113
	012210LCSA31		2514801	Dibromochloromethane	102	76	116
	012210LCSA31		2514801	Dibromomethane	104	77	117
	012210LCSA31		2514801	Dichlorodifluoromethane	85	56	140
	012210LCSA31		2514801	Ethylbenzene	94	78	118
	012210LCSA31		2514801	Hexachlorobutadiene	92	73	123
	012210LCSA31		2514801	Isopropylbenzene	94	71	113
	012210LCSA31		2514801	m,p-Xylene	90	78	118
	012210LCSA31		2514801	Methyl tert-Butyl Ether	83.5	58	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	012210LCSA31	WATER	2514801	Methylene chloride	110	71	119
	012210LCSA31		2514801	Naphthalene	105	62	121
	012210LCSA31		2514801	n-Butylbenzene	96	76	117
	012210LCSA31		2514801	n-Propylbenzene	94	76	116
	012210LCSA31		2514801	o-Xylene	91.5	77	117
	012210LCSA31		2514801	p-Isopropyltoluene	94.5	76	113
	012210LCSA31		2514801	Sec-Butylbenzene	93.5	80	120
	012210LCSA31		2514801	Styrene	94	77	117
	012210LCSA31		2514801	tert-Butylbenzene	96	76	116
	012210LCSA31		2514801	Tetrachloroethene	94.5	77	117
	012210LCSA31		2514801	Toluene	100	73	120
	012210LCSA31		2514801	trans-1,2-Dichloroethene	97.5	80	120
	012210LCSA31		2514801	trans-1,3-Dichloropropene	97	72	117
	012210LCSA31		2514801	Trichloroethene	98	78	122
	012210LCSA31		2514801	Trichlorofluoromethane	91.5	65	190
	012210LCSA31		2514801	Vinyl chloride	84.5	49	136
	012210LCSA31		2514801	Xylenes, Total	90.3	77	117
	0128LCS52		2514824	1,1,1,2-Tetrachloroethane	100	77	117
	0128LCS52		2514824	1,1,1-Trichloroethane	101	78	118
	0128LCS52		2514824	1,1,2,2-Tetrachloroethane	88.5	73	119
	0128LCS52		2514824	1,1,2-Trichloroethane	94.5	76	116
	0128LCS52		2514824	1,1-Dichloroethane	101	77	117
	0128LCS52		2514824	1,1-Dichloroethene	100	66	133
	0128LCS52		2514824	1,1-Dichloropropene	108	75	115
	0128LCS52		2514824	1,2,3-Trichlorobenzene	105	66	123
	0128LCS52		2514824	1,2,3-Trichloropropane	91.5	84	118
	0128LCS52		2514824	1,2,4-Trichlorobenzene	108	73	121
	0128LCS52		2514824	1,2,4-Trimethylbenzene	110	77	120
	0128LCS52		2514824	1,2-Dibromo-3-chloropropane	80.5	65	117
	0128LCS52		2514824	1,2-Dibromoethane	95	77	117
	0128LCS52		2514824	1,2-Dichlorobenzene	105	76	116
	0128LCS52		2514824	1,2-Dichloroethane	90	74	120
	0128LCS52		2514824	1,2-Dichloropropane	100	76	116
	0128LCS52		2514824	1,3,5-Trimethylbenzene	112	77	117
	0128LCS52		2514824	1,3-Dichlorobenzene	108	75	115
	0128LCS52		2514824	1,3-Dichloropropane	94	75	115
	0128LCS52		2514824	1,4-Dichlorobenzene	104	77	117
	0128LCS52		2514824	2,2-Dichloropropane	106	72	128
	0128LCS52		2514824	2-Butanone	91	57	120
	0128LCS52		2514824	2-Chlorotoluene	108	76	116
	0128LCS52		2514824	2-Hexanone	92.5	57	121
	0128LCS52		2514824	4-Chlorotoluene	107	78	118

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0128LCS52	WATER	2514824	4-Methyl-2-Pentanone	83	65	118
	0128LCS52		2514824	Acetone	115	48	130
	0128LCS52		2514824	Benzene	101	77	118
	0128LCS52		2514824	Bromobenzene	104	75	115
	0128LCS52		2514824	Bromochloromethane	96.5	78	118
	0128LCS52		2514824	Bromodichloromethane	97	78	118
	0128LCS52		2514824	Bromoform	88.5	74	121
	0128LCS52		2514824	Bromomethane	102	42	154
	0128LCS52		2514824	Carbon Disulfide	104	56	104
	0128LCS52		2514824	Carbon tetrachloride	100	80	120
	0128LCS52		2514824	Chlorobenzene	104	78	118
	0128LCS52		2514824	Chloroethane	103	51	133
	0128LCS52		2514824	Chloroform	95	78	118
	0128LCS52		2514824	Chloromethane	101	46	142
	0128LCS52		2514824	Cis-1,2-DCE	103	75	115
	0128LCS52		2514824	cis-1,3-Dichloropropene	102	76	113
	0128LCS52		2514824	Dibromochloromethane	97	76	116
	0128LCS52		2514824	Dibromomethane	93	77	117
	0128LCS52		2514824	Dichlorodifluoromethane	91	56	140
	0128LCS52		2514824	Ethylbenzene	109	78	118
	0128LCS52		2514824	Hexachlorobutadiene	111	73	123
	0128LCS52		2514824	Isopropylbenzene	112	71	113
	0128LCS52		2514824	m,p-Xylene	106	78	118
	0128LCS52		2514824	Methyl tert-Butyl Ether	91	58	116
	0128LCS52		2514824	Methylene chloride	101	71	119
	0128LCS52		2514824	Naphthalene	87.5	62	121
	0128LCS52		2514824	n-Butylbenzene	116	76	117
	0128LCS52		2514824	n-Propylbenzene	114	76	116
	0128LCS52		2514824	o-Xylene	104	77	117
	0128LCS52		2514824	**p-Isopropyltoluene**	**114**	**76**	**113**
	0128LCS52		2514824	Sec-Butylbenzene	116	80	120
	0128LCS52		2514824	Styrene	108	77	117
	0128LCS52		2514824	tert-Butylbenzene	114	76	116
	0128LCS52		2514824	Tetrachloroethene	113	77	117
	0128LCS52		2514824	Toluene	104	73	120
	0128LCS52		2514824	trans-1,2-Dichloroethene	102	80	120
	0128LCS52		2514824	trans-1,3-Dichloropropene	97	72	117
	0128LCS52		2514824	Trichloroethene	106	78	122
	0128LCS52		2514824	Trichlorofluoromethane	103	65	190
	0128LCS52		2514824	Vinyl chloride	104	49	136
	0128LCS52		2514824	Xylenes, Total	105	77	117
	0128LCS52D		2514824	1,1,1,2-Tetrachloroethane	98	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0128LCS52D	WATER	2514824	1,1,1-Trichloroethane	98	78	118
	0128LCS52D		2514824	1,1,2,2-Tetrachloroethane	90.5	73	119
	0128LCS52D		2514824	1,1,2-Trichloroethane	95.5	76	116
	0128LCS52D		2514824	1,1-Dichloroethane	97.5	77	117
	0128LCS52D		2514824	1,1-Dichloroethene	99	66	133
	0128LCS52D		2514824	1,1-Dichloropropene	103	75	115
	0128LCS52D		2514824	1,2,3-Trichlorobenzene	93	66	123
	0128LCS52D		2514824	1,2,3-Trichloropropane	90	84	118
	0128LCS52D		2514824	1,2,4-Trichlorobenzene	104	73	121
	0128LCS52D		2514824	1,2,4-Trimethylbenzene	104	77	120
	0128LCS52D		2514824	1,2-Dibromo-3-chloropropane	87	65	117
	0128LCS52D		2514824	1,2-Dibromoethane	95	77	117
	0128LCS52D		2514824	1,2-Dichlorobenzene	100	76	116
	0128LCS52D		2514824	1,2-Dichloroethane	89	74	120
	0128LCS52D		2514824	1,2-Dichloropropane	98.5	76	116
	0128LCS52D		2514824	1,3,5-Trimethylbenzene	106	77	117
	0128LCS52D		2514824	1,3-Dichlorobenzene	102	75	115
	0128LCS52D		2514824	1,3-Dichloropropane	94	75	115
	0128LCS52D		2514824	1,4-Dichlorobenzene	98.5	77	117
	0128LCS52D		2514824	2,2-Dichloropropane	100	72	128
	0128LCS52D		2514824	2-Butanone	94	57	120
	0128LCS52D		2514824	2-Chlorotoluene	100	76	116
	0128LCS52D		2514824	2-Hexanone	95	57	121
	0128LCS52D		2514824	4-Chlorotoluene	103	78	118
	0128LCS52D		2514824	4-Methyl-2-Pentanone	89.2	65	118
	0128LCS52D		2514824	Acetone	111	48	130
	0128LCS52D		2514824	Benzene	98	77	118
	0128LCS52D		2514824	Bromobenzene	99.5	75	115
	0128LCS52D		2514824	Bromochloromethane	92.5	78	118
	0128LCS52D		2514824	Bromodichloromethane	94.5	78	118
	0128LCS52D		2514824	Bromoform	94	74	121
	0128LCS52D		2514824	Bromomethane	96	42	154
	0128LCS52D		2514824	Carbon Disulfide	102	56	104
	0128LCS52D		2514824	Carbon tetrachloride	97.5	80	120
	0128LCS52D		2514824	Chlorobenzene	99.5	78	118
	0128LCS52D		2514824	Chloroethane	102	51	133
	0128LCS52D		2514824	Chloroform	90	78	118
	0128LCS52D		2514824	Chloromethane	96	46	142
	0128LCS52D		2514824	Cis-1,2-DCE	95.5	75	115
	0128LCS52D		2514824	cis-1,3-Dichloropropene	99.5	76	113
	0128LCS52D		2514824	Dibromochloromethane	98	76	116
	0128LCS52D		2514824	Dibromomethane	93.5	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0128LCS52D	WATER	2514824	Dichlorodifluoromethane	87	56	140
	0128LCS52D		2514824	Ethylbenzene	104	78	118
	0128LCS52D		2514824	Hexachlorobutadiene	108	73	123
	0128LCS52D		2514824	Isopropylbenzene	106	71	113
	0128LCS52D		2514824	m,p-Xylene	102	78	118
	0128LCS52D		2514824	Methyl tert-Butyl Ether	93.5	58	116
	0128LCS52D		2514824	Methylene chloride	101	71	119
	0128LCS52D		2514824	Naphthalene	90.5	62	121
	0128LCS52D		2514824	n-Butylbenzene	110	76	117
	0128LCS52D		2514824	n-Propylbenzene	108	76	116
	0128LCS52D		2514824	o-Xylene	99	77	117
	0128LCS52D		2514824	p-Isopropyltoluene	108	76	113
	0128LCS52D		2514824	Sec-Butylbenzene	108	80	120
	0128LCS52D		2514824	Styrene	105	77	117
	0128LCS52D		2514824	tert-Butylbenzene	108	76	116
	0128LCS52D		2514824	Tetrachloroethene	106	77	117
	0128LCS52D		2514824	Toluene	99.5	73	120
	0128LCS52D		2514824	trans-1,2-Dichloroethene	97.5	80	120
	0128LCS52D		2514824	trans-1,3-Dichloropropene	98	72	117
	0128LCS52D		2514824	Trichloroethene	99.5	78	122
	0128LCS52D		2514824	Trichlorofluoromethane	101	65	190
	0128LCS52D		2514824	Vinyl chloride	100	49	136
	0128LCS52D		2514824	Xylenes, Total	101	77	117
	0129LCS52		2514835	1,1,1,2-Tetrachloroethane	106	77	117
	0129LCS52		2514835	1,1,1-Trichloroethane	103	78	118
	0129LCS52		2514835	1,1,2,2-Tetrachloroethane	94.5	73	119
	0129LCS52		2514835	1,1,2-Trichloroethane	95	76	116
	0129LCS52		2514835	1,1-Dichloroethane	87.5	77	117
	0129LCS52		2514835	1,1-Dichloroethene	104	66	133
	0129LCS52		2514835	1,1-Dichloropropene	108	75	115
	0129LCS52		2514835	1,2,3-Trichlorobenzene	94	66	123
	0129LCS52		2514835	1,2,3-Trichloropropane	95.5	84	118
	0129LCS52		2514835	1,2,4-Trichlorobenzene	105	73	121
	0129LCS52		2514835	1,2,4-Trimethylbenzene	110	77	120
	0129LCS52		2514835	1,2-Dibromo-3-chloropropane	86.5	65	117
	0129LCS52		2514835	1,2-Dibromoethane	100	77	117
	0129LCS52		2514835	1,2-Dichlorobenzene	104	76	116
	0129LCS52		2514835	1,2-Dichloroethane	92.5	74	120
	0129LCS52		2514835	1,2-Dichloropropane	100	76	116
	0129LCS52		2514835	1,3,5-Trimethylbenzene	111	77	117
	0129LCS52		2514835	1,3-Dichlorobenzene	105	75	115
	0129LCS52		2514835	1,3-Dichloropropane	99	75	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0129LCS52	WATER	2514835	1,4-Dichlorobenzene	102	77	117
	0129LCS52		2514835	2,2-Dichloropropane	107	72	128
	0129LCS52		2514835	2-Butanone	109	57	120
	0129LCS52		2514835	2-Chlorotoluene	108	76	116
	0129LCS52		2514835	2-Hexanone	112	57	121
	0129LCS52		2514835	4-Chlorotoluene	104	78	118
	0129LCS52		2514835	4-Methyl-2-Pentanone	91.8	65	118
	0129LCS52		2514835	Acetone	124	48	130
	0129LCS52		2514835	Benzene	100	77	118
	0129LCS52		2514835	Bromobenzene	104	75	115
	0129LCS52		2514835	Bromochloromethane	96.5	78	118
	0129LCS52		2514835	Bromodichloromethane	97.5	78	118
	0129LCS52		2514835	Bromoform	95.5	74	121
	0129LCS52		2514835	Bromomethane	81	42	154
	0129LCS52		2514835	**Carbon Disulfide**	**105**	**56**	**104**
	0129LCS52		2514835	Carbon tetrachloride	103	80	120
	0129LCS52		2514835	Chlorobenzene	104	78	118
	0129LCS52		2514835	Chloroethane	87	51	133
	0129LCS52		2514835	Chloroform	96	78	118
	0129LCS52		2514835	Chloromethane	74.5	46	142
	0129LCS52		2514835	Cis-1,2-DCE	98	75	115
	0129LCS52		2514835	cis-1,3-Dichloropropene	100	76	113
	0129LCS52		2514835	Dibromochloromethane	99.5	76	116
	0129LCS52		2514835	Dibromomethane	95	77	117
	0129LCS52		2514835	Dichlorodifluoromethane	89.5	56	140
	0129LCS52		2514835	Ethylbenzene	107	78	118
	0129LCS52		2514835	Hexachlorobutadiene	110	73	123
	0129LCS52		2514835	**Isopropylbenzene**	**114**	**71**	**113**
	0129LCS52		2514835	m,p-Xylene	105	78	118
	0129LCS52		2514835	Methyl tert-Butyl Ether	95.5	58	116
	0129LCS52		2514835	Methylene chloride	96.5	71	119
	0129LCS52		2514835	Naphthalene	91	62	121
	0129LCS52		2514835	n-Butylbenzene	117	76	117
	0129LCS52		2514835	n-Propylbenzene	112	76	116
	0129LCS52		2514835	o-Xylene	104	77	117
	0129LCS52		2514835	**p-Isopropyltoluene**	**114**	**76**	**113**
	0129LCS52		2514835	Sec-Butylbenzene	114	80	120
	0129LCS52		2514835	Styrene	106	77	117
	0129LCS52		2514835	tert-Butylbenzene	112	76	116
	0129LCS52		2514835	Tetrachloroethene	112	77	117
	0129LCS52		2514835	Toluene	102	73	120
	0129LCS52		2514835	trans-1,2-Dichloroethene	103	80	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0129LCS52	WATER	2514835	trans-1,3-Dichloropropene	99.5	72	117
	0129LCS52		2514835	Trichloroethene	104	78	122
	0129LCS52		2514835	Trichlorofluoromethane	104	65	190
	0129LCS52		2514835	Vinyl chloride	98.5	49	136
	0129LCS52		2514835	Xylenes, Total	104	77	117
	0129LCS52D		2514835	1,1,1,2-Tetrachloroethane	98	77	117
	0129LCS52D		2514835	1,1,1-Trichloroethane	102	78	118
	0129LCS52D		2514835	1,1,2,2-Tetrachloroethane	94.5	73	119
	0129LCS52D		2514835	1,1,2-Trichloroethane	99	76	116
	0129LCS52D		2514835	1,1-Dichloroethane	98	77	117
	0129LCS52D		2514835	1,1-Dichloroethene	100	66	133
	0129LCS52D		2514835	1,1-Dichloropropene	104	75	115
	0129LCS52D		2514835	1,2,3-Trichlorobenzene	108	66	123
	0129LCS52D		2514835	1,2,3-Trichloropropane	97.5	84	118
	0129LCS52D		2514835	1,2,4-Trichlorobenzene	106	73	121
	0129LCS52D		2514835	1,2,4-Trimethylbenzene	102	77	120
	0129LCS52D		2514835	1,2-Dibromo-3-chloropropane	96	65	117
	0129LCS52D		2514835	1,2-Dibromoethane	98	77	117
	0129LCS52D		2514835	1,2-Dichlorobenzene	100	76	116
	0129LCS52D		2514835	1,2-Dichloroethane	88	74	120
	0129LCS52D		2514835	1,2-Dichloropropane	96.5	76	116
	0129LCS52D		2514835	1,3,5-Trimethylbenzene	104	77	117
	0129LCS52D		2514835	1,3-Dichlorobenzene	100	75	115
	0129LCS52D		2514835	1,3-Dichloropropane	97.5	75	115
	0129LCS52D		2514835	1,4-Dichlorobenzene	97.5	77	117
	0129LCS52D		2514835	2,2-Dichloropropane	104	72	128
	0129LCS52D		2514835	2-Butanone	112	57	120
	0129LCS52D		2514835	2-Chlorotoluene	102	76	116
	0129LCS52D		2514835	2-Hexanone	108	57	121
	0129LCS52D		2514835	4-Chlorotoluene	102	78	118
	0129LCS52D		2514835	4-Methyl-2-Pentanone	95	65	118
	0129LCS52D		2514835	Acetone	128	48	130
	0129LCS52D		2514835	Benzene	97	77	118
	0129LCS52D		2514835	Bromobenzene	99	75	115
	0129LCS52D		2514835	Bromochloromethane	96	78	118
	0129LCS52D		2514835	Bromodichloromethane	96	78	118
	0129LCS52D		2514835	Bromoform	94.5	74	121
	0129LCS52D		2514835	Bromomethane	94.5	42	154
	0129LCS52D		2514835	Carbon Disulfide	99	56	104
	0129LCS52D		2514835	Carbon tetrachloride	102	80	120
	0129LCS52D		2514835	Chlorobenzene	99.5	78	118
	0129LCS52D		2514835	Chloroethane	96	51	133

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0129LCS52D	WATER	2514835	Chloroform	92.5	78	118
	0129LCS52D		2514835	Chloromethane	97	46	142
	0129LCS52D		2514835	Cis-1,2-DCE	98	75	115
	0129LCS52D		2514835	cis-1,3-Dichloropropene	100	76	113
	0129LCS52D		2514835	Dibromochloromethane	100	76	116
	0129LCS52D		2514835	Dibromomethane	96.5	77	117
	0129LCS52D		2514835	Dichlorodifluoromethane	93	56	140
	0129LCS52D		2514835	Ethylbenzene	104	78	118
	0129LCS52D		2514835	Hexachlorobutadiene	108	73	123
	0129LCS52D		2514835	Isopropylbenzene	108	71	113
	0129LCS52D		2514835	m,p-Xylene	100	78	118
	0129LCS52D		2514835	Methyl tert-Butyl Ether	98	58	116
	0129LCS52D		2514835	Methylene chloride	99	71	119
	0129LCS52D		2514835	Naphthalene	95.5	62	121
	0129LCS52D		2514835	n-Butylbenzene	110	76	117
	0129LCS52D		2514835	n-Propylbenzene	106	76	116
	0129LCS52D		2514835	o-Xylene	100	77	117
	0129LCS52D		2514835	p-Isopropyltoluene	108	76	113
	0129LCS52D		2514835	Sec-Butylbenzene	108	80	120
	0129LCS52D		2514835	Styrene	102	77	117
	0129LCS52D		2514835	tert-Butylbenzene	106	76	116
	0129LCS52D		2514835	Tetrachloroethene	104	77	117
	0129LCS52D		2514835	Toluene	98.5	73	120
	0129LCS52D		2514835	trans-1,2-Dichloroethene	98	80	120
	0129LCS52D		2514835	trans-1,3-Dichloropropene	100	72	117
	0129LCS52D		2514835	Trichloroethene	101	78	122
	0129LCS52D		2514835	Trichlorofluoromethane	104	65	190
	0129LCS52D		2514835	Vinyl chloride	100	49	136
	0129LCS52D		2514835	Xylenes, Total	100	77	117
	0130LCS53		2514809	1,1,1,2-Tetrachloroethane	85	77	117
	0130LCS53		2514809	1,1,1-Trichloroethane	85	78	118
	0130LCS53		2514809	1,1,2,2-Tetrachloroethane	78.5	73	119
	0130LCS53		2514809	1,1,2-Trichloroethane	83	76	116
	0130LCS53		2514809	1,1-Dichloroethane	85.5	77	117
	0130LCS53		2514809	1,1-Dichloroethene	83	66	133
	0130LCS53		2514809	1,1-Dichloropropene	88.5	75	115
	0130LCS53		2514809	1,2,3-Trichlorobenzene	88.5	66	123
	0130LCS53		2514809	1,2,3-Trichloropropane	86	84	118
	0130LCS53		2514809	1,2,4-Trichlorobenzene	85.5	73	121
	0130LCS53		2514809	1,2,4-Trimethylbenzene	88	77	120
	0130LCS53		2514809	1,2-Dibromo-3-chloropropane	74	65	117
	0130LCS53		2514809	1,2-Dibromoethane	82	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0130LCS53	WATER	2514809	1,2-Dichlorobenzene	84.5	76	116
	0130LCS53		2514809	1,2-Dichloroethane	78.5	74	120
	0130LCS53		2514809	1,2-Dichloropropane	86	76	116
	0130LCS53		2514809	1,3,5-Trimethylbenzene	89	77	117
	0130LCS53		2514809	1,3-Dichlorobenzene	85	75	115
	0130LCS53		2514809	1,3-Dichloropropane	83	75	115
	0130LCS53		2514809	1,4-Dichlorobenzene	84	77	117
	0130LCS53		2514809	2,2-Dichloropropane	81.5	72	128
	0130LCS53		2514809	2-Butanone	74.5	57	120
	0130LCS53		2514809	2-Chlorotoluene	86.5	76	116
	0130LCS53		2514809	2-Hexanone	78.8	57	121
	0130LCS53		2514809	4-Chlorotoluene	87	78	118
	0130LCS53		2514809	4-Methyl-2-Pentanone	79.8	65	118
	0130LCS53		2514809	Acetone	83.2	48	130
	0130LCS53		2514809	Benzene	85	77	118
	0130LCS53		2514809	Bromobenzene	84.5	75	115
	0130LCS53		2514809	Bromochloromethane	85	78	118
	0130LCS53		2514809	Bromodichloromethane	85.5	78	118
	0130LCS53		2514809	Bromoform	78	74	121
	0130LCS53		2514809	Bromomethane	95	42	154
	0130LCS53		2514809	Carbon Disulfide	86	56	104
	0130LCS53		2514809	Carbon tetrachloride	86.5	80	120
	0130LCS53		2514809	Chlorobenzene	85	78	118
	0130LCS53		2514809	Chloroethane	73	51	133
	0130LCS53		2514809	Chloroform	82.5	78	118
	0130LCS53		2514809	Chloromethane	74	46	142
	0130LCS53		2514809	Cis-1,2-DCE	87.5	75	115
	0130LCS53		2514809	cis-1,3-Dichloropropene	85.5	76	113
	0130LCS53		2514809	Dibromochloromethane	83	76	116
	0130LCS53		2514809	Dibromomethane	85	77	117
	0130LCS53		2514809	Dichlorodifluoromethane	75	56	140
	0130LCS53		2514809	Ethylbenzene	87	78	118
	0130LCS53		2514809	Hexachlorobutadiene	87.5	73	123
	0130LCS53		2514809	Isopropylbenzene	89	71	113
	0130LCS53		2514809	m,p-Xylene	86	78	118
	0130LCS53		2514809	Methyl tert-Butyl Ether	83.5	58	116
	0130LCS53		2514809	Methylene chloride	88	71	119
	0130LCS53		2514809	Naphthalene	77	62	121
	0130LCS53		2514809	n-Butylbenzene	91	76	117
	0130LCS53		2514809	n-Propylbenzene	89	76	116
	0130LCS53		2514809	o-Xylene	87	77	117
	0130LCS53		2514809	p-Isopropyltoluene	89	76	113

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	0130LCS53	WATER	2514809	Sec-Butylbenzene	89.5	80	120
	0130LCS53		2514809	Styrene	89	77	117
	0130LCS53		2514809	tert-Butylbenzene	90	76	116
	0130LCS53		2514809	Tetrachloroethene	88.5	77	117
	0130LCS53		2514809	Toluene	88	73	120
	0130LCS53		2514809	trans-1,2-Dichloroethene	85.5	80	120
	0130LCS53		2514809	trans-1,3-Dichloropropene	82.5	72	117
	0130LCS53		2514809	Trichloroethene	89	78	122
	0130LCS53		2514809	Trichlorofluoromethane	79.5	65	190
	0130LCS53		2514809	Vinyl chloride	75.5	49	136
	0130LCS53		2514809	Xylenes, Total	86.3	77	117
	020110LCSA31		2514823	1,1,1,2-Tetrachloroethane	104	77	117
	020110LCSA31		2514823	1,1,1-Trichloroethane	108	78	118
	020110LCSA31		2514823	1,1,2,2-Tetrachloroethane	98.5	73	119
	020110LCSA31		2514823	1,1,2-Trichloroethane	102	76	116
	020110LCSA31		2514823	1,1-Dichloroethane	99	77	117
	020110LCSA31		2514823	1,1-Dichloroethene	100	66	133
	020110LCSA31		2514823	1,1-Dichloropropene	110	75	115
	020110LCSA31		2514823	1,2,3-Trichlorobenzene	107	66	123
	020110LCSA31		2514823	1,2,3-Trichloropropane	100	84	118
	020110LCSA31		2514823	1,2,4-Trichlorobenzene	105	73	121
	020110LCSA31		2514823	1,2,4-Trimethylbenzene	105	77	120
	020110LCSA31		2514823	1,2-Dibromo-3-chloropropane	100	65	117
	020110LCSA31		2514823	1,2-Dibromoethane	100	77	117
	020110LCSA31		2514823	1,2-Dichlorobenzene	98.5	76	116
	020110LCSA31		2514823	1,2-Dichloroethane	100	74	120
	020110LCSA31		2514823	1,2-Dichloropropane	99	76	116
	020110LCSA31		2514823	1,3,5-Trimethylbenzene	106	77	117
	020110LCSA31		2514823	1,3-Dichlorobenzene	102	75	115
	020110LCSA31		2514823	1,3-Dichloropropane	99	75	115
	020110LCSA31		2514823	1,4-Dichlorobenzene	98.5	77	117
	020110LCSA31		2514823	2,2-Dichloropropane	114	72	128
	020110LCSA31		2514823	2-Butanone	112	57	120
	020110LCSA31		2514823	2-Chlorotoluene	103	76	116
	020110LCSA31		2514823	2-Hexanone	100	57	121
	020110LCSA31		2514823	4-Chlorotoluene	101	78	118
	020110LCSA31		2514823	4-Methyl-2-Pentanone	104	65	118
	020110LCSA31		2514823	Acetone	102	48	130
	020110LCSA31		2514823	Benzene	100	77	118
	020110LCSA31		2514823	Bromobenzene	100	75	115
	020110LCSA31		2514823	Bromochloromethane	102	78	118
	020110LCSA31		2514823	Bromodichloromethane	104	78	118

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020110LCSA31	WATER	2514823	Bromoform	105	74	121
	020110LCSA31		2514823	Bromomethane	102	42	154
	020110LCSA31		2514823	Carbon Disulfide	99.5	56	104
	020110LCSA31		2514823	Carbon tetrachloride	109	80	120
	020110LCSA31		2514823	Chlorobenzene	101	78	118
	020110LCSA31		2514823	Chloroethane	102	51	133
	020110LCSA31		2514823	Chloroform	99	78	118
	020110LCSA31		2514823	Chloromethane	102	46	142
	020110LCSA31		2514823	Cis-1,2-DCE	103	75	115
	020110LCSA31		2514823	cis-1,3-Dichloropropene	98	76	113
	020110LCSA31		2514823	Dibromochloromethane	103	76	116
	020110LCSA31		2514823	Dibromomethane	100	77	117
	020110LCSA31		2514823	Dichlorodifluoromethane	108	56	140
	020110LCSA31		2514823	Ethylbenzene	106	78	118
	020110LCSA31		2514823	Hexachlorobutadiene	103	73	123
	020110LCSA31		2514823	Isopropylbenzene	106	71	113
	020110LCSA31		2514823	m,p-Xylene	102	78	118
	020110LCSA31		2514823	Methyl tert-Butyl Ether	109	58	116
	020110LCSA31		2514823	Methylene chloride	106	71	119
	020110LCSA31		2514823	Naphthalene	98	62	121
	020110LCSA31		2514823	n-Butylbenzene	110	76	117
	020110LCSA31		2514823	n-Propylbenzene	108	76	116
	020110LCSA31		2514823	o-Xylene	107	77	117
	020110LCSA31		2514823	p-Isopropyltoluene	102	76	113
	020110LCSA31		2514823	Sec-Butylbenzene	110	80	120
	020110LCSA31		2514823	Styrene	99	77	117
	020110LCSA31		2514823	tert-Butylbenzene	110	76	116
	020110LCSA31		2514823	Tetrachloroethene	106	77	117
	020110LCSA31		2514823	Toluene	106	73	120
	020110LCSA31		2514823	trans-1,2-Dichloroethene	104	80	120
	020110LCSA31		2514823	trans-1,3-Dichloropropene	98.5	72	117
	020110LCSA31		2514823	Trichloroethene	104	78	122
	020110LCSA31		2514823	Trichlorofluoromethane	114	65	190
	020110LCSA31		2514823	Vinyl chloride	100	49	136
	020110LCSA31		2514823	Xylenes, Total	104	77	117
	020110LCSA31D		2514823	1,1,1,2-Tetrachloroethane	102	77	117
	020110LCSA31D		2514823	1,1,1-Trichloroethane	107	78	118
	020110LCSA31D		2514823	1,1,2,2-Tetrachloroethane	97	73	119
	020110LCSA31D		2514823	1,1,2-Trichloroethane	102	76	116
	020110LCSA31D		2514823	1,1-Dichloroethane	98	77	117
	020110LCSA31D		2514823	1,1-Dichloroethene	97.5	66	133
	020110LCSA31D		2514823	1,1-Dichloropropene	106	75	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020110LCSA31D	WATER	2514823	1,2,3-Trichlorobenzene	104	66	123
	020110LCSA31D		2514823	1,2,3-Trichloropropane	96.5	84	118
	020110LCSA31D		2514823	1,2,4-Trichlorobenzene	104	73	121
	020110LCSA31D		2514823	1,2,4-Trimethylbenzene	104	77	120
	020110LCSA31D		2514823	1,2-Dibromo-3-chloropropane	104	65	117
	020110LCSA31D		2514823	1,2-Dibromoethane	99.5	77	117
	020110LCSA31D		2514823	1,2-Dichlorobenzene	100	76	116
	020110LCSA31D		2514823	1,2-Dichloroethane	99.5	74	120
	020110LCSA31D		2514823	1,2-Dichloropropane	100	76	116
	020110LCSA31D		2514823	1,3,5-Trimethylbenzene	105	77	117
	020110LCSA31D		2514823	1,3-Dichlorobenzene	103	75	115
	020110LCSA31D		2514823	1,3-Dichloropropane	97	75	115
	020110LCSA31D		2514823	1,4-Dichlorobenzene	100	77	117
	020110LCSA31D		2514823	2,2-Dichloropropane	114	72	128
	020110LCSA31D		2514823	2-Butanone	116	57	120
	020110LCSA31D		2514823	2-Chlorotoluene	102	76	116
	020110LCSA31D		2514823	2-Hexanone	102	57	121
	020110LCSA31D		2514823	4-Chlorotoluene	104	78	118
	020110LCSA31D		2514823	4-Methyl-2-Pentanone	103	65	118
	020110LCSA31D		2514823	Acetone	116	48	130
	020110LCSA31D		2514823	Benzene	99	77	118
	020110LCSA31D		2514823	Bromobenzene	100	75	115
	020110LCSA31D		2514823	Bromochloromethane	97.5	78	118
	020110LCSA31D		2514823	Bromodichloromethane	103	78	118
	020110LCSA31D		2514823	Bromoform	103	74	121
	020110LCSA31D		2514823	Bromomethane	104	42	154
	020110LCSA31D		2514823	Carbon Disulfide	98	56	104
	020110LCSA31D		2514823	Carbon tetrachloride	106	80	120
	020110LCSA31D		2514823	Chlorobenzene	99	78	118
	020110LCSA31D		2514823	Chloroethane	102	51	133
	020110LCSA31D		2514823	Chloroform	98.5	78	118
	020110LCSA31D		2514823	Chloromethane	107	46	142
	020110LCSA31D		2514823	Cis-1,2-DCE	103	75	115
	020110LCSA31D		2514823	cis-1,3-Dichloropropene	97	76	113
	020110LCSA31D		2514823	Dibromochloromethane	104	76	116
	020110LCSA31D		2514823	Dibromomethane	103	77	117
	020110LCSA31D		2514823	Dichlorodifluoromethane	105	56	140
	020110LCSA31D		2514823	Ethylbenzene	103	78	118
	020110LCSA31D		2514823	Hexachlorobutadiene	105	73	123
	020110LCSA31D		2514823	Isopropylbenzene	104	71	113
	020110LCSA31D		2514823	m,p-Xylene	102	78	118
	020110LCSA31D		2514823	Methyl tert-Butyl Ether	107	58	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020110LCSA31D	WATER	2514823	Methylene chloride	108	71	119
	020110LCSA31D		2514823	Naphthalene	102	62	121
	020110LCSA31D		2514823	n-Butylbenzene	109	76	117
	020110LCSA31D		2514823	n-Propylbenzene	108	76	116
	020110LCSA31D		2514823	o-Xylene	106	77	117
	020110LCSA31D		2514823	p-Isopropyltoluene	102	76	113
	020110LCSA31D		2514823	Sec-Butylbenzene	108	80	120
	020110LCSA31D		2514823	Styrene	99	77	117
	020110LCSA31D		2514823	tert-Butylbenzene	110	76	116
	020110LCSA31D		2514823	Tetrachloroethene	104	77	117
	020110LCSA31D		2514823	Toluene	106	73	120
	020110LCSA31D		2514823	trans-1,2-Dichloroethene	102	80	120
	020110LCSA31D		2514823	trans-1,3-Dichloropropene	97.5	72	117
	020110LCSA31D		2514823	Trichloroethene	99.5	78	122
	020110LCSA31D		2514823	Trichlorofluoromethane	110	65	190
	020110LCSA31D		2514823	Vinyl chloride	99.5	49	136
	020110LCSA31D		2514823	Xylenes, Total	103	77	117
	020410LCSA31		2514890	1,1,1,2-Tetrachloroethane	108	77	117
	020410LCSA31		2514888	1,1,1,2-Tetrachloroethane	108	77	117
	020410LCSA31		2514863	1,1,1,2-Tetrachloroethane	108	77	117
	020410LCSA31		2514859	1,1,1,2-Tetrachloroethane	108	77	117
	020410LCSA31		2514888	1,1,1-Trichloroethane	111	78	118
	020410LCSA31		2514890	1,1,1-Trichloroethane	111	78	118
	020410LCSA31		2514859	1,1,1-Trichloroethane	111	78	118
	020410LCSA31		2514863	1,1,1-Trichloroethane	111	78	118
	020410LCSA31		2514890	1,1,2,2-Tetrachloroethane	99.5	73	119
	020410LCSA31		2514888	1,1,2,2-Tetrachloroethane	99.5	73	119
	020410LCSA31		2514859	1,1,2,2-Tetrachloroethane	99.5	73	119
	020410LCSA31		2514863	1,1,2,2-Tetrachloroethane	99.5	73	119
	020410LCSA31		2514888	1,1,2-Trichloroethane	102	76	116
	020410LCSA31		2514890	1,1,2-Trichloroethane	102	76	116
	020410LCSA31		2514863	1,1,2-Trichloroethane	102	76	116
	020410LCSA31		2514859	1,1,2-Trichloroethane	102	76	116
	020410LCSA31		2514888	1,1-Dichloroethane	102	77	117
	020410LCSA31		2514890	1,1-Dichloroethane	102	77	117
	020410LCSA31		2514863	1,1-Dichloroethane	102	77	117
	020410LCSA31		2514859	1,1-Dichloroethane	102	77	117
	020410LCSA31		2514888	1,1-Dichloroethene	102	66	133
	020410LCSA31		2514890	1,1-Dichloroethene	102	66	133
	020410LCSA31		2514863	1,1-Dichloroethene	102	66	133
	020410LCSA31		2514859	1,1-Dichloroethene	102	66	133
	020410LCSA31		2514888	1,1-Dichloropropene	110	75	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31	WATER	2514890	1,1-Dichloropropene	110	75	115
	020410LCSA31		2514863	1,1-Dichloropropene	110	75	115
	020410LCSA31		2514859	1,1-Dichloropropene	110	75	115
	020410LCSA31		2514890	1,2,3-Trichlorobenzene	105	66	123
	020410LCSA31		2514888	1,2,3-Trichlorobenzene	105	66	123
	020410LCSA31		2514859	1,2,3-Trichlorobenzene	105	66	123
	020410LCSA31		2514863	1,2,3-Trichlorobenzene	105	66	123
	020410LCSA31		2514890	1,2,3-Trichloropropane	101	84	118
	020410LCSA31		2514888	1,2,3-Trichloropropane	101	84	118
	020410LCSA31		2514863	1,2,3-Trichloropropane	101	84	118
	020410LCSA31		2514859	1,2,3-Trichloropropane	101	84	118
	020410LCSA31		2514888	1,2,4-Trichlorobenzene	106	73	121
	020410LCSA31		2514890	1,2,4-Trichlorobenzene	106	73	121
	020410LCSA31		2514863	1,2,4-Trichlorobenzene	106	73	121
	020410LCSA31		2514859	1,2,4-Trichlorobenzene	106	73	121
	020410LCSA31		2514888	1,2,4-Trimethylbenzene	105	77	120
	020410LCSA31		2514890	1,2,4-Trimethylbenzene	105	77	120
	020410LCSA31		2514859	1,2,4-Trimethylbenzene	105	77	120
	020410LCSA31		2514863	1,2,4-Trimethylbenzene	105	77	120
	020410LCSA31		2514890	1,2-Dibromo-3-chloropropane	104	65	117
	020410LCSA31		2514888	1,2-Dibromo-3-chloropropane	104	65	117
	020410LCSA31		2514859	1,2-Dibromo-3-chloropropane	104	65	117
	020410LCSA31		2514863	1,2-Dibromo-3-chloropropane	104	65	117
	020410LCSA31		2514890	1,2-Dibromoethane	102	77	117
	020410LCSA31		2514888	1,2-Dibromoethane	102	77	117
	020410LCSA31		2514859	1,2-Dibromoethane	102	77	117
	020410LCSA31		2514863	1,2-Dibromoethane	102	77	117
	020410LCSA31		2514888	1,2-Dichlorobenzene	100	76	116
	020410LCSA31		2514890	1,2-Dichlorobenzene	100	76	116
	020410LCSA31		2514859	1,2-Dichlorobenzene	100	76	116
	020410LCSA31		2514863	1,2-Dichlorobenzene	100	76	116
	020410LCSA31		2514890	1,2-Dichloroethane	100	74	120
	020410LCSA31		2514888	1,2-Dichloroethane	100	74	120
	020410LCSA31		2514859	1,2-Dichloroethane	100	74	120
	020410LCSA31		2514863	1,2-Dichloroethane	100	74	120
	020410LCSA31		2514890	1,2-Dichloropropane	99	76	116
	020410LCSA31		2514888	1,2-Dichloropropane	99	76	116
	020410LCSA31		2514859	1,2-Dichloropropane	99	76	116
	020410LCSA31		2514863	1,2-Dichloropropane	99	76	116
	020410LCSA31		2514888	1,3,5-Trimethylbenzene	108	77	117
	020410LCSA31		2514890	1,3,5-Trimethylbenzene	108	77	117
	020410LCSA31		2514859	1,3,5-Trimethylbenzene	108	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31	WATER	2514863	1,3,5-Trimethylbenzene	108	77	117
	020410LCSA31		2514888	1,3-Dichlorobenzene	105	75	115
	020410LCSA31		2514890	1,3-Dichlorobenzene	105	75	115
	020410LCSA31		2514859	1,3-Dichlorobenzene	105	75	115
	020410LCSA31		2514863	1,3-Dichlorobenzene	105	75	115
	020410LCSA31		2514890	1,3-Dichloropropane	98.5	75	115
	020410LCSA31		2514888	1,3-Dichloropropane	98.5	75	115
	020410LCSA31		2514859	1,3-Dichloropropane	98.5	75	115
	020410LCSA31		2514863	1,3-Dichloropropane	98.5	75	115
	020410LCSA31		2514890	1,4-Dichlorobenzene	99.5	77	117
	020410LCSA31		2514888	1,4-Dichlorobenzene	99.5	77	117
	020410LCSA31		2514859	1,4-Dichlorobenzene	99.5	77	117
	020410LCSA31		2514863	1,4-Dichlorobenzene	99.5	77	117
	020410LCSA31		2514890	2,2-Dichloropropane	119	72	128
	020410LCSA31		2514888	2,2-Dichloropropane	119	72	128
	020410LCSA31		2514859	2,2-Dichloropropane	119	72	128
	020410LCSA31		2514863	2,2-Dichloropropane	119	72	128
	020410LCSA31		2514890	2-Butanone	112	57	120
	020410LCSA31		2514888	2-Butanone	112	57	120
	020410LCSA31		2514859	2-Butanone	112	57	120
	020410LCSA31		2514863	2-Butanone	112	57	120
	020410LCSA31		2514890	2-Chlorotoluene	104	76	116
	020410LCSA31		2514888	2-Chlorotoluene	104	76	116
	020410LCSA31		2514863	2-Chlorotoluene	104	76	116
	020410LCSA31		2514859	2-Chlorotoluene	104	76	116
	020410LCSA31		2514888	2-Hexanone	96.8	57	121
	020410LCSA31		2514890	2-Hexanone	96.8	57	121
	020410LCSA31		2514859	2-Hexanone	96.8	57	121
	020410LCSA31		2514863	2-Hexanone	96.8	57	121
	020410LCSA31		2514888	4-Chlorotoluene	101	78	118
	020410LCSA31		2514890	4-Chlorotoluene	101	78	118
	020410LCSA31		2514859	4-Chlorotoluene	101	78	118
	020410LCSA31		2514863	4-Chlorotoluene	101	78	118
	020410LCSA31		2514890	4-Methyl-2-Pentanone	102	65	118
	020410LCSA31		2514888	4-Methyl-2-Pentanone	102	65	118
	020410LCSA31		2514859	4-Methyl-2-Pentanone	102	65	118
	020410LCSA31		2514863	4-Methyl-2-Pentanone	102	65	118
	020410LCSA31		2514888	Acetone	111	48	130
	020410LCSA31		2514890	Acetone	111	48	130
	020410LCSA31		2514859	Acetone	111	48	130
	020410LCSA31		2514863	Acetone	111	48	130
	020410LCSA31		2514890	Benzene	102	77	118

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31	WATER	2514888	Benzene	102	77	118
	020410LCSA31		2514859	Benzene	102	77	118
	020410LCSA31		2514863	Benzene	102	77	118
	020410LCSA31		2514890	Bromobenzene	101	75	115
	020410LCSA31		2514888	Bromobenzene	101	75	115
	020410LCSA31		2514859	Bromobenzene	101	75	115
	020410LCSA31		2514863	Bromobenzene	101	75	115
	020410LCSA31		2514890	Bromochloromethane	99.5	78	118
	020410LCSA31		2514888	Bromochloromethane	99.5	78	118
	020410LCSA31		2514859	Bromochloromethane	99.5	78	118
	020410LCSA31		2514863	Bromochloromethane	99.5	78	118
	020410LCSA31		2514888	Bromodichloromethane	106	78	118
	020410LCSA31		2514890	Bromodichloromethane	106	78	118
	020410LCSA31		2514863	Bromodichloromethane	106	78	118
	020410LCSA31		2514859	Bromodichloromethane	106	78	118
	020410LCSA31		2514890	Bromoform	114	74	121
	020410LCSA31		2514888	Bromoform	114	74	121
	020410LCSA31		2514863	Bromoform	114	74	121
	020410LCSA31		2514859	Bromoform	114	74	121
	020410LCSA31		2514888	Bromomethane	109	42	154
	020410LCSA31		2514890	Bromomethane	109	42	154
	020410LCSA31		2514863	Bromomethane	109	42	154
	020410LCSA31		2514859	Bromomethane	109	42	154
	020410LCSA31		2514890	Carbon Disulfide	103	56	104
	020410LCSA31		2514888	Carbon Disulfide	103	56	104
	020410LCSA31		2514863	Carbon Disulfide	103	56	104
	020410LCSA31		2514859	Carbon Disulfide	103	56	104
	020410LCSA31		2514888	Carbon tetrachloride	112	80	120
	020410LCSA31		2514890	Carbon tetrachloride	112	80	120
	020410LCSA31		2514863	Carbon tetrachloride	112	80	120
	020410LCSA31		2514859	Carbon tetrachloride	112	80	120
	020410LCSA31		2514890	Chlorobenzene	100	78	118
	020410LCSA31		2514888	Chlorobenzene	100	78	118
	020410LCSA31		2514859	Chlorobenzene	100	78	118
	020410LCSA31		2514863	Chlorobenzene	100	78	118
	020410LCSA31		2514888	Chloroethane	95	51	133
	020410LCSA31		2514890	Chloroethane	95	51	133
	020410LCSA31		2514859	Chloroethane	95	51	133
	020410LCSA31		2514863	Chloroethane	95	51	133
	020410LCSA31		2514888	Chloroform	101	78	118
	020410LCSA31		2514890	Chloroform	101	78	118
	020410LCSA31		2514859	Chloroform	101	78	118

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31	WATER	2514863	Chloroform	101	78	118
	020410LCSA31		2514890	Chloromethane	106	46	142
	020410LCSA31		2514888	Chloromethane	106	46	142
	020410LCSA31		2514859	Chloromethane	106	46	142
	020410LCSA31		2514863	Chloromethane	106	46	142
	020410LCSA31		2514888	Cis-1,2-DCE	106	75	115
	020410LCSA31		2514890	Cis-1,2-DCE	106	75	115
	020410LCSA31		2514859	Cis-1,2-DCE	106	75	115
	020410LCSA31		2514863	Cis-1,2-DCE	106	75	115
	020410LCSA31		2514890	cis-1,3-Dichloropropene	98.5	76	113
	020410LCSA31		2514888	cis-1,3-Dichloropropene	98.5	76	113
	020410LCSA31		2514859	cis-1,3-Dichloropropene	98.5	76	113
	020410LCSA31		2514863	cis-1,3-Dichloropropene	98.5	76	113
	020410LCSA31		2514890	Dibromochloromethane	113	76	116
	020410LCSA31		2514888	Dibromochloromethane	113	76	116
	020410LCSA31		2514859	Dibromochloromethane	113	76	116
	020410LCSA31		2514863	Dibromochloromethane	113	76	116
	020410LCSA31		2514890	Dibromomethane	100	77	117
	020410LCSA31		2514888	Dibromomethane	100	77	117
	020410LCSA31		2514863	Dibromomethane	100	77	117
	020410LCSA31		2514859	Dibromomethane	100	77	117
	020410LCSA31		2514890	Dichlorodifluoromethane	101	56	140
	020410LCSA31		2514888	Dichlorodifluoromethane	101	56	140
	020410LCSA31		2514863	Dichlorodifluoromethane	101	56	140
	020410LCSA31		2514859	Dichlorodifluoromethane	101	56	140
	020410LCSA31		2514890	Ethylbenzene	106	78	118
	020410LCSA31		2514888	Ethylbenzene	106	78	118
	020410LCSA31		2514863	Ethylbenzene	106	78	118
	020410LCSA31		2514859	Ethylbenzene	106	78	118
	020410LCSA31		2514888	Hexachlorobutadiene	104	73	123
	020410LCSA31		2514890	Hexachlorobutadiene	104	73	123
	020410LCSA31		2514859	Hexachlorobutadiene	104	73	123
	020410LCSA31		2514863	Hexachlorobutadiene	104	73	123
	020410LCSA31		2514888	Isopropylbenzene	106	71	113
	020410LCSA31		2514890	Isopropylbenzene	106	71	113
	020410LCSA31		2514859	Isopropylbenzene	106	71	113
	020410LCSA31		2514863	Isopropylbenzene	106	71	113
	020410LCSA31		2514888	m,p-Xylene	102	78	118
	020410LCSA31		2514890	m,p-Xylene	102	78	118
	020410LCSA31		2514863	m,p-Xylene	102	78	118
	020410LCSA31		2514859	m,p-Xylene	102	78	118
	020410LCSA31		2514890	Methyl tert-Butyl Ether	97.5	58	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31	WATER	2514888	Methyl tert-Butyl Ether	97.5	58	116
	020410LCSA31		2514859	Methyl tert-Butyl Ether	97.5	58	116
	020410LCSA31		2514863	Methyl tert-Butyl Ether	97.5	58	116
	020410LCSA31		2514888	Methylene chloride	91	71	119
	020410LCSA31		2514890	Methylene chloride	91	71	119
	020410LCSA31		2514859	Methylene chloride	91	71	119
	020410LCSA31		2514863	Methylene chloride	91	71	119
	020410LCSA31		2514888	Naphthalene	96.5	62	121
	020410LCSA31		2514890	Naphthalene	96.5	62	121
	020410LCSA31		2514859	Naphthalene	96.5	62	121
	020410LCSA31		2514863	Naphthalene	96.5	62	121
	020410LCSA31		2514888	n-Butylbenzene	110	76	117
	020410LCSA31		2514890	n-Butylbenzene	110	76	117
	020410LCSA31		2514859	n-Butylbenzene	110	76	117
	020410LCSA31		2514863	n-Butylbenzene	110	76	117
	020410LCSA31		2514888	n-Propylbenzene	108	76	116
	020410LCSA31		2514890	n-Propylbenzene	108	76	116
	020410LCSA31		2514863	n-Propylbenzene	108	76	116
	020410LCSA31		2514859	n-Propylbenzene	108	76	116
	020410LCSA31		2514890	o-Xylene	106	77	117
	020410LCSA31		2514888	o-Xylene	106	77	117
	020410LCSA31		2514863	o-Xylene	106	77	117
	020410LCSA31		2514859	o-Xylene	106	77	117
	020410LCSA31		2514890	p-Isopropyltoluene	102	76	113
	020410LCSA31		2514888	p-Isopropyltoluene	102	76	113
	020410LCSA31		2514859	p-Isopropyltoluene	102	76	113
	020410LCSA31		2514863	p-Isopropyltoluene	102	76	113
	020410LCSA31		2514888	Sec-Butylbenzene	110	80	120
	020410LCSA31		2514890	Sec-Butylbenzene	110	80	120
	020410LCSA31		2514863	Sec-Butylbenzene	110	80	120
	020410LCSA31		2514859	Sec-Butylbenzene	110	80	120
	020410LCSA31		2514888	Styrene	104	77	117
	020410LCSA31		2514890	Styrene	104	77	117
	020410LCSA31		2514863	Styrene	104	77	117
	020410LCSA31		2514859	Styrene	104	77	117
	020410LCSA31		2514890	tert-Butylbenzene	110	76	116
	020410LCSA31		2514888	tert-Butylbenzene	110	76	116
	020410LCSA31		2514863	tert-Butylbenzene	110	76	116
	020410LCSA31		2514859	tert-Butylbenzene	110	76	116
	020410LCSA31		2514888	Tetrachloroethene	108	77	117
	020410LCSA31		2514890	Tetrachloroethene	108	77	117
	020410LCSA31		2514863	Tetrachloroethene	108	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31	WATER	2514859	Tetrachloroethene	108	77	117
	020410LCSA31		2514888	Toluene	106	73	120
	020410LCSA31		2514890	Toluene	106	73	120
	020410LCSA31		2514863	Toluene	106	73	120
	020410LCSA31		2514859	Toluene	106	73	120
	020410LCSA31		2514888	trans-1,2-Dichloroethene	108	80	120
	020410LCSA31		2514890	trans-1,2-Dichloroethene	108	80	120
	020410LCSA31		2514863	trans-1,2-Dichloroethene	108	80	120
	020410LCSA31		2514859	trans-1,2-Dichloroethene	108	80	120
	020410LCSA31		2514888	trans-1,3-Dichloropropene	98	72	117
	020410LCSA31		2514890	trans-1,3-Dichloropropene	98	72	117
	020410LCSA31		2514859	trans-1,3-Dichloropropene	98	72	117
	020410LCSA31		2514863	trans-1,3-Dichloropropene	98	72	117
	020410LCSA31		2514888	Trichloroethene	103	78	122
	020410LCSA31		2514890	Trichloroethene	103	78	122
	020410LCSA31		2514859	Trichloroethene	103	78	122
	020410LCSA31		2514863	Trichloroethene	103	78	122
	020410LCSA31		2514890	Trichlorofluoromethane	108	65	190
	020410LCSA31		2514888	Trichlorofluoromethane	108	65	190
	020410LCSA31		2514859	Trichlorofluoromethane	108	65	190
	020410LCSA31		2514863	Trichlorofluoromethane	108	65	190
	020410LCSA31		2514888	Vinyl chloride	105	49	136
	020410LCSA31		2514890	Vinyl chloride	105	49	136
	020410LCSA31		2514863	Vinyl chloride	105	49	136
	020410LCSA31		2514859	Vinyl chloride	105	49	136
	020410LCSA31		2514888	Xylenes, Total	104	77	117
	020410LCSA31		2514890	Xylenes, Total	104	77	117
	020410LCSA31		2514859	Xylenes, Total	104	77	117
	020410LCSA31		2514863	Xylenes, Total	104	77	117
	020410LCSA31D		2514890	1,1,1,2-Tetrachloroethane	102	77	117
	020410LCSA31D		2514888	1,1,1,2-Tetrachloroethane	102	77	117
	020410LCSA31D		2514859	1,1,1,2-Tetrachloroethane	102	77	117
	020410LCSA31D		2514863	1,1,1,2-Tetrachloroethane	102	77	117
	020410LCSA31D		2514890	1,1,1-Trichloroethane	107	78	118
	020410LCSA31D		2514888	1,1,1-Trichloroethane	107	78	118
	020410LCSA31D		2514863	1,1,1-Trichloroethane	107	78	118
	020410LCSA31D		2514859	1,1,1-Trichloroethane	107	78	118
	020410LCSA31D		2514890	1,1,2,2-Tetrachloroethane	88.5	73	119
	020410LCSA31D		2514888	1,1,2,2-Tetrachloroethane	88.5	73	119
	020410LCSA31D		2514859	1,1,2,2-Tetrachloroethane	88.5	73	119
	020410LCSA31D		2514863	1,1,2,2-Tetrachloroethane	88.5	73	119
	020410LCSA31D		2514890	1,1,2-Trichloroethane	97.5	76	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31D	WATER	2514888	1,1,2-Trichloroethane	97.5	76	116
	020410LCSA31D		2514859	1,1,2-Trichloroethane	97.5	76	116
	020410LCSA31D		2514863	1,1,2-Trichloroethane	97.5	76	116
	020410LCSA31D		2514890	1,1-Dichloroethane	100	77	117
	020410LCSA31D		2514888	1,1-Dichloroethane	100	77	117
	020410LCSA31D		2514859	1,1-Dichloroethane	100	77	117
	020410LCSA31D		2514863	1,1-Dichloroethane	100	77	117
	020410LCSA31D		2514890	1,1-Dichloroethene	98	66	133
	020410LCSA31D		2514888	1,1-Dichloroethene	98	66	133
	020410LCSA31D		2514859	1,1-Dichloroethene	98	66	133
	020410LCSA31D		2514863	1,1-Dichloroethene	98	66	133
	020410LCSA31D		2514890	1,1-Dichloropropene	104	75	115
	020410LCSA31D		2514888	1,1-Dichloropropene	104	75	115
	020410LCSA31D		2514863	1,1-Dichloropropene	104	75	115
	020410LCSA31D		2514859	1,1-Dichloropropene	104	75	115
	020410LCSA31D		2514890	1,2,3-Trichlorobenzene	98.5	66	123
	020410LCSA31D		2514888	1,2,3-Trichlorobenzene	98.5	66	123
	020410LCSA31D		2514863	1,2,3-Trichlorobenzene	98.5	66	123
	020410LCSA31D		2514859	1,2,3-Trichlorobenzene	98.5	66	123
	020410LCSA31D		2514890	1,2,3-Trichloropropane	90	84	118
	020410LCSA31D		2514888	1,2,3-Trichloropropane	90	84	118
	020410LCSA31D		2514863	1,2,3-Trichloropropane	90	84	118
	020410LCSA31D		2514859	1,2,3-Trichloropropane	90	84	118
	020410LCSA31D		2514890	1,2,4-Trichlorobenzene	97	73	121
	020410LCSA31D		2514888	1,2,4-Trichlorobenzene	97	73	121
	020410LCSA31D		2514859	1,2,4-Trichlorobenzene	97	73	121
	020410LCSA31D		2514863	1,2,4-Trichlorobenzene	97	73	121
	020410LCSA31D		2514890	1,2,4-Trimethylbenzene	99	77	120
	020410LCSA31D		2514888	1,2,4-Trimethylbenzene	99	77	120
	020410LCSA31D		2514863	1,2,4-Trimethylbenzene	99	77	120
	020410LCSA31D		2514859	1,2,4-Trimethylbenzene	99	77	120
	020410LCSA31D		2514890	1,2-Dibromo-3-chloropropane	91.5	65	117
	020410LCSA31D		2514888	1,2-Dibromo-3-chloropropane	91.5	65	117
	020410LCSA31D		2514863	1,2-Dibromo-3-chloropropane	91.5	65	117
	020410LCSA31D		2514859	1,2-Dibromo-3-chloropropane	91.5	65	117
	020410LCSA31D		2514890	1,2-Dibromoethane	95	77	117
	020410LCSA31D		2514888	1,2-Dibromoethane	95	77	117
	020410LCSA31D		2514863	1,2-Dibromoethane	95	77	117
	020410LCSA31D		2514859	1,2-Dibromoethane	95	77	117
	020410LCSA31D		2514890	1,2-Dichlorobenzene	96	76	116
	020410LCSA31D		2514888	1,2-Dichlorobenzene	96	76	116
	020410LCSA31D		2514863	1,2-Dichlorobenzene	96	76	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31D	WATER	2514859	1,2-Dichlorobenzene	96	76	116
	020410LCSA31D		2514890	1,2-Dichloroethane	99	74	120
	020410LCSA31D		2514888	1,2-Dichloroethane	99	74	120
	020410LCSA31D		2514863	1,2-Dichloroethane	99	74	120
	020410LCSA31D		2514859	1,2-Dichloroethane	99	74	120
	020410LCSA31D		2514890	1,2-Dichloropropane	97	76	116
	020410LCSA31D		2514888	1,2-Dichloropropane	97	76	116
	020410LCSA31D		2514863	1,2-Dichloropropane	97	76	116
	020410LCSA31D		2514859	1,2-Dichloropropane	97	76	116
	020410LCSA31D		2514890	1,3,5-Trimethylbenzene	100	77	117
	020410LCSA31D		2514888	1,3,5-Trimethylbenzene	100	77	117
	020410LCSA31D		2514863	1,3,5-Trimethylbenzene	100	77	117
	020410LCSA31D		2514859	1,3,5-Trimethylbenzene	100	77	117
	020410LCSA31D		2514890	1,3-Dichlorobenzene	97	75	115
	020410LCSA31D		2514888	1,3-Dichlorobenzene	97	75	115
	020410LCSA31D		2514859	1,3-Dichlorobenzene	97	75	115
	020410LCSA31D		2514863	1,3-Dichlorobenzene	97	75	115
	020410LCSA31D		2514888	1,3-Dichloropropane	91.5	75	115
	020410LCSA31D		2514890	1,3-Dichloropropane	91.5	75	115
	020410LCSA31D		2514863	1,3-Dichloropropane	91.5	75	115
	020410LCSA31D		2514859	1,3-Dichloropropane	91.5	75	115
	020410LCSA31D		2514888	1,4-Dichlorobenzene	96	77	117
	020410LCSA31D		2514890	1,4-Dichlorobenzene	96	77	117
	020410LCSA31D		2514863	1,4-Dichlorobenzene	96	77	117
	020410LCSA31D		2514859	1,4-Dichlorobenzene	96	77	117
	020410LCSA31D		2514890	2,2-Dichloropropane	114	72	128
	020410LCSA31D		2514888	2,2-Dichloropropane	114	72	128
	020410LCSA31D		2514859	2,2-Dichloropropane	114	72	128
	020410LCSA31D		2514863	2,2-Dichloropropane	114	72	128
	020410LCSA31D		2514888	2-Butanone	101	57	120
	020410LCSA31D		2514890	2-Butanone	101	57	120
	020410LCSA31D		2514859	2-Butanone	101	57	120
	020410LCSA31D		2514863	2-Butanone	101	57	120
	020410LCSA31D		2514890	2-Chlorotoluene	97	76	116
	020410LCSA31D		2514888	2-Chlorotoluene	97	76	116
	020410LCSA31D		2514859	2-Chlorotoluene	97	76	116
	020410LCSA31D		2514863	2-Chlorotoluene	97	76	116
	020410LCSA31D		2514890	2-Hexanone	86	57	121
	020410LCSA31D		2514888	2-Hexanone	86	57	121
	020410LCSA31D		2514863	2-Hexanone	86	57	121
	020410LCSA31D		2514859	2-Hexanone	86	57	121
	020410LCSA31D		2514888	4-Chlorotoluene	94	78	118

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31D	WATER	2514890	4-Chlorotoluene	94	78	118
	020410LCSA31D		2514863	4-Chlorotoluene	94	78	118
	020410LCSA31D		2514859	4-Chlorotoluene	94	78	118
	020410LCSA31D		2514890	4-Methyl-2-Pentanone	94.5	65	118
	020410LCSA31D		2514888	4-Methyl-2-Pentanone	94.5	65	118
	020410LCSA31D		2514859	4-Methyl-2-Pentanone	94.5	65	118
	020410LCSA31D		2514863	4-Methyl-2-Pentanone	94.5	65	118
	020410LCSA31D		2514888	Acetone	100	48	130
	020410LCSA31D		2514890	Acetone	100	48	130
	020410LCSA31D		2514859	Acetone	100	48	130
	020410LCSA31D		2514863	Acetone	100	48	130
	020410LCSA31D		2514888	Benzene	99	77	118
	020410LCSA31D		2514890	Benzene	99	77	118
	020410LCSA31D		2514863	Benzene	99	77	118
	020410LCSA31D		2514859	Benzene	99	77	118
	020410LCSA31D		2514888	Bromobenzene	93.5	75	115
	020410LCSA31D		2514890	Bromobenzene	93.5	75	115
	020410LCSA31D		2514859	Bromobenzene	93.5	75	115
	020410LCSA31D		2514863	Bromobenzene	93.5	75	115
	020410LCSA31D		2514888	Bromochloromethane	98	78	118
	020410LCSA31D		2514890	Bromochloromethane	98	78	118
	020410LCSA31D		2514863	Bromochloromethane	98	78	118
	020410LCSA31D		2514859	Bromochloromethane	98	78	118
	020410LCSA31D		2514890	Bromodichloromethane	105	78	118
	020410LCSA31D		2514888	Bromodichloromethane	105	78	118
	020410LCSA31D		2514863	Bromodichloromethane	105	78	118
	020410LCSA31D		2514859	Bromodichloromethane	105	78	118
	020410LCSA31D		2514888	Bromoform	106	74	121
	020410LCSA31D		2514890	Bromoform	106	74	121
	020410LCSA31D		2514859	Bromoform	106	74	121
	020410LCSA31D		2514863	Bromoform	106	74	121
	020410LCSA31D		2514888	Bromomethane	99.5	42	154
	020410LCSA31D		2514890	Bromomethane	99.5	42	154
	020410LCSA31D		2514859	Bromomethane	99.5	42	154
	020410LCSA31D		2514863	Bromomethane	99.5	42	154
	020410LCSA31D		2514890	Carbon Disulfide	104	56	104
	020410LCSA31D		2514888	Carbon Disulfide	104	56	104
	020410LCSA31D		2514859	Carbon Disulfide	104	56	104
	020410LCSA31D		2514863	Carbon Disulfide	104	56	104
	020410LCSA31D		2514890	Carbon tetrachloride	106	80	120
	020410LCSA31D		2514888	Carbon tetrachloride	106	80	120
	020410LCSA31D		2514859	Carbon tetrachloride	106	80	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31D	WATER	2514863	Carbon tetrachloride	106	80	120
	020410LCSA31D		2514890	Chlorobenzene	94.5	78	118
	020410LCSA31D		2514888	Chlorobenzene	94.5	78	118
	020410LCSA31D		2514859	Chlorobenzene	94.5	78	118
	020410LCSA31D		2514863	Chlorobenzene	94.5	78	118
	020410LCSA31D		2514888	Chloroethane	95	51	133
	020410LCSA31D		2514890	Chloroethane	95	51	133
	020410LCSA31D		2514863	Chloroethane	95	51	133
	020410LCSA31D		2514859	Chloroethane	95	51	133
	020410LCSA31D		2514888	Chloroform	98.5	78	118
	020410LCSA31D		2514890	Chloroform	98.5	78	118
	020410LCSA31D		2514863	Chloroform	98.5	78	118
	020410LCSA31D		2514859	Chloroform	98.5	78	118
	020410LCSA31D		2514888	Chloromethane	104	46	142
	020410LCSA31D		2514890	Chloromethane	104	46	142
	020410LCSA31D		2514859	Chloromethane	104	46	142
	020410LCSA31D		2514863	Chloromethane	104	46	142
	020410LCSA31D		2514890	Cis-1,2-DCE	102	75	115
	020410LCSA31D		2514888	Cis-1,2-DCE	102	75	115
	020410LCSA31D		2514863	Cis-1,2-DCE	102	75	115
	020410LCSA31D		2514859	Cis-1,2-DCE	102	75	115
	020410LCSA31D		2514888	cis-1,3-Dichloropropene	96	76	113
	020410LCSA31D		2514890	cis-1,3-Dichloropropene	96	76	113
	020410LCSA31D		2514859	cis-1,3-Dichloropropene	96	76	113
	020410LCSA31D		2514863	cis-1,3-Dichloropropene	96	76	113
	020410LCSA31D		2514890	Dibromochloromethane	102	76	116
	020410LCSA31D		2514888	Dibromochloromethane	102	76	116
	020410LCSA31D		2514859	Dibromochloromethane	102	76	116
	020410LCSA31D		2514863	Dibromochloromethane	102	76	116
	020410LCSA31D		2514890	Dibromomethane	98	77	117
	020410LCSA31D		2514888	Dibromomethane	98	77	117
	020410LCSA31D		2514863	Dibromomethane	98	77	117
	020410LCSA31D		2514859	Dibromomethane	98	77	117
	020410LCSA31D		2514888	Dichlorodifluoromethane	104	56	140
	020410LCSA31D		2514890	Dichlorodifluoromethane	104	56	140
	020410LCSA31D		2514859	Dichlorodifluoromethane	104	56	140
	020410LCSA31D		2514863	Dichlorodifluoromethane	104	56	140
	020410LCSA31D		2514890	Ethylbenzene	97	78	118
	020410LCSA31D		2514888	Ethylbenzene	97	78	118
	020410LCSA31D		2514859	Ethylbenzene	97	78	118
	020410LCSA31D		2514863	Ethylbenzene	97	78	118
	020410LCSA31D		2514890	Hexachlorobutadiene	102	73	123

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31D	WATER	2514888	Hexachlorobutadiene	102	73	123
	020410LCSA31D		2514859	Hexachlorobutadiene	102	73	123
	020410LCSA31D		2514863	Hexachlorobutadiene	102	73	123
	020410LCSA31D		2514890	Isopropylbenzene	98.5	71	113
	020410LCSA31D		2514888	Isopropylbenzene	98.5	71	113
	020410LCSA31D		2514859	Isopropylbenzene	98.5	71	113
	020410LCSA31D		2514863	Isopropylbenzene	98.5	71	113
	020410LCSA31D		2514890	m,p-Xylene	97.5	78	118
	020410LCSA31D		2514888	m,p-Xylene	97.5	78	118
	020410LCSA31D		2514859	m,p-Xylene	97.5	78	118
	020410LCSA31D		2514863	m,p-Xylene	97.5	78	118
	020410LCSA31D		2514890	Methyl tert-Butyl Ether	97.5	58	116
	020410LCSA31D		2514888	Methyl tert-Butyl Ether	97.5	58	116
	020410LCSA31D		2514863	Methyl tert-Butyl Ether	97.5	58	116
	020410LCSA31D		2514859	Methyl tert-Butyl Ether	97.5	58	116
	020410LCSA31D		2514890	Methylene chloride	93.5	71	119
	020410LCSA31D		2514888	Methylene chloride	93.5	71	119
	020410LCSA31D		2514863	Methylene chloride	93.5	71	119
	020410LCSA31D		2514859	Methylene chloride	93.5	71	119
	020410LCSA31D		2514888	Naphthalene	91.5	62	121
	020410LCSA31D		2514890	Naphthalene	91.5	62	121
	020410LCSA31D		2514859	Naphthalene	91.5	62	121
	020410LCSA31D		2514863	Naphthalene	91.5	62	121
	020410LCSA31D		2514888	n-Butylbenzene	104	76	117
	020410LCSA31D		2514890	n-Butylbenzene	104	76	117
	020410LCSA31D		2514863	n-Butylbenzene	104	76	117
	020410LCSA31D		2514859	n-Butylbenzene	104	76	117
	020410LCSA31D		2514888	n-Propylbenzene	102	76	116
	020410LCSA31D		2514890	n-Propylbenzene	102	76	116
	020410LCSA31D		2514863	n-Propylbenzene	102	76	116
	020410LCSA31D		2514859	n-Propylbenzene	102	76	116
	020410LCSA31D		2514888	o-Xylene	99.5	77	117
	020410LCSA31D		2514890	o-Xylene	99.5	77	117
	020410LCSA31D		2514859	o-Xylene	99.5	77	117
	020410LCSA31D		2514863	o-Xylene	99.5	77	117
	020410LCSA31D		2514888	p-Isopropyltoluene	97	76	113
	020410LCSA31D		2514890	p-Isopropyltoluene	97	76	113
	020410LCSA31D		2514863	p-Isopropyltoluene	97	76	113
	020410LCSA31D		2514859	p-Isopropyltoluene	97	76	113
	020410LCSA31D		2514890	Sec-Butylbenzene	104	80	120
	020410LCSA31D		2514888	Sec-Butylbenzene	104	80	120
	020410LCSA31D		2514859	Sec-Butylbenzene	104	80	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020410LCSA31D	WATER	2514863	Sec-Butylbenzene	104	80	120
	020410LCSA31D		2514890	Styrene	98.5	77	117
	020410LCSA31D		2514888	Styrene	98.5	77	117
	020410LCSA31D		2514863	Styrene	98.5	77	117
	020410LCSA31D		2514859	Styrene	98.5	77	117
	020410LCSA31D		2514890	tert-Butylbenzene	101	76	116
	020410LCSA31D		2514888	tert-Butylbenzene	101	76	116
	020410LCSA31D		2514859	tert-Butylbenzene	101	76	116
	020410LCSA31D		2514863	tert-Butylbenzene	101	76	116
	020410LCSA31D		2514890	Tetrachloroethene	97	77	117
	020410LCSA31D		2514888	Tetrachloroethene	97	77	117
	020410LCSA31D		2514859	Tetrachloroethene	97	77	117
	020410LCSA31D		2514863	Tetrachloroethene	97	77	117
	020410LCSA31D		2514888	Toluene	102	73	120
	020410LCSA31D		2514890	Toluene	102	73	120
	020410LCSA31D		2514859	Toluene	102	73	120
	020410LCSA31D		2514863	Toluene	102	73	120
	020410LCSA31D		2514888	trans-1,2-Dichloroethene	103	80	120
	020410LCSA31D		2514890	trans-1,2-Dichloroethene	103	80	120
	020410LCSA31D		2514863	trans-1,2-Dichloroethene	103	80	120
	020410LCSA31D		2514859	trans-1,2-Dichloroethene	103	80	120
	020410LCSA31D		2514888	trans-1,3-Dichloropropene	95.5	72	117
	020410LCSA31D		2514890	trans-1,3-Dichloropropene	95.5	72	117
	020410LCSA31D		2514859	trans-1,3-Dichloropropene	95.5	72	117
	020410LCSA31D		2514863	trans-1,3-Dichloropropene	95.5	72	117
	020410LCSA31D		2514890	Trichloroethene	101	78	122
	020410LCSA31D		2514888	Trichloroethene	101	78	122
	020410LCSA31D		2514859	Trichloroethene	101	78	122
	020410LCSA31D		2514863	Trichloroethene	101	78	122
	020410LCSA31D		2514888	Trichlorofluoromethane	108	65	190
	020410LCSA31D		2514890	Trichlorofluoromethane	108	65	190
	020410LCSA31D		2514859	Trichlorofluoromethane	108	65	190
	020410LCSA31D		2514863	Trichlorofluoromethane	108	65	190
	020410LCSA31D		2514888	Vinyl chloride	96	49	136
	020410LCSA31D		2514890	Vinyl chloride	96	49	136
	020410LCSA31D		2514859	Vinyl chloride	96	49	136
	020410LCSA31D		2514863	Vinyl chloride	96	49	136
	020410LCSA31D		2514890	Xylenes, Total	98.2	77	117
	020410LCSA31D		2514888	Xylenes, Total	98.2	77	117
	020410LCSA31D		2514863	Xylenes, Total	98.2	77	117
	020410LCSA31D		2514859	Xylenes, Total	98.2	77	117
	020510LCSA33		2514878	1,1,1,2-Tetrachloroethane	96	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020510LCSA33	WATER	2514878	1,1,1-Trichloroethane	104	78	118
	020510LCSA33		2514878	1,1,2,2-Tetrachloroethane	87.5	73	119
	020510LCSA33		2514878	1,1,2-Trichloroethane	92.5	76	116
	020510LCSA33		2514878	1,1-Dichloroethane	96.5	77	117
	020510LCSA33		2514878	1,1-Dichloroethene	91.5	66	133
	020510LCSA33		2514878	1,1-Dichloropropene	98.5	75	115
	020510LCSA33		2514878	1,2,3-Trichlorobenzene	97.5	66	123
	020510LCSA33		2514878	1,2,3-Trichloropropane	86.5	84	118
	020510LCSA33		2514878	1,2,4-Trichlorobenzene	98	73	121
	020510LCSA33		2514878	1,2,4-Trimethylbenzene	95.5	77	120
	020510LCSA33		2514878	1,2-Dibromo-3-chloropropane	94	65	117
	020510LCSA33		2514878	1,2-Dibromoethane	92.5	77	117
	020510LCSA33		2514878	1,2-Dichlorobenzene	92	76	116
	020510LCSA33		2514878	1,2-Dichloroethane	95	74	120
	020510LCSA33		2514878	1,2-Dichloropropane	92.5	76	116
	020510LCSA33		2514878	1,3,5-Trimethylbenzene	96.5	77	117
	020510LCSA33		2514878	1,3-Dichlorobenzene	95.5	75	115
	020510LCSA33		2514878	1,3-Dichloropropane	91.5	75	115
	020510LCSA33		2514878	1,4-Dichlorobenzene	93	77	117
	020510LCSA33		2514878	2,2-Dichloropropane	110	72	128
	020510LCSA33		2514878	2-Butanone	102	57	120
	020510LCSA33		2514878	2-Chlorotoluene	94	76	116
	020510LCSA33		2514878	2-Hexanone	90.8	57	121
	020510LCSA33		2514878	4-Chlorotoluene	93	78	118
	020510LCSA33		2514878	4-Methyl-2-Pentanone	92.2	65	118
	020510LCSA33		2514878	Acetone	109	48	130
	020510LCSA33		2514878	Benzene	94.5	77	118
	020510LCSA33		2514878	Bromobenzene	92	75	115
	020510LCSA33		2514878	Bromochloromethane	97	78	118
	020510LCSA33		2514878	Bromodichloromethane	102	78	118
	020510LCSA33		2514878	Bromoform	102	74	121
	020510LCSA33		2514878	Bromomethane	96	42	154
	020510LCSA33		2514878	Carbon Disulfide	96	56	104
	020510LCSA33		2514878	Carbon tetrachloride	104	80	120
	020510LCSA33		2514878	Chlorobenzene	92.5	78	118
	020510LCSA33		2514878	Chloroethane	80.5	51	133
	020510LCSA33		2514878	Chloroform	93	78	118
	020510LCSA33		2514878	Chloromethane	88.5	46	142
	020510LCSA33		2514878	Cis-1,2-DCE	99.5	75	115
	020510LCSA33		2514878	cis-1,3-Dichloropropene	91	76	113
	020510LCSA33		2514878	Dibromochloromethane	100	76	116
	020510LCSA33		2514878	Dibromomethane	93.5	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020510LCSA33	WATER	2514878	Dichlorodifluoromethane	72.5	56	140
	020510LCSA33		2514878	Ethylbenzene	92	78	118
	020510LCSA33		2514878	Hexachlorobutadiene	98.5	73	123
	020510LCSA33		2514878	Isopropylbenzene	95	71	113
	020510LCSA33		2514878	m,p-Xylene	92	78	118
	020510LCSA33		2514878	Methyl tert-Butyl Ether	91	58	116
	020510LCSA33		2514878	Methylene chloride	90	71	119
	020510LCSA33		2514878	Naphthalene	91	62	121
	020510LCSA33		2514878	n-Butylbenzene	97.5	76	117
	020510LCSA33		2514878	n-Propylbenzene	97	76	116
	020510LCSA33		2514878	o-Xylene	95.5	77	117
	020510LCSA33		2514878	p-Isopropyltoluene	91	76	113
	020510LCSA33		2514878	Sec-Butylbenzene	97	80	120
	020510LCSA33		2514878	Styrene	93	77	117
	020510LCSA33		2514878	tert-Butylbenzene	97.5	76	116
	020510LCSA33		2514878	Tetrachloroethene	93	77	117
	020510LCSA33		2514878	Toluene	97	73	120
	020510LCSA33		2514878	trans-1,2-Dichloroethene	98	80	120
	020510LCSA33		2514878	trans-1,3-Dichloropropene	92	72	117
	020510LCSA33		2514878	Trichloroethene	96.5	78	122
	020510LCSA33		2514878	Trichlorofluoromethane	96.5	65	190
	020510LCSA33		2514878	Vinyl chloride	82.5	49	136
	020510LCSA33		2514878	Xylenes, Total	93.2	77	117
	020510LCSA33D		2514878	1,1,1,2-Tetrachloroethane	90	77	117
	020510LCSA33D		2514878	1,1,1-Trichloroethane	95	78	118
	020510LCSA33D		2514878	1,1,2,2-Tetrachloroethane	85	73	119
	020510LCSA33D		2514878	1,1,2-Trichloroethane	89	76	116
	020510LCSA33D		2514878	1,1-Dichloroethane	90	77	117
	020510LCSA33D		2514878	1,1-Dichloroethene	86.5	66	133
	020510LCSA33D		2514878	1,1-Dichloropropene	92.5	75	115
	020510LCSA33D		2514878	1,2,3-Trichlorobenzene	92	66	123
	020510LCSA33D		2514878	1,2,3-Trichloropropane	84.5	84	118
	020510LCSA33D		2514878	1,2,4-Trichlorobenzene	88.5	73	121
	020510LCSA33D		2514878	1,2,4-Trimethylbenzene	87	77	120
	020510LCSA33D		2514878	1,2-Dibromo-3-chloropropane	84.5	65	117
	020510LCSA33D		2514878	1,2-Dibromoethane	90	77	117
	020510LCSA33D		2514878	1,2-Dichlorobenzene	86	76	116
	020510LCSA33D		2514878	1,2-Dichloroethane	89.5	74	120
	020510LCSA33D		2514878	1,2-Dichloropropane	86	76	116
	020510LCSA33D		2514878	1,3,5-Trimethylbenzene	88.5	77	117
	020510LCSA33D		2514878	1,3-Dichlorobenzene	87	75	115
	020510LCSA33D		2514878	1,3-Dichloropropane	85.5	75	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020510LCSA33D	WATER	2514878	1,4-Dichlorobenzene	86	77	117
	020510LCSA33D		2514878	2,2-Dichloropropane	104	72	128
	020510LCSA33D		2514878	2-Butanone	95.2	57	120
	020510LCSA33D		2514878	2-Chlorotoluene	84.5	76	116
	020510LCSA33D		2514878	2-Hexanone	80.2	57	121
	020510LCSA33D		2514878	4-Chlorotoluene	86.5	78	118
	020510LCSA33D		2514878	4-Methyl-2-Pentanone	89.5	65	118
	020510LCSA33D		2514878	Acetone	110	48	130
	020510LCSA33D		2514878	Benzene	87.5	77	118
	020510LCSA33D		2514878	Bromobenzene	86	75	115
	020510LCSA33D		2514878	Bromochloromethane	89	78	118
	020510LCSA33D		2514878	Bromodichloromethane	91.5	78	118
	020510LCSA33D		2514878	Bromoform	98	74	121
	020510LCSA33D		2514878	Bromomethane	85	42	154
	020510LCSA33D		2514878	Carbon Disulfide	88.5	56	104
	020510LCSA33D		2514878	Carbon tetrachloride	97.5	80	120
	020510LCSA33D		2514878	Chlorobenzene	84.5	78	118
	020510LCSA33D		2514878	Chloroethane	76.5	51	133
	020510LCSA33D		2514878	Chloroform	89.5	78	118
	020510LCSA33D		2514878	Chloromethane	85	46	142
	020510LCSA33D		2514878	Cis-1,2-DCE	90.5	75	115
	020510LCSA33D		2514878	cis-1,3-Dichloropropene	85.5	76	113
	020510LCSA33D		2514878	Dibromochloromethane	93	76	116
	020510LCSA33D		2514878	Dibromomethane	92	77	117
	020510LCSA33D		2514878	Dichlorodifluoromethane	70.5	56	140
	020510LCSA33D		2514878	Ethylbenzene	87	78	118
	020510LCSA33D		2514878	Hexachlorobutadiene	85.5	73	123
	020510LCSA33D		2514878	Isopropylbenzene	87	71	113
	020510LCSA33D		2514878	m,p-Xylene	84.8	78	118
	020510LCSA33D		2514878	Methyl tert-Butyl Ether	85	58	116
	020510LCSA33D		2514878	Methylene chloride	81	71	119
	020510LCSA33D		2514878	Naphthalene	85	62	121
	020510LCSA33D		2514878	n-Butylbenzene	88	76	117
	020510LCSA33D		2514878	n-Propylbenzene	88.5	76	116
	020510LCSA33D		2514878	o-Xylene	88	77	117
	020510LCSA33D		2514878	p-Isopropyltoluene	82	76	113
	020510LCSA33D		2514878	Sec-Butylbenzene	87.5	80	120
	020510LCSA33D		2514878	Styrene	86	77	117
	020510LCSA33D		2514878	tert-Butylbenzene	86.5	76	116
	020510LCSA33D		2514878	Tetrachloroethene	85	77	117
	020510LCSA33D		2514878	Toluene	90	73	120
	020510LCSA33D		2514878	trans-1,2-Dichloroethene	89	80	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020510LCSA33D	WATER	2514878	trans-1,3-Dichloropropene	87	72	117
	020510LCSA33D		2514878	Trichloroethene	89	78	122
	020510LCSA33D		2514878	Trichlorofluoromethane	91	65	190
	020510LCSA33D		2514878	Vinyl chloride	75.5	49	136
	020510LCSA33D		2514878	Xylenes, Total	85.8	77	117
	020810LCSA31		2514878	1,1,1,2-Tetrachloroethane	109	77	117
	020810LCSA31		2514878	1,1,1-Trichloroethane	116	78	118
	020810LCSA31		2514878	1,1,2,2-Tetrachloroethane	92.5	73	119
	020810LCSA31		2514878	1,1,2-Trichloroethane	101	76	116
	020810LCSA31		2514878	1,1-Dichloroethane	105	77	117
	020810LCSA31		2514878	1,1-Dichloroethene	96	66	133
	020810LCSA31		2514878	1,1-Dichloropropene	110	75	115
	020810LCSA31		2514878	1,2,3-Trichlorobenzene	107	66	123
	020810LCSA31		2514878	1,2,3-Trichloropropane	94	84	118
	020810LCSA31		2514878	1,2,4-Trichlorobenzene	106	73	121
	020810LCSA31		2514878	1,2,4-Trimethylbenzene	101	77	120
	020810LCSA31		2514878	1,2-Dibromo-3-chloropropane	104	65	117
	020810LCSA31		2514878	1,2-Dibromoethane	100	77	117
	020810LCSA31		2514878	1,2-Dichlorobenzene	96.5	76	116
	020810LCSA31		2514878	1,2-Dichloroethane	100	74	120
	020810LCSA31		2514878	1,2-Dichloropropane	99	76	116
	020810LCSA31		2514878	1,3,5-Trimethylbenzene	104	77	117
	020810LCSA31		2514878	1,3-Dichlorobenzene	101	75	115
	020810LCSA31		2514878	1,3-Dichloropropane	96	75	115
	020810LCSA31		2514878	1,4-Dichlorobenzene	96.5	77	117
	020810LCSA31		2514878	2,2-Dichloropropane	108	72	128
	020810LCSA31		2514878	2-Butanone	98.5	57	120
	020810LCSA31		2514878	2-Chlorotoluene	97	76	116
	020810LCSA31		2514878	2-Hexanone	86.8	57	121
	020810LCSA31		2514878	4-Chlorotoluene	99.5	78	118
	020810LCSA31		2514878	4-Methyl-2-Pentanone	98	65	118
	020810LCSA31		2514878	Acetone	95.8	48	130
	020810LCSA31		2514878	Benzene	102	77	118
	020810LCSA31		2514878	Bromobenzene	96	75	115
	020810LCSA31		2514878	Bromochloromethane	102	78	118
	020810LCSA31		2514878	Bromodichloromethane	110	78	118
	020810LCSA31		2514878	Bromoform	111	74	121
	020810LCSA31		2514878	Bromomethane	104	42	154
	020810LCSA31		2514878	Carbon Disulfide	104	56	104
	020810LCSA31		2514878	Carbon tetrachloride	117	80	120
	020810LCSA31		2514878	Chlorobenzene	100	78	118
	020810LCSA31		2514878	Chloroethane	99	51	133

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020810LCSA31	WATER	2514878	Chloroform	102	78	118
	020810LCSA31		2514878	Chloromethane	96.5	46	142
	020810LCSA31		2514878	Cis-1,2-DCE	106	75	115
	020810LCSA31		2514878	cis-1,3-Dichloropropene	99	76	113
	020810LCSA31		2514878	Dibromochloromethane	108	76	116
	020810LCSA31		2514878	Dibromomethane	99.5	77	117
	020810LCSA31		2514878	Dichlorodifluoromethane	92	56	140
	020810LCSA31		2514878	Ethylbenzene	103	78	118
	020810LCSA31		2514878	Hexachlorobutadiene	104	73	123
	020810LCSA31		2514878	Isopropylbenzene	102	71	113
	020810LCSA31		2514878	m,p-Xylene	102	78	118
	020810LCSA31		2514878	Methyl tert-Butyl Ether	95	58	116
	020810LCSA31		2514878	Methylene chloride	101	71	119
	020810LCSA31		2514878	Naphthalene	98	62	121
	020810LCSA31		2514878	n-Butylbenzene	106	76	117
	020810LCSA31		2514878	n-Propylbenzene	103	76	116
	020810LCSA31		2514878	o-Xylene	104	77	117
	020810LCSA31		2514878	p-Isopropyltoluene	99	76	113
	020810LCSA31		2514878	Sec-Butylbenzene	106	80	120
	020810LCSA31		2514878	Styrene	101	77	117
	020810LCSA31		2514878	tert-Butylbenzene	102	76	116
	020810LCSA31		2514878	Tetrachloroethene	104	77	117
	020810LCSA31		2514878	Toluene	106	73	120
	020810LCSA31		2514878	trans-1,2-Dichloroethene	102	80	120
	020810LCSA31		2514878	trans-1,3-Dichloropropene	98.5	72	117
	020810LCSA31		2514878	Trichloroethene	106	78	122
	020810LCSA31		2514878	Trichlorofluoromethane	108	65	190
	020810LCSA31		2514878	Vinyl chloride	100	49	136
	020810LCSA31		2514878	Xylenes, Total	102	77	117
	020810LCSA31D		2514878	1,1,1,2-Tetrachloroethane	100	77	117
	020810LCSA31D		2514878	1,1,1-Trichloroethane	104	78	118
	020810LCSA31D		2514878	1,1,2,2-Tetrachloroethane	89	73	119
	020810LCSA31D		2514878	1,1,2-Trichloroethane	95.5	76	116
	020810LCSA31D		2514878	1,1-Dichloroethane	94.5	77	117
	020810LCSA31D		2514878	1,1-Dichloroethene	92	66	133
	020810LCSA31D		2514878	1,1-Dichloropropene	98	75	115
	020810LCSA31D		2514878	1,2,3-Trichlorobenzene	100	66	123
	020810LCSA31D		2514878	1,2,3-Trichloropropane	91	84	118
	020810LCSA31D		2514878	1,2,4-Trichlorobenzene	97	73	121
	020810LCSA31D		2514878	1,2,4-Trimethylbenzene	93.5	77	120
	020810LCSA31D		2514878	1,2-Dibromo-3-chloropropane	96	65	117
	020810LCSA31D		2514878	1,2-Dibromoethane	92.5	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020810LCSA31D	WATER	2514878	1,2-Dichlorobenzene	93	76	116
	020810LCSA31D		2514878	1,2-Dichloroethane	96	74	120
	020810LCSA31D		2514878	1,2-Dichloropropane	91.5	76	116
	020810LCSA31D		2514878	1,3,5-Trimethylbenzene	97.5	77	117
	020810LCSA31D		2514878	1,3-Dichlorobenzene	92.5	75	115
	020810LCSA31D		2514878	1,3-Dichloropropane	89.5	75	115
	020810LCSA31D		2514878	1,4-Dichlorobenzene	91	77	117
	020810LCSA31D		2514878	2,2-Dichloropropane	101	72	128
	020810LCSA31D		2514878	**2-Butanone**	**124**	**57**	**120**
	020810LCSA31D		2514878	2-Chlorotoluene	92	76	116
	020810LCSA31D		2514878	2-Hexanone	102	57	121
	020810LCSA31D		2514878	4-Chlorotoluene	92	78	118
	020810LCSA31D		2514878	4-Methyl-2-Pentanone	95.5	65	118
	020810LCSA31D		2514878	Acetone	125	48	130
	020810LCSA31D		2514878	Benzene	93.5	77	118
	020810LCSA31D		2514878	Bromobenzene	91.5	75	115
	020810LCSA31D		2514878	Bromochloromethane	90.5	78	118
	020810LCSA31D		2514878	Bromodichloromethane	102	78	118
	020810LCSA31D		2514878	Bromoform	108	74	121
	020810LCSA31D		2514878	Bromomethane	94.5	42	154
	020810LCSA31D		2514878	Carbon Disulfide	91.5	56	104
	020810LCSA31D		2514878	Carbon tetrachloride	108	80	120
	020810LCSA31D		2514878	Chlorobenzene	92	78	118
	020810LCSA31D		2514878	Chloroethane	97.5	51	133
	020810LCSA31D		2514878	Chloroform	94.5	78	118
	020810LCSA31D		2514878	Chloromethane	89	46	142
	020810LCSA31D		2514878	Cis-1,2-DCE	97.5	75	115
	020810LCSA31D		2514878	cis-1,3-Dichloropropene	91.5	76	113
	020810LCSA31D		2514878	Dibromochloromethane	100	76	116
	020810LCSA31D		2514878	Dibromomethane	95	77	117
	020810LCSA31D		2514878	Dichlorodifluoromethane	83.5	56	140
	020810LCSA31D		2514878	Ethylbenzene	95.5	78	118
	020810LCSA31D		2514878	Hexachlorobutadiene	96	73	123
	020810LCSA31D		2514878	Isopropylbenzene	95.5	71	113
	020810LCSA31D		2514878	m,p-Xylene	91.5	78	118
	020810LCSA31D		2514878	Methyl tert-Butyl Ether	90	58	116
	020810LCSA31D		2514878	Methylene chloride	85	71	119
	020810LCSA31D		2514878	Naphthalene	95.5	62	121
	020810LCSA31D		2514878	n-Butylbenzene	97	76	117
	020810LCSA31D		2514878	n-Propylbenzene	95	76	116
	020810LCSA31D		2514878	o-Xylene	97	77	117
	020810LCSA31D		2514878	p-Isopropyltoluene	91	76	113

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	020810LCSA31D	WATER	2514878	Sec-Butylbenzene	96.5	80	120
	020810LCSA31D		2514878	Styrene	93.5	77	117
	020810LCSA31D		2514878	tert-Butylbenzene	97.5	76	116
	020810LCSA31D		2514878	Tetrachloroethene	93	77	117
	020810LCSA31D		2514878	Toluene	98	73	120
	020810LCSA31D		2514878	trans-1,2-Dichloroethene	96.5	80	120
	020810LCSA31D		2514878	trans-1,3-Dichloropropene	91.5	72	117
	020810LCSA31D		2514878	Trichloroethene	96	78	122
	020810LCSA31D		2514878	Trichlorofluoromethane	101	65	190
	020810LCSA31D		2514878	Vinyl chloride	92	49	136
	020810LCSA31D		2514878	Xylenes, Total	93.3	77	117
	101509LCS61		2513832	1,1,1,2-Tetrachloroethane	107	77	117
	101509LCS61		2513832	1,1,1-Trichloroethane	102	78	118
	101509LCS61		2513832	1,1,2,2-Tetrachloroethane	92	73	119
	101509LCS61		2513832	1,1,2-Trichloroethane	99.5	76	116
	101509LCS61		2513832	1,1-Dichloroethane	99	77	117
	101509LCS61		2513832	1,1-Dichloroethene	90	66	133
	101509LCS61		2513832	1,1-Dichloropropene	100	75	115
	101509LCS61		2513832	1,2,3-Trichlorobenzene	100	66	123
	101509LCS61		2513832	1,2,3-Trichloropropane	95.5	84	118
	101509LCS61		2513832	1,2,4-Trichlorobenzene	94.5	73	121
	101509LCS61		2513832	1,2,4-Trimethylbenzene	102	77	120
	101509LCS61		2513832	1,2-Dibromo-3-chloropropane	97	65	117
	101509LCS61		2513832	1,2-Dibromoethane	100	77	117
	101509LCS61		2513832	1,2-Dichlorobenzene	104	76	116
	101509LCS61		2513832	1,2-Dichloroethane	100	74	120
	101509LCS61		2513832	1,2-Dichloropropane	99	76	116
	101509LCS61		2513832	1,3,5-Trimethylbenzene	102	77	117
	101509LCS61		2513832	1,3-Dichlorobenzene	106	75	115
	101509LCS61		2513832	1,3-Dichloropropane	104	75	115
	101509LCS61		2513832	1,4-Dichlorobenzene	96.5	77	117
	101509LCS61		2513832	2,2-Dichloropropane	105	72	128
	101509LCS61		2513832	2-Butanone	112	57	120
	101509LCS61		2513832	2-Chlorotoluene	108	76	116
	101509LCS61		2513832	2-Hexanone	114	57	121
	101509LCS61		2513832	4-Chlorotoluene	107	78	118
	101509LCS61		2513832	4-Methyl-2-Pentanone	95.8	65	118
	101509LCS61		2513832	**Acetone**	**140**	**48**	**130**
	101509LCS61		2513832	Benzene	98	77	118
	101509LCS61		2513832	Bromobenzene	104	75	115
	101509LCS61		2513832	Bromochloromethane	100	78	118
	101509LCS61		2513832	Bromodichloromethane	104	78	118

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101509LCS61	WATER	2513832	Bromoform	101	74	121
	101509LCS61		2513832	Bromomethane	91	42	154
	101509LCS61		2513832	Carbon Disulfide	90.5	56	104
	101509LCS61		2513832	Carbon tetrachloride	99	80	120
	101509LCS61		2513832	Chlorobenzene	97	78	118
	101509LCS61		2513832	Chloroethane	94.5	51	133
	101509LCS61		2513832	Chloroform	95	78	118
	101509LCS61		2513832	Chloromethane	92.5	46	142
	101509LCS61		2513832	Cis-1,2-DCE	107	75	115
	101509LCS61		2513832	cis-1,3-Dichloropropene	112	76	113
	101509LCS61		2513832	Dibromochloromethane	104	76	116
	101509LCS61		2513832	Dibromomethane	101	77	117
	101509LCS61		2513832	Dichlorodifluoromethane	85.5	56	140
	101509LCS61		2513832	Ethylbenzene	103	78	118
	101509LCS61		2513832	Hexachlorobutadiene	104	73	123
	101509LCS61		2513832	Isopropylbenzene	99	71	113
	101509LCS61		2513832	m,p-Xylene	100	78	118
	101509LCS61		2513832	Methyl tert-Butyl Ether	106	58	116
	101509LCS61		2513832	**Methylene chloride**	**129**	**71**	**119**
	101509LCS61		2513832	Naphthalene	105	62	121
	101509LCS61		2513832	n-Butylbenzene	99.5	76	117
	101509LCS61		2513832	n-Propylbenzene	100	76	116
	101509LCS61		2513832	o-Xylene	100	77	117
	101509LCS61		2513832	p-Isopropyltoluene	99	76	113
	101509LCS61		2513832	Sec-Butylbenzene	97.5	80	120
	101509LCS61		2513832	Styrene	104	77	117
	101509LCS61		2513832	tert-Butylbenzene	96.5	76	116
	101509LCS61		2513832	Tetrachloroethene	97.5	77	117
	101509LCS61		2513832	Toluene	112	73	120
	101509LCS61		2513832	trans-1,2-Dichloroethene	99	80	120
	101509LCS61		2513832	trans-1,3-Dichloropropene	100	72	117
	101509LCS61		2513832	Trichloroethene	97	78	122
	101509LCS61		2513832	Trichlorofluoromethane	93	65	190
	101509LCS61		2513832	Vinyl chloride	88	49	136
	101509LCS61		2513832	Xylenes, Total	100	77	117
	101509LCS61D		2513832	1,1,1,2-Tetrachloroethane	107	77	117
	101509LCS61D		2513832	1,1,1-Trichloroethane	102	78	118
	101509LCS61D		2513832	1,1,2,2-Tetrachloroethane	94.5	73	119
	101509LCS61D		2513832	1,1,2-Trichloroethane	100	76	116
	101509LCS61D		2513832	1,1-Dichloroethane	100	77	117
	101509LCS61D		2513832	1,1-Dichloroethene	92	66	133
	101509LCS61D		2513832	1,1-Dichloropropene	103	75	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101509LCS61D	WATER	2513832	1,2,3-Trichlorobenzene	100	66	123
	101509LCS61D		2513832	1,2,3-Trichloropropane	96	84	118
	101509LCS61D		2513832	1,2,4-Trichlorobenzene	98.5	73	121
	101509LCS61D		2513832	1,2,4-Trimethylbenzene	104	77	120
	101509LCS61D		2513832	1,2-Dibromo-3-chloropropane	107	65	117
	101509LCS61D		2513832	1,2-Dibromoethane	104	77	117
	101509LCS61D		2513832	1,2-Dichlorobenzene	106	76	116
	101509LCS61D		2513832	1,2-Dichloroethane	101	74	120
	101509LCS61D		2513832	1,2-Dichloropropane	100	76	116
	101509LCS61D		2513832	1,3,5-Trimethylbenzene	104	77	117
	101509LCS61D		2513832	1,3-Dichlorobenzene	108	75	115
	101509LCS61D		2513832	1,3-Dichloropropane	104	75	115
	101509LCS61D		2513832	1,4-Dichlorobenzene	97.5	77	117
	101509LCS61D		2513832	2,2-Dichloropropane	106	72	128
	101509LCS61D		2513832	2-Butanone	113	57	120
	101509LCS61D		2513832	2-Chlorotoluene	107	76	116
	101509LCS61D		2513832	2-Hexanone	118	57	121
	101509LCS61D		2513832	4-Chlorotoluene	110	78	118
	101509LCS61D		2513832	4-Methyl-2-Pentanone	98.5	65	118
	101509LCS61D		2513832	**Acetone**	**137**	**48**	**130**
	101509LCS61D		2513832	Benzene	100	77	118
	101509LCS61D		2513832	Bromobenzene	105	75	115
	101509LCS61D		2513832	Bromochloromethane	100	78	118
	101509LCS61D		2513832	Bromodichloromethane	104	78	118
	101509LCS61D		2513832	Bromoform	101	74	121
	101509LCS61D		2513832	Bromomethane	91.5	42	154
	101509LCS61D		2513832	Carbon Disulfide	93	56	104
	101509LCS61D		2513832	Carbon tetrachloride	100	80	120
	101509LCS61D		2513832	Chlorobenzene	97.5	78	118
	101509LCS61D		2513832	Chloroethane	95	51	133
	101509LCS61D		2513832	Chloroform	96	78	118
	101509LCS61D		2513832	Chloromethane	96.5	46	142
	101509LCS61D		2513832	Cis-1,2-DCE	108	75	115
	101509LCS61D		2513832	**cis-1,3-Dichloropropene**	**114**	**76**	**113**
	101509LCS61D		2513832	Dibromochloromethane	104	76	116
	101509LCS61D		2513832	Dibromomethane	101	77	117
	101509LCS61D		2513832	Dichlorodifluoromethane	86	56	140
	101509LCS61D		2513832	Ethylbenzene	105	78	118
	101509LCS61D		2513832	Hexachlorobutadiene	106	73	123
	101509LCS61D		2513832	Isopropylbenzene	102	71	113
	101509LCS61D		2513832	m,p-Xylene	104	78	118
	101509LCS61D		2513832	Methyl tert-Butyl Ether	108	58	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101509LCS61D	WATER	2513832	**Methylene chloride**	**123**	**71**	**119**
	101509LCS61D		2513832	Naphthalene	101	62	121
	101509LCS61D		2513832	n-Butylbenzene	101	76	117
	101509LCS61D		2513832	n-Propylbenzene	103	76	116
	101509LCS61D		2513832	o-Xylene	100	77	117
	101509LCS61D		2513832	p-Isopropyltoluene	101	76	113
	101509LCS61D		2513832	Sec-Butylbenzene	100	80	120
	101509LCS61D		2513832	Styrene	104	77	117
	101509LCS61D		2513832	tert-Butylbenzene	101	76	116
	101509LCS61D		2513832	Tetrachloroethene	97.5	77	117
	101509LCS61D		2513832	Toluene	113	73	120
	101509LCS61D		2513832	trans-1,2-Dichloroethene	101	80	120
	101509LCS61D		2513832	trans-1,3-Dichloropropene	99.5	72	117
	101509LCS61D		2513832	Trichloroethene	98.5	78	122
	101509LCS61D		2513832	Trichlorofluoromethane	91.5	65	190
	101509LCS61D		2513832	Vinyl chloride	91.5	49	136
	101509LCS61D		2513832	Xylenes, Total	103	77	117
	101609LCSA31		2513818	1,1,1,2-Tetrachloroethane	91	77	117
	101609LCSA31		2513871	1,1,1,2-Tetrachloroethane	91	77	117
	101609LCSA31		2513871	1,1,1-Trichloroethane	93	78	118
	101609LCSA31		2513818	1,1,1-Trichloroethane	93	78	118
	101609LCSA31		2513871	1,1,2,2-Tetrachloroethane	95	73	119
	101609LCSA31		2513818	1,1,2,2-Tetrachloroethane	95	73	119
	101609LCSA31		2513871	1,1,2-Trichloroethane	92	76	116
	101609LCSA31		2513818	1,1,2-Trichloroethane	92	76	116
	101609LCSA31		2513871	1,1-Dichloroethane	90	77	117
	101609LCSA31		2513818	1,1-Dichloroethane	90	77	117
	101609LCSA31		2513871	1,1-Dichloroethene	86.5	66	133
	101609LCSA31		2513818	1,1-Dichloroethene	86.5	66	133
	101609LCSA31		2513871	1,1-Dichloropropene	96.5	75	115
	101609LCSA31		2513818	1,1-Dichloropropene	96.5	75	115
	101609LCSA31		2513871	1,2,3-Trichlorobenzene	106	66	123
	101609LCSA31		2513818	1,2,3-Trichlorobenzene	106	66	123
	101609LCSA31		2513871	1,2,3-Trichloropropane	89.5	84	118
	101609LCSA31		2513818	1,2,3-Trichloropropane	89.5	84	118
	101609LCSA31		2513871	1,2,4-Trichlorobenzene	104	73	121
	101609LCSA31		2513818	1,2,4-Trichlorobenzene	104	73	121
	101609LCSA31		2513871	1,2,4-Trimethylbenzene	104	77	120
	101609LCSA31		2513818	1,2,4-Trimethylbenzene	104	77	120
	101609LCSA31		2513871	1,2-Dibromo-3-chloropropane	82.5	65	117
	101609LCSA31		2513818	1,2-Dibromo-3-chloropropane	82.5	65	117
	101609LCSA31		2513871	1,2-Dibromoethane	89	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101609LCSA31	WATER	2513818	1,2-Dibromoethane	89	77	117
	101609LCSA31		2513818	1,2-Dichlorobenzene	97	76	116
	101609LCSA31		2513871	1,2-Dichlorobenzene	97	76	116
	101609LCSA31		2513818	1,2-Dichloroethane	92	74	120
	101609LCSA31		2513871	1,2-Dichloroethane	92	74	120
	101609LCSA31		2513818	1,2-Dichloropropane	94	76	116
	101609LCSA31		2513871	1,2-Dichloropropane	94	76	116
	101609LCSA31		2513871	1,3,5-Trimethylbenzene	105	77	117
	101609LCSA31		2513818	1,3,5-Trimethylbenzene	105	77	117
	101609LCSA31		2513871	1,3-Dichlorobenzene	97.5	75	115
	101609LCSA31		2513818	1,3-Dichlorobenzene	97.5	75	115
	101609LCSA31		2513871	1,3-Dichloropropane	94	75	115
	101609LCSA31		2513818	1,3-Dichloropropane	94	75	115
	101609LCSA31		2513871	1,4-Dichlorobenzene	93	77	117
	101609LCSA31		2513818	1,4-Dichlorobenzene	93	77	117
	101609LCSA31		2513871	2,2-Dichloropropane	95	72	128
	101609LCSA31		2513818	2,2-Dichloropropane	95	72	128
	101609LCSA31		2513871	2-Butanone	96	57	120
	101609LCSA31		2513818	2-Butanone	96	57	120
	101609LCSA31		2513871	2-Chlorotoluene	99	76	116
	101609LCSA31		2513818	2-Chlorotoluene	99	76	116
	101609LCSA31		2513818	2-Hexanone	90	57	121
	101609LCSA31		2513871	2-Hexanone	90	57	121
	101609LCSA31		2513818	4-Chlorotoluene	99	78	118
	101609LCSA31		2513871	4-Chlorotoluene	99	78	118
	101609LCSA31		2513871	4-Methyl-2-Pentanone	90.8	65	118
	101609LCSA31		2513818	4-Methyl-2-Pentanone	90.8	65	118
	101609LCSA31		2513871	Acetone	95.2	48	130
	101609LCSA31		2513818	Acetone	95.2	48	130
	101609LCSA31		2513871	Benzene	91.5	77	118
	101609LCSA31		2513818	Benzene	91.5	77	118
	101609LCSA31		2513818	Bromobenzene	97.5	75	115
	101609LCSA31		2513871	Bromobenzene	97.5	75	115
	101609LCSA31		2513871	Bromochloromethane	90.5	78	118
	101609LCSA31		2513818	Bromochloromethane	90.5	78	118
	101609LCSA31		2513871	Bromodichloromethane	89.5	78	118
	101609LCSA31		2513818	Bromodichloromethane	89.5	78	118
	101609LCSA31		2513818	Bromoform	81.5	74	121
	101609LCSA31		2513871	Bromoform	81.5	74	121
	101609LCSA31		2513818	Bromomethane	93	42	154
	101609LCSA31		2513871	Bromomethane	93	42	154
	101609LCSA31		2513818	Carbon Disulfide	94.5	56	104

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101609LCSA31	WATER	2513871	Carbon Disulfide	94.5	56	104
	101609LCSA31		2513871	Carbon tetrachloride	89.5	80	120
	101609LCSA31		2513818	Carbon tetrachloride	89.5	80	120
	101609LCSA31		2513818	Chlorobenzene	91	78	118
	101609LCSA31		2513871	Chlorobenzene	91	78	118
	101609LCSA31		2513871	Chloroethane	97.5	51	133
	101609LCSA31		2513818	Chloroethane	97.5	51	133
	101609LCSA31		2513818	Chloroform	87	78	118
	101609LCSA31		2513871	Chloroform	87	78	118
	101609LCSA31		2513871	Chloromethane	91	46	142
	101609LCSA31		2513818	Chloromethane	91	46	142
	101609LCSA31		2513871	Cis-1,2-DCE	95	75	115
	101609LCSA31		2513818	Cis-1,2-DCE	95	75	115
	101609LCSA31		2513871	cis-1,3-Dichloropropene	95	76	113
	101609LCSA31		2513818	cis-1,3-Dichloropropene	95	76	113
	101609LCSA31		2513818	Dibromochloromethane	89	76	116
	101609LCSA31		2513871	Dibromochloromethane	89	76	116
	101609LCSA31		2513818	Dibromomethane	89.5	77	117
	101609LCSA31		2513871	Dibromomethane	89.5	77	117
	101609LCSA31		2513818	Dichlorodifluoromethane	97	56	140
	101609LCSA31		2513871	Dichlorodifluoromethane	97	56	140
	101609LCSA31		2513818	Ethylbenzene	92.5	78	118
	101609LCSA31		2513871	Ethylbenzene	92.5	78	118
	101609LCSA31		2513871	Hexachlorobutadiene	108	73	123
	101609LCSA31		2513818	Hexachlorobutadiene	108	73	123
	101609LCSA31		2513871	Isopropylbenzene	102	71	113
	101609LCSA31		2513818	Isopropylbenzene	102	71	113
	101609LCSA31		2513871	m,p-Xylene	95	78	118
	101609LCSA31		2513818	m,p-Xylene	95	78	118
	101609LCSA31		2513871	Methyl tert-Butyl Ether	104	58	116
	101609LCSA31		2513818	Methyl tert-Butyl Ether	104	58	116
	101609LCSA31		2513871	Methylene chloride	100	71	119
	101609LCSA31		2513818	Methylene chloride	100	71	119
	101609LCSA31		2513818	Naphthalene	98.5	62	121
	101609LCSA31		2513871	Naphthalene	98.5	62	121
	101609LCSA31		2513871	n-Butylbenzene	102	76	117
	101609LCSA31		2513818	n-Butylbenzene	102	76	117
	101609LCSA31		2513871	n-Propylbenzene	103	76	116
	101609LCSA31		2513818	n-Propylbenzene	103	76	116
	101609LCSA31		2513818	o-Xylene	99	77	117
	101609LCSA31		2513871	o-Xylene	99	77	117
	101609LCSA31		2513871	p-Isopropyltoluene	106	76	113

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101609LCSA31	WATER	2513818	p-Isopropyltoluene	106	76	113
	101609LCSA31		2513871	Sec-Butylbenzene	102	80	120
	101609LCSA31		2513818	Sec-Butylbenzene	102	80	120
	101609LCSA31		2513871	Styrene	100	77	117
	101609LCSA31		2513818	Styrene	100	77	117
	101609LCSA31		2513871	tert-Butylbenzene	110	76	116
	101609LCSA31		2513818	tert-Butylbenzene	110	76	116
	101609LCSA31		2513871	Tetrachloroethene	93	77	117
	101609LCSA31		2513818	Tetrachloroethene	93	77	117
	101609LCSA31		2513871	Toluene	98	73	120
	101609LCSA31		2513818	Toluene	98	73	120
	101609LCSA31		2513818	trans-1,2-Dichloroethene	90	80	120
	101609LCSA31		2513871	trans-1,2-Dichloroethene	90	80	120
	101609LCSA31		2513818	trans-1,3-Dichloropropene	95.5	72	117
	101609LCSA31		2513871	trans-1,3-Dichloropropene	95.5	72	117
	101609LCSA31		2513818	Trichloroethene	92.5	78	122
	101609LCSA31		2513871	Trichloroethene	92.5	78	122
	101609LCSA31		2513818	Trichlorofluoromethane	102	65	190
	101609LCSA31		2513871	Trichlorofluoromethane	102	65	190
	101609LCSA31		2513818	Vinyl chloride	95	49	136
	101609LCSA31		2513871	Vinyl chloride	95	49	136
	101609LCSA31		2513818	Xylenes, Total	96.3	77	117
	101609LCSA31		2513871	Xylenes, Total	96.3	77	117
	101909LCSA31		2513858	1,1,1,2-Tetrachloroethane	97	77	117
	101909LCSA31		2513891	1,1,1,2-Tetrachloroethane	97	77	117
	101909LCSA31		2513819	1,1,1,2-Tetrachloroethane	97	77	117
	101909LCSA31		2513858	1,1,1-Trichloroethane	97	78	118
	101909LCSA31		2513891	1,1,1-Trichloroethane	97	78	118
	101909LCSA31		2513819	1,1,1-Trichloroethane	97	78	118
	101909LCSA31		2513858	1,1,2,2-Tetrachloroethane	99	73	119
	101909LCSA31		2513891	1,1,2,2-Tetrachloroethane	99	73	119
	101909LCSA31		2513819	1,1,2,2-Tetrachloroethane	99	73	119
	101909LCSA31		2513819	1,1,2-Trichloroethane	94	76	116
	101909LCSA31		2513891	1,1,2-Trichloroethane	94	76	116
	101909LCSA31		2513858	1,1,2-Trichloroethane	94	76	116
	101909LCSA31		2513858	1,1-Dichloroethane	94	77	117
	101909LCSA31		2513891	1,1-Dichloroethane	94	77	117
	101909LCSA31		2513819	1,1-Dichloroethane	94	77	117
	101909LCSA31		2513891	1,1-Dichloroethene	94.5	66	133
	101909LCSA31		2513858	1,1-Dichloroethene	94.5	66	133
	101909LCSA31		2513819	1,1-Dichloroethene	94.5	66	133
	101909LCSA31		2513858	1,1-Dichloropropene	99.5	75	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101909LCSA31	WATER	2513819	1,1-Dichloropropene	99.5	75	115
	101909LCSA31		2513891	1,1-Dichloropropene	99.5	75	115
	101909LCSA31		2513858	1,2,3-Trichlorobenzene	106	66	123
	101909LCSA31		2513819	1,2,3-Trichlorobenzene	106	66	123
	101909LCSA31		2513891	1,2,3-Trichlorobenzene	106	66	123
	101909LCSA31		2513891	1,2,3-Trichloropropane	92	84	118
	101909LCSA31		2513819	1,2,3-Trichloropropane	92	84	118
	101909LCSA31		2513858	1,2,3-Trichloropropane	92	84	118
	101909LCSA31		2513819	1,2,4-Trichlorobenzene	106	73	121
	101909LCSA31		2513891	1,2,4-Trichlorobenzene	106	73	121
	101909LCSA31		2513858	1,2,4-Trichlorobenzene	106	73	121
	101909LCSA31		2513819	1,2,4-Trimethylbenzene	102	77	120
	101909LCSA31		2513858	1,2,4-Trimethylbenzene	102	77	120
	101909LCSA31		2513891	1,2,4-Trimethylbenzene	102	77	120
	101909LCSA31		2513891	1,2-Dibromo-3-chloropropane	89	65	117
	101909LCSA31		2513819	1,2-Dibromo-3-chloropropane	89	65	117
	101909LCSA31		2513858	1,2-Dibromo-3-chloropropane	89	65	117
	101909LCSA31		2513891	1,2-Dibromoethane	97	77	117
	101909LCSA31		2513858	1,2-Dibromoethane	97	77	117
	101909LCSA31		2513819	1,2-Dibromoethane	97	77	117
	101909LCSA31		2513819	1,2-Dichlorobenzene	100	76	116
	101909LCSA31		2513891	1,2-Dichlorobenzene	100	76	116
	101909LCSA31		2513858	1,2-Dichlorobenzene	100	76	116
	101909LCSA31		2513858	1,2-Dichloroethane	97.5	74	120
	101909LCSA31		2513891	1,2-Dichloroethane	97.5	74	120
	101909LCSA31		2513819	1,2-Dichloroethane	97.5	74	120
	101909LCSA31		2513891	1,2-Dichloropropane	97	76	116
	101909LCSA31		2513858	1,2-Dichloropropane	97	76	116
	101909LCSA31		2513819	1,2-Dichloropropane	97	76	116
	101909LCSA31		2513819	1,3,5-Trimethylbenzene	102	77	117
	101909LCSA31		2513891	1,3,5-Trimethylbenzene	102	77	117
	101909LCSA31		2513858	1,3,5-Trimethylbenzene	102	77	117
	101909LCSA31		2513858	1,3-Dichlorobenzene	100	75	115
	101909LCSA31		2513819	1,3-Dichlorobenzene	100	75	115
	101909LCSA31		2513891	1,3-Dichlorobenzene	100	75	115
	101909LCSA31		2513819	1,3-Dichloropropane	97	75	115
	101909LCSA31		2513858	1,3-Dichloropropane	97	75	115
	101909LCSA31		2513891	1,3-Dichloropropane	97	75	115
	101909LCSA31		2513891	1,4-Dichlorobenzene	94	77	117
	101909LCSA31		2513819	1,4-Dichlorobenzene	94	77	117
	101909LCSA31		2513858	1,4-Dichlorobenzene	94	77	117
	101909LCSA31		2513819	2,2-Dichloropropane	103	72	128

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101909LCSA31	WATER	2513891	2,2-Dichloropropane	103	72	128
	101909LCSA31		2513858	2,2-Dichloropropane	103	72	128
	101909LCSA31		2513858	2-Butanone	110	57	120
	101909LCSA31		2513819	2-Butanone	110	57	120
	101909LCSA31		2513891	2-Butanone	110	57	120
	101909LCSA31		2513858	2-Chlorotoluene	99	76	116
	101909LCSA31		2513891	2-Chlorotoluene	99	76	116
	101909LCSA31		2513819	2-Chlorotoluene	99	76	116
	101909LCSA31		2513819	2-Hexanone	102	57	121
	101909LCSA31		2513891	2-Hexanone	102	57	121
	101909LCSA31		2513858	2-Hexanone	102	57	121
	101909LCSA31		2513819	4-Chlorotoluene	98.5	78	118
	101909LCSA31		2513858	4-Chlorotoluene	98.5	78	118
	101909LCSA31		2513891	4-Chlorotoluene	98.5	78	118
	101909LCSA31		2513858	4-Methyl-2-Pentanone	98.8	65	118
	101909LCSA31		2513819	4-Methyl-2-Pentanone	98.8	65	118
	101909LCSA31		2513891	4-Methyl-2-Pentanone	98.8	65	118
	101909LCSA31		2513819	Acetone	122	48	130
	101909LCSA31		2513891	Acetone	122	48	130
	101909LCSA31		2513858	Acetone	122	48	130
	101909LCSA31		2513858	Benzene	97.5	77	118
	101909LCSA31		2513819	Benzene	97.5	77	118
	101909LCSA31		2513891	Benzene	97.5	77	118
	101909LCSA31		2513891	Bromobenzene	98.5	75	115
	101909LCSA31		2513858	Bromobenzene	98.5	75	115
	101909LCSA31		2513819	Bromobenzene	98.5	75	115
	101909LCSA31		2513858	Bromochloromethane	97	78	118
	101909LCSA31		2513891	Bromochloromethane	97	78	118
	101909LCSA31		2513819	Bromochloromethane	97	78	118
	101909LCSA31		2513858	Bromodichloromethane	95.5	78	118
	101909LCSA31		2513819	Bromodichloromethane	95.5	78	118
	101909LCSA31		2513891	Bromodichloromethane	95.5	78	118
	101909LCSA31		2513858	Bromoform	91	74	121
	101909LCSA31		2513891	Bromoform	91	74	121
	101909LCSA31		2513819	Bromoform	91	74	121
	101909LCSA31		2513858	Bromomethane	104	42	154
	101909LCSA31		2513891	Bromomethane	104	42	154
	101909LCSA31		2513819	Bromomethane	104	42	154
	101909LCSA31		2513858	**Carbon Disulfide**	**105**	**56**	**104**
	101909LCSA31		2513819	**Carbon Disulfide**	**105**	**56**	**104**
	101909LCSA31		2513891	**Carbon Disulfide**	**105**	**56**	**104**
	101909LCSA31		2513858	Carbon tetrachloride	98	80	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101909LCSA31	WATER	2513891	Carbon tetrachloride	98	80	120
	101909LCSA31		2513819	Carbon tetrachloride	98	80	120
	101909LCSA31		2513858	Chlorobenzene	95.5	78	118
	101909LCSA31		2513891	Chlorobenzene	95.5	78	118
	101909LCSA31		2513819	Chlorobenzene	95.5	78	118
	101909LCSA31		2513858	Chloroethane	105	51	133
	101909LCSA31		2513891	Chloroethane	105	51	133
	101909LCSA31		2513819	Chloroethane	105	51	133
	101909LCSA31		2513819	Chloroform	90	78	118
	101909LCSA31		2513858	Chloroform	90	78	118
	101909LCSA31		2513891	Chloroform	90	78	118
	101909LCSA31		2513891	Chloromethane	93	46	142
	101909LCSA31		2513819	Chloromethane	93	46	142
	101909LCSA31		2513858	Chloromethane	93	46	142
	101909LCSA31		2513858	Cis-1,2-DCE	98	75	115
	101909LCSA31		2513819	Cis-1,2-DCE	98	75	115
	101909LCSA31		2513891	Cis-1,2-DCE	98	75	115
	101909LCSA31		2513819	cis-1,3-Dichloropropene	100	76	113
	101909LCSA31		2513891	cis-1,3-Dichloropropene	100	76	113
	101909LCSA31		2513858	cis-1,3-Dichloropropene	100	76	113
	101909LCSA31		2513891	Dibromochloromethane	95.5	76	116
	101909LCSA31		2513819	Dibromochloromethane	95.5	76	116
	101909LCSA31		2513858	Dibromochloromethane	95.5	76	116
	101909LCSA31		2513819	Dibromomethane	99.5	77	117
	101909LCSA31		2513891	Dibromomethane	99.5	77	117
	101909LCSA31		2513858	Dibromomethane	99.5	77	117
	101909LCSA31		2513819	Dichlorodifluoromethane	112	56	140
	101909LCSA31		2513858	Dichlorodifluoromethane	112	56	140
	101909LCSA31		2513891	Dichlorodifluoromethane	112	56	140
	101909LCSA31		2513858	Ethylbenzene	96.5	78	118
	101909LCSA31		2513891	Ethylbenzene	96.5	78	118
	101909LCSA31		2513819	Ethylbenzene	96.5	78	118
	101909LCSA31		2513891	Hexachlorobutadiene	112	73	123
	101909LCSA31		2513858	Hexachlorobutadiene	112	73	123
	101909LCSA31		2513819	Hexachlorobutadiene	112	73	123
	101909LCSA31		2513819	Isopropylbenzene	102	71	113
	101909LCSA31		2513891	Isopropylbenzene	102	71	113
	101909LCSA31		2513858	Isopropylbenzene	102	71	113
	101909LCSA31		2513858	m,p-Xylene	100	78	118
	101909LCSA31		2513819	m,p-Xylene	100	78	118
	101909LCSA31		2513891	m,p-Xylene	100	78	118
	101909LCSA31		2513819	Methyl tert-Butyl Ether	104	58	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101909LCSA31	WATER	2513858	Methyl tert-Butyl Ether	104	58	116
	101909LCSA31		2513891	Methyl tert-Butyl Ether	104	58	116
	101909LCSA31		2513858	Methylene chloride	106	71	119
	101909LCSA31		2513891	Methylene chloride	106	71	119
	101909LCSA31		2513819	Methylene chloride	106	71	119
	101909LCSA31		2513819	Naphthalene	98.5	62	121
	101909LCSA31		2513858	Naphthalene	98.5	62	121
	101909LCSA31		2513891	Naphthalene	98.5	62	121
	101909LCSA31		2513891	n-Butylbenzene	103	76	117
	101909LCSA31		2513819	n-Butylbenzene	103	76	117
	101909LCSA31		2513858	n-Butylbenzene	103	76	117
	101909LCSA31		2513891	n-Propylbenzene	104	76	116
	101909LCSA31		2513819	n-Propylbenzene	104	76	116
	101909LCSA31		2513858	n-Propylbenzene	104	76	116
	101909LCSA31		2513858	o-Xylene	102	77	117
	101909LCSA31		2513891	o-Xylene	102	77	117
	101909LCSA31		2513819	o-Xylene	102	77	117
	101909LCSA31		2513819	p-Isopropyltoluene	106	76	113
	101909LCSA31		2513858	p-Isopropyltoluene	106	76	113
	101909LCSA31		2513891	p-Isopropyltoluene	106	76	113
	101909LCSA31		2513891	Sec-Butylbenzene	104	80	120
	101909LCSA31		2513819	Sec-Butylbenzene	104	80	120
	101909LCSA31		2513858	Sec-Butylbenzene	104	80	120
	101909LCSA31		2513819	Styrene	106	77	117
	101909LCSA31		2513891	Styrene	106	77	117
	101909LCSA31		2513858	Styrene	106	77	117
	101909LCSA31		2513819	tert-Butylbenzene	93.5	76	116
	101909LCSA31		2513891	tert-Butylbenzene	93.5	76	116
	101909LCSA31		2513858	tert-Butylbenzene	93.5	76	116
	101909LCSA31		2513858	Tetrachloroethene	100	77	117
	101909LCSA31		2513891	Tetrachloroethene	100	77	117
	101909LCSA31		2513819	Tetrachloroethene	100	77	117
	101909LCSA31		2513819	Toluene	105	73	120
	101909LCSA31		2513858	Toluene	105	73	120
	101909LCSA31		2513891	Toluene	105	73	120
	101909LCSA31		2513891	trans-1,2-Dichloroethene	95.5	80	120
	101909LCSA31		2513819	trans-1,2-Dichloroethene	95.5	80	120
	101909LCSA31		2513858	trans-1,2-Dichloroethene	95.5	80	120
	101909LCSA31		2513858	trans-1,3-Dichloropropene	101	72	117
	101909LCSA31		2513891	trans-1,3-Dichloropropene	101	72	117
	101909LCSA31		2513819	trans-1,3-Dichloropropene	101	72	117
	101909LCSA31		2513858	Trichloroethene	95	78	122

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101909LCSA31	WATER	2513819	Trichloroethene	95	78	122
	101909LCSA31		2513891	Trichloroethene	95	78	122
	101909LCSA31		2513858	Trichlorofluoromethane	110	65	190
	101909LCSA31		2513819	Trichlorofluoromethane	110	65	190
	101909LCSA31		2513891	Trichlorofluoromethane	110	65	190
	101909LCSA31		2513891	Vinyl chloride	104	49	136
	101909LCSA31		2513819	Vinyl chloride	104	49	136
	101909LCSA31		2513858	Vinyl chloride	104	49	136
	101909LCSA31		2513819	Xylenes, Total	100	77	117
	101909LCSA31		2513891	Xylenes, Total	100	77	117
	101909LCSA31		2513858	Xylenes, Total	100	77	117
	101909LCSA31D		2513858	1,1,1,2-Tetrachloroethane	90.5	77	117
	101909LCSA31D		2513819	1,1,1,2-Tetrachloroethane	90.5	77	117
	101909LCSA31D		2513891	1,1,1,2-Tetrachloroethane	90.5	77	117
	101909LCSA31D		2513819	1,1,1-Trichloroethane	91.5	78	118
	101909LCSA31D		2513858	1,1,1-Trichloroethane	91.5	78	118
	101909LCSA31D		2513891	1,1,1-Trichloroethane	91.5	78	118
	101909LCSA31D		2513858	1,1,2,2-Tetrachloroethane	94	73	119
	101909LCSA31D		2513819	1,1,2,2-Tetrachloroethane	94	73	119
	101909LCSA31D		2513891	1,1,2,2-Tetrachloroethane	94	73	119
	101909LCSA31D		2513891	1,1,2-Trichloroethane	94	76	116
	101909LCSA31D		2513858	1,1,2-Trichloroethane	94	76	116
	101909LCSA31D		2513819	1,1,2-Trichloroethane	94	76	116
	101909LCSA31D		2513858	1,1-Dichloroethane	92	77	117
	101909LCSA31D		2513891	1,1-Dichloroethane	92	77	117
	101909LCSA31D		2513819	1,1-Dichloroethane	92	77	117
	101909LCSA31D		2513858	1,1-Dichloroethene	90	66	133
	101909LCSA31D		2513891	1,1-Dichloroethene	90	66	133
	101909LCSA31D		2513819	1,1-Dichloroethene	90	66	133
	101909LCSA31D		2513891	1,1-Dichloropropene	96.5	75	115
	101909LCSA31D		2513858	1,1-Dichloropropene	96.5	75	115
	101909LCSA31D		2513819	1,1-Dichloropropene	96.5	75	115
	101909LCSA31D		2513819	1,2,3-Trichlorobenzene	108	66	123
	101909LCSA31D		2513858	1,2,3-Trichlorobenzene	108	66	123
	101909LCSA31D		2513891	1,2,3-Trichlorobenzene	108	66	123
	101909LCSA31D		2513819	1,2,3-Trichloropropane	89.5	84	118
	101909LCSA31D		2513891	1,2,3-Trichloropropane	89.5	84	118
	101909LCSA31D		2513858	1,2,3-Trichloropropane	89.5	84	118
	101909LCSA31D		2513891	1,2,4-Trichlorobenzene	106	73	121
	101909LCSA31D		2513858	1,2,4-Trichlorobenzene	106	73	121
	101909LCSA31D		2513819	1,2,4-Trichlorobenzene	106	73	121
	101909LCSA31D		2513891	1,2,4-Trimethylbenzene	97	77	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101909LCSA31D	WATER	2513858	1,2,4-Trimethylbenzene	97	77	120
	101909LCSA31D		2513819	1,2,4-Trimethylbenzene	97	77	120
	101909LCSA31D		2513858	1,2-Dibromo-3-chloropropane	94.5	65	117
	101909LCSA31D		2513819	1,2-Dibromo-3-chloropropane	94.5	65	117
	101909LCSA31D		2513891	1,2-Dibromo-3-chloropropane	94.5	65	117
	101909LCSA31D		2513819	1,2-Dibromoethane	94.5	77	117
	101909LCSA31D		2513858	1,2-Dibromoethane	94.5	77	117
	101909LCSA31D		2513891	1,2-Dibromoethane	94.5	77	117
	101909LCSA31D		2513891	1,2-Dichlorobenzene	94.5	76	116
	101909LCSA31D		2513858	1,2-Dichlorobenzene	94.5	76	116
	101909LCSA31D		2513819	1,2-Dichlorobenzene	94.5	76	116
	101909LCSA31D		2513858	1,2-Dichloroethane	94	74	120
	101909LCSA31D		2513819	1,2-Dichloroethane	94	74	120
	101909LCSA31D		2513891	1,2-Dichloroethane	94	74	120
	101909LCSA31D		2513858	1,2-Dichloropropane	94	76	116
	101909LCSA31D		2513819	1,2-Dichloropropane	94	76	116
	101909LCSA31D		2513891	1,2-Dichloropropane	94	76	116
	101909LCSA31D		2513819	1,3,5-Trimethylbenzene	99	77	117
	101909LCSA31D		2513891	1,3,5-Trimethylbenzene	99	77	117
	101909LCSA31D		2513858	1,3,5-Trimethylbenzene	99	77	117
	101909LCSA31D		2513891	1,3-Dichlorobenzene	97	75	115
	101909LCSA31D		2513819	1,3-Dichlorobenzene	97	75	115
	101909LCSA31D		2513858	1,3-Dichlorobenzene	97	75	115
	101909LCSA31D		2513891	1,3-Dichloropropane	93	75	115
	101909LCSA31D		2513858	1,3-Dichloropropane	93	75	115
	101909LCSA31D		2513819	1,3-Dichloropropane	93	75	115
	101909LCSA31D		2513891	1,4-Dichlorobenzene	88	77	117
	101909LCSA31D		2513819	1,4-Dichlorobenzene	88	77	117
	101909LCSA31D		2513858	1,4-Dichlorobenzene	88	77	117
	101909LCSA31D		2513891	2,2-Dichloropropane	98	72	128
	101909LCSA31D		2513858	2,2-Dichloropropane	98	72	128
	101909LCSA31D		2513819	2,2-Dichloropropane	98	72	128
	101909LCSA31D		2513858	2-Butanone	110	57	120
	101909LCSA31D		2513819	2-Butanone	110	57	120
	101909LCSA31D		2513891	2-Butanone	110	57	120
	101909LCSA31D		2513819	2-Chlorotoluene	92.5	76	116
	101909LCSA31D		2513858	2-Chlorotoluene	92.5	76	116
	101909LCSA31D		2513891	2-Chlorotoluene	92.5	76	116
	101909LCSA31D		2513858	2-Hexanone	102	57	121
	101909LCSA31D		2513819	2-Hexanone	102	57	121
	101909LCSA31D		2513891	2-Hexanone	102	57	121
	101909LCSA31D		2513819	4-Chlorotoluene	95.5	78	118

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101909LCSA31D	WATER	2513891	4-Chlorotoluene	95.5	78	118
	101909LCSA31D		2513858	4-Chlorotoluene	95.5	78	118
	101909LCSA31D		2513819	4-Methyl-2-Pentanone	102	65	118
	101909LCSA31D		2513891	4-Methyl-2-Pentanone	102	65	118
	101909LCSA31D		2513858	4-Methyl-2-Pentanone	102	65	118
	101909LCSA31D		2513819	Acetone	115	48	130
	101909LCSA31D		2513891	Acetone	115	48	130
	101909LCSA31D		2513858	Acetone	115	48	130
	101909LCSA31D		2513858	Benzene	93.5	77	118
	101909LCSA31D		2513819	Benzene	93.5	77	118
	101909LCSA31D		2513891	Benzene	93.5	77	118
	101909LCSA31D		2513858	Bromobenzene	94	75	115
	101909LCSA31D		2513819	Bromobenzene	94	75	115
	101909LCSA31D		2513891	Bromobenzene	94	75	115
	101909LCSA31D		2513858	Bromochloromethane	96	78	118
	101909LCSA31D		2513819	Bromochloromethane	96	78	118
	101909LCSA31D		2513891	Bromochloromethane	96	78	118
	101909LCSA31D		2513819	Bromodichloromethane	91	78	118
	101909LCSA31D		2513858	Bromodichloromethane	91	78	118
	101909LCSA31D		2513891	Bromodichloromethane	91	78	118
	101909LCSA31D		2513819	Bromoform	91	74	121
	101909LCSA31D		2513891	Bromoform	91	74	121
	101909LCSA31D		2513858	Bromoform	91	74	121
	101909LCSA31D		2513858	Bromomethane	97	42	154
	101909LCSA31D		2513891	Bromomethane	97	42	154
	101909LCSA31D		2513819	Bromomethane	97	42	154
	101909LCSA31D		2513819	Carbon Disulfide	99.5	56	104
	101909LCSA31D		2513858	Carbon Disulfide	99.5	56	104
	101909LCSA31D		2513891	Carbon Disulfide	99.5	56	104
	101909LCSA31D		2513819	Carbon tetrachloride	91	80	120
	101909LCSA31D		2513858	Carbon tetrachloride	91	80	120
	101909LCSA31D		2513891	Carbon tetrachloride	91	80	120
	101909LCSA31D		2513819	Chlorobenzene	88.5	78	118
	101909LCSA31D		2513858	Chlorobenzene	88.5	78	118
	101909LCSA31D		2513891	Chlorobenzene	88.5	78	118
	101909LCSA31D		2513819	Chloroethane	99.5	51	133
	101909LCSA31D		2513891	Chloroethane	99.5	51	133
	101909LCSA31D		2513858	Chloroethane	99.5	51	133
	101909LCSA31D		2513858	Chloroform	85.5	78	118
	101909LCSA31D		2513819	Chloroform	85.5	78	118
	101909LCSA31D		2513891	Chloroform	85.5	78	118
	101909LCSA31D		2513891	Chloromethane	92	46	142

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101909LCSA31D	WATER	2513858	Chloromethane	92	46	142
	101909LCSA31D		2513819	Chloromethane	92	46	142
	101909LCSA31D		2513858	Cis-1,2-DCE	91	75	115
	101909LCSA31D		2513819	Cis-1,2-DCE	91	75	115
	101909LCSA31D		2513891	Cis-1,2-DCE	91	75	115
	101909LCSA31D		2513819	cis-1,3-Dichloropropene	96.5	76	113
	101909LCSA31D		2513891	cis-1,3-Dichloropropene	96.5	76	113
	101909LCSA31D		2513858	cis-1,3-Dichloropropene	96.5	76	113
	101909LCSA31D		2513819	Dibromochloromethane	90	76	116
	101909LCSA31D		2513891	Dibromochloromethane	90	76	116
	101909LCSA31D		2513858	Dibromochloromethane	90	76	116
	101909LCSA31D		2513819	Dibromomethane	100	77	117
	101909LCSA31D		2513891	Dibromomethane	100	77	117
	101909LCSA31D		2513858	Dibromomethane	100	77	117
	101909LCSA31D		2513819	Dichlorodifluoromethane	108	56	140
	101909LCSA31D		2513891	Dichlorodifluoromethane	108	56	140
	101909LCSA31D		2513858	Dichlorodifluoromethane	108	56	140
	101909LCSA31D		2513891	Ethylbenzene	90	78	118
	101909LCSA31D		2513819	Ethylbenzene	90	78	118
	101909LCSA31D		2513858	Ethylbenzene	90	78	118
	101909LCSA31D		2513858	Hexachlorobutadiene	102	73	123
	101909LCSA31D		2513891	Hexachlorobutadiene	102	73	123
	101909LCSA31D		2513819	Hexachlorobutadiene	102	73	123
	101909LCSA31D		2513819	Isopropylbenzene	97	71	113
	101909LCSA31D		2513891	Isopropylbenzene	97	71	113
	101909LCSA31D		2513858	Isopropylbenzene	97	71	113
	101909LCSA31D		2513891	m,p-Xylene	94.2	78	118
	101909LCSA31D		2513858	m,p-Xylene	94.2	78	118
	101909LCSA31D		2513819	m,p-Xylene	94.2	78	118
	101909LCSA31D		2513891	Methyl tert-Butyl Ether	106	58	116
	101909LCSA31D		2513858	Methyl tert-Butyl Ether	106	58	116
	101909LCSA31D		2513819	Methyl tert-Butyl Ether	106	58	116
	101909LCSA31D		2513891	Methylene chloride	102	71	119
	101909LCSA31D		2513858	Methylene chloride	102	71	119
	101909LCSA31D		2513819	Methylene chloride	102	71	119
	101909LCSA31D		2513819	Naphthalene	104	62	121
	101909LCSA31D		2513858	Naphthalene	104	62	121
	101909LCSA31D		2513891	Naphthalene	104	62	121
	101909LCSA31D		2513858	n-Butylbenzene	99	76	117
	101909LCSA31D		2513819	n-Butylbenzene	99	76	117
	101909LCSA31D		2513891	n-Butylbenzene	99	76	117
	101909LCSA31D		2513858	n-Propylbenzene	98	76	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	101909LCSA31D	WATER	2513819	n-Propylbenzene	98	76	116
	101909LCSA31D		2513891	n-Propylbenzene	98	76	116
	101909LCSA31D		2513858	o-Xylene	100	77	117
	101909LCSA31D		2513891	o-Xylene	100	77	117
	101909LCSA31D		2513819	o-Xylene	100	77	117
	101909LCSA31D		2513819	p-Isopropyltoluene	102	76	113
	101909LCSA31D		2513891	p-Isopropyltoluene	102	76	113
	101909LCSA31D		2513858	p-Isopropyltoluene	102	76	113
	101909LCSA31D		2513819	Sec-Butylbenzene	98.5	80	120
	101909LCSA31D		2513858	Sec-Butylbenzene	98.5	80	120
	101909LCSA31D		2513891	Sec-Butylbenzene	98.5	80	120
	101909LCSA31D		2513858	Styrene	96.5	77	117
	101909LCSA31D		2513819	Styrene	96.5	77	117
	101909LCSA31D		2513891	Styrene	96.5	77	117
	101909LCSA31D		2513858	tert-Butylbenzene	104	76	116
	101909LCSA31D		2513819	tert-Butylbenzene	104	76	116
	101909LCSA31D		2513891	tert-Butylbenzene	104	76	116
	101909LCSA31D		2513858	Tetrachloroethene	94	77	117
	101909LCSA31D		2513891	Tetrachloroethene	94	77	117
	101909LCSA31D		2513819	Tetrachloroethene	94	77	117
	101909LCSA31D		2513891	Toluene	99.5	73	120
	101909LCSA31D		2513819	Toluene	99.5	73	120
	101909LCSA31D		2513858	Toluene	99.5	73	120
	101909LCSA31D		2513858	trans-1,2-Dichloroethene	92.5	80	120
	101909LCSA31D		2513891	trans-1,2-Dichloroethene	92.5	80	120
	101909LCSA31D		2513819	trans-1,2-Dichloroethene	92.5	80	120
	101909LCSA31D		2513891	trans-1,3-Dichloropropene	100	72	117
	101909LCSA31D		2513819	trans-1,3-Dichloropropene	100	72	117
	101909LCSA31D		2513858	trans-1,3-Dichloropropene	100	72	117
	101909LCSA31D		2513858	Trichloroethene	93	78	122
	101909LCSA31D		2513891	Trichloroethene	93	78	122
	101909LCSA31D		2513819	Trichloroethene	93	78	122
	101909LCSA31D		2513858	Trichlorofluoromethane	102	65	190
	101909LCSA31D		2513819	Trichlorofluoromethane	102	65	190
	101909LCSA31D		2513891	Trichlorofluoromethane	102	65	190
	101909LCSA31D		2513858	Vinyl chloride	95	49	136
	101909LCSA31D		2513819	Vinyl chloride	95	49	136
	101909LCSA31D		2513891	Vinyl chloride	95	49	136
	101909LCSA31D		2513819	Xylenes, Total	96.3	77	117
	101909LCSA31D		2513858	Xylenes, Total	96.3	77	117
	101909LCSA31D		2513891	Xylenes, Total	96.3	77	117
	102009LCSA31		2513902	1,1,1,2-Tetrachloroethane	95	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102009LCSA31	WATER	2513827	1,1,1,2-Tetrachloroethane	95	77	117
	102009LCSA31		2513902	1,1,1-Trichloroethane	96.5	78	118
	102009LCSA31		2513827	1,1,1-Trichloroethane	96.5	78	118
	102009LCSA31		2513902	1,1,2,2-Tetrachloroethane	96	73	119
	102009LCSA31		2513827	1,1,2,2-Tetrachloroethane	96	73	119
	102009LCSA31		2513902	1,1,2-Trichloroethane	97	76	116
	102009LCSA31		2513827	1,1,2-Trichloroethane	97	76	116
	102009LCSA31		2513902	1,1-Dichloroethane	96.5	77	117
	102009LCSA31		2513827	1,1-Dichloroethane	96.5	77	117
	102009LCSA31		2513902	1,1-Dichloroethene	92.5	66	133
	102009LCSA31		2513827	1,1-Dichloroethene	92.5	66	133
	102009LCSA31		2513902	1,1-Dichloropropene	99.5	75	115
	102009LCSA31		2513827	1,1-Dichloropropene	99.5	75	115
	102009LCSA31		2513902	1,2,3-Trichlorobenzene	110	66	123
	102009LCSA31		2513827	1,2,3-Trichlorobenzene	110	66	123
	102009LCSA31		2513902	1,2,3-Trichloropropane	91	84	118
	102009LCSA31		2513827	1,2,3-Trichloropropane	91	84	118
	102009LCSA31		2513902	1,2,4-Trichlorobenzene	106	73	121
	102009LCSA31		2513827	1,2,4-Trichlorobenzene	106	73	121
	102009LCSA31		2513902	1,2,4-Trimethylbenzene	102	77	120
	102009LCSA31		2513827	1,2,4-Trimethylbenzene	102	77	120
	102009LCSA31		2513902	1,2-Dibromo-3-chloropropane	91	65	117
	102009LCSA31		2513827	1,2-Dibromo-3-chloropropane	91	65	117
	102009LCSA31		2513902	1,2-Dibromoethane	96	77	117
	102009LCSA31		2513827	1,2-Dibromoethane	96	77	117
	102009LCSA31		2513902	1,2-Dichlorobenzene	98	76	116
	102009LCSA31		2513827	1,2-Dichlorobenzene	98	76	116
	102009LCSA31		2513827	1,2-Dichloroethane	97	74	120
	102009LCSA31		2513902	1,2-Dichloroethane	97	74	120
	102009LCSA31		2513827	1,2-Dichloropropane	97	76	116
	102009LCSA31		2513902	1,2-Dichloropropane	97	76	116
	102009LCSA31		2513827	1,3,5-Trimethylbenzene	102	77	117
	102009LCSA31		2513902	1,3,5-Trimethylbenzene	102	77	117
	102009LCSA31		2513902	1,3-Dichlorobenzene	99	75	115
	102009LCSA31		2513827	1,3-Dichlorobenzene	99	75	115
	102009LCSA31		2513827	1,3-Dichloropropane	96.5	75	115
	102009LCSA31		2513902	1,3-Dichloropropane	96.5	75	115
	102009LCSA31		2513827	1,4-Dichlorobenzene	93	77	117
	102009LCSA31		2513902	1,4-Dichlorobenzene	93	77	117
	102009LCSA31		2513827	2,2-Dichloropropane	92.5	72	128
	102009LCSA31		2513902	2,2-Dichloropropane	92.5	72	128
	102009LCSA31		2513827	2-Butanone	102	57	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102009LCSA31	WATER	2513902	2-Butanone	102	57	120
	102009LCSA31		2513827	2-Chlorotoluene	98.5	76	116
	102009LCSA31		2513902	2-Chlorotoluene	98.5	76	116
	102009LCSA31		2513902	2-Hexanone	104	57	121
	102009LCSA31		2513827	2-Hexanone	104	57	121
	102009LCSA31		2513827	4-Chlorotoluene	99.5	78	118
	102009LCSA31		2513902	4-Chlorotoluene	99.5	78	118
	102009LCSA31		2513827	4-Methyl-2-Pentanone	99.5	65	118
	102009LCSA31		2513902	4-Methyl-2-Pentanone	99.5	65	118
	102009LCSA31		2513827	Acetone	102	48	130
	102009LCSA31		2513902	Acetone	102	48	130
	102009LCSA31		2513827	Benzene	97	77	118
	102009LCSA31		2513902	Benzene	97	77	118
	102009LCSA31		2513827	Bromobenzene	97.5	75	115
	102009LCSA31		2513902	Bromobenzene	97.5	75	115
	102009LCSA31		2513902	Bromochloromethane	96	78	118
	102009LCSA31		2513827	Bromochloromethane	96	78	118
	102009LCSA31		2513902	Bromodichloromethane	91	78	118
	102009LCSA31		2513827	Bromodichloromethane	91	78	118
	102009LCSA31		2513902	Bromoform	88.5	74	121
	102009LCSA31		2513827	Bromoform	88.5	74	121
	102009LCSA31		2513902	Bromomethane	100	42	154
	102009LCSA31		2513827	Bromomethane	100	42	154
	102009LCSA31		2513827	Carbon Disulfide	101	56	104
	102009LCSA31		2513902	Carbon Disulfide	101	56	104
	102009LCSA31		2513827	Carbon tetrachloride	94	80	120
	102009LCSA31		2513902	Carbon tetrachloride	94	80	120
	102009LCSA31		2513902	Chlorobenzene	95	78	118
	102009LCSA31		2513827	Chlorobenzene	95	78	118
	102009LCSA31		2513827	Chloroethane	106	51	133
	102009LCSA31		2513902	Chloroethane	106	51	133
	102009LCSA31		2513827	Chloroform	91	78	118
	102009LCSA31		2513902	Chloroform	91	78	118
	102009LCSA31		2513827	Chloromethane	76	46	142
	102009LCSA31		2513902	Chloromethane	76	46	142
	102009LCSA31		2513827	Cis-1,2-DCE	100	75	115
	102009LCSA31		2513902	Cis-1,2-DCE	100	75	115
	102009LCSA31		2513827	cis-1,3-Dichloropropene	97.5	76	113
	102009LCSA31		2513902	cis-1,3-Dichloropropene	97.5	76	113
	102009LCSA31		2513827	Dibromochloromethane	89.5	76	116
	102009LCSA31		2513902	Dibromochloromethane	89.5	76	116
	102009LCSA31		2513902	Dibromomethane	95.5	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102009LCSA31	WATER	2513827	Dibromomethane	95.5	77	117
	102009LCSA31		2513827	Dichlorodifluoromethane	108	56	140
	102009LCSA31		2513902	Dichlorodifluoromethane	108	56	140
	102009LCSA31		2513827	Ethylbenzene	96.5	78	118
	102009LCSA31		2513902	Ethylbenzene	96.5	78	118
	102009LCSA31		2513827	Hexachlorobutadiene	104	73	123
	102009LCSA31		2513902	Hexachlorobutadiene	104	73	123
	102009LCSA31		2513827	Isopropylbenzene	103	71	113
	102009LCSA31		2513902	Isopropylbenzene	103	71	113
	102009LCSA31		2513827	m,p-Xylene	100	78	118
	102009LCSA31		2513902	m,p-Xylene	100	78	118
	102009LCSA31		2513827	Methyl tert-Butyl Ether	94	58	116
	102009LCSA31		2513902	Methyl tert-Butyl Ether	94	58	116
	102009LCSA31		2513827	Methylene chloride	106	71	119
	102009LCSA31		2513902	Methylene chloride	106	71	119
	102009LCSA31		2513902	Naphthalene	103	62	121
	102009LCSA31		2513827	Naphthalene	103	62	121
	102009LCSA31		2513902	n-Butylbenzene	102	76	117
	102009LCSA31		2513827	n-Butylbenzene	102	76	117
	102009LCSA31		2513827	n-Propylbenzene	104	76	116
	102009LCSA31		2513902	n-Propylbenzene	104	76	116
	102009LCSA31		2513827	o-Xylene	106	77	117
	102009LCSA31		2513902	o-Xylene	106	77	117
	102009LCSA31		2513902	p-Isopropyltoluene	108	76	113
	102009LCSA31		2513827	p-Isopropyltoluene	108	76	113
	102009LCSA31		2513827	Sec-Butylbenzene	102	80	120
	102009LCSA31		2513902	Sec-Butylbenzene	102	80	120
	102009LCSA31		2513902	Styrene	105	77	117
	102009LCSA31		2513827	Styrene	105	77	117
	102009LCSA31		2513827	tert-Butylbenzene	110	76	116
	102009LCSA31		2513902	tert-Butylbenzene	110	76	116
	102009LCSA31		2513827	Tetrachloroethene	99	77	117
	102009LCSA31		2513902	Tetrachloroethene	99	77	117
	102009LCSA31		2513902	Toluene	104	73	120
	102009LCSA31		2513827	Toluene	104	73	120
	102009LCSA31		2513902	trans-1,2-Dichloroethene	98	80	120
	102009LCSA31		2513827	trans-1,2-Dichloroethene	98	80	120
	102009LCSA31		2513827	trans-1,3-Dichloropropene	99	72	117
	102009LCSA31		2513902	trans-1,3-Dichloropropene	99	72	117
	102009LCSA31		2513902	Trichloroethene	97.5	78	122
	102009LCSA31		2513827	Trichloroethene	97.5	78	122
	102009LCSA31		2513902	Trichlorofluoromethane	104	65	190

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102009LCSA31	WATER	2513827	Trichlorofluoromethane	104	65	190
	102009LCSA31		2513827	Vinyl chloride	102	49	136
	102009LCSA31		2513902	Vinyl chloride	102	49	136
	102009LCSA31		2513827	Xylenes, Total	102	77	117
	102009LCSA31		2513902	Xylenes, Total	102	77	117
	102109LCSA31		2513922	1,1,1,2-Tetrachloroethane	93	77	117
	102109LCSA31		2513922	1,1,1-Trichloroethane	96.5	78	118
	102109LCSA31		2513922	1,1,2,2-Tetrachloroethane	97.5	73	119
	102109LCSA31		2513922	1,1,2-Trichloroethane	97	76	116
	102109LCSA31		2513922	1,1-Dichloroethane	97	77	117
	102109LCSA31		2513922	1,1-Dichloroethene	99	66	133
	102109LCSA31		2513922	1,1-Dichloropropene	105	75	115
	102109LCSA31		2513922	1,2,3-Trichlorobenzene	100	66	123
	102109LCSA31		2513922	1,2,3-Trichloropropane	91.5	84	118
	102109LCSA31		2513922	1,2,4-Trichlorobenzene	102	73	121
	102109LCSA31		2513922	1,2,4-Trimethylbenzene	106	77	120
	102109LCSA31		2513922	1,2-Dibromo-3-chloropropane	81.5	65	117
	102109LCSA31		2513922	1,2-Dibromoethane	93.5	77	117
	102109LCSA31		2513922	1,2-Dichlorobenzene	99	76	116
	102109LCSA31		2513922	1,2-Dichloroethane	97	74	120
	102109LCSA31		2513922	1,2-Dichloropropane	98	76	116
	102109LCSA31		2513922	1,3,5-Trimethylbenzene	103	77	117
	102109LCSA31		2513922	1,3-Dichlorobenzene	99	75	115
	102109LCSA31		2513922	1,3-Dichloropropane	95	75	115
	102109LCSA31		2513922	1,4-Dichlorobenzene	94.5	77	117
	102109LCSA31		2513922	2,2-Dichloropropane	98.5	72	128
	102109LCSA31		2513922	2-Butanone	99.2	57	120
	102109LCSA31		2513922	2-Chlorotoluene	102	76	116
	102109LCSA31		2513922	2-Hexanone	93.8	57	121
	102109LCSA31		2513922	4-Chlorotoluene	101	78	118
	102109LCSA31		2513922	4-Methyl-2-Pentanone	94.2	65	118
	102109LCSA31		2513922	Acetone	106	48	130
	102109LCSA31		2513922	Benzene	100	77	118
	102109LCSA31		2513922	Bromobenzene	100	75	115
	102109LCSA31		2513922	Bromochloromethane	97	78	118
	102109LCSA31		2513922	Bromodichloromethane	92.5	78	118
	102109LCSA31		2513922	Bromoform	86	74	121
	102109LCSA31		2513922	Bromomethane	105	42	154
	102109LCSA31		2513922	**Carbon Disulfide**	**107**	**56**	**104**
	102109LCSA31		2513922	Carbon tetrachloride	96.5	80	120
	102109LCSA31		2513922	Chlorobenzene	95	78	118
	102109LCSA31		2513922	Chloroethane	104	51	133

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102109LCSA31	WATER	2513922	Chloroform	93.5	78	118
	102109LCSA31		2513922	Chloromethane	102	46	142
	102109LCSA31		2513922	Cis-1,2-DCE	102	75	115
	102109LCSA31		2513922	cis-1,3-Dichloropropene	99	76	113
	102109LCSA31		2513922	Dibromochloromethane	90.5	76	116
	102109LCSA31		2513922	Dibromomethane	93.5	77	117
	102109LCSA31		2513922	Dichlorodifluoromethane	106	56	140
	102109LCSA31		2513922	Ethylbenzene	97.5	78	118
	102109LCSA31		2513922	Hexachlorobutadiene	102	73	123
	102109LCSA31		2513922	Isopropylbenzene	105	71	113
	102109LCSA31		2513922	m,p-Xylene	100	78	118
	102109LCSA31		2513922	Methyl tert-Butyl Ether	95	58	116
	102109LCSA31		2513922	Methylene chloride	102	71	119
	102109LCSA31		2513922	Naphthalene	91.5	62	121
	102109LCSA31		2513922	n-Butylbenzene	106	76	117
	102109LCSA31		2513922	n-Propylbenzene	107	76	116
	102109LCSA31		2513922	o-Xylene	99.5	77	117
	102109LCSA31		2513922	p-Isopropyltoluene	108	76	113
	102109LCSA31		2513922	Sec-Butylbenzene	106	80	120
	102109LCSA31		2513922	Styrene	104	77	117
	102109LCSA31		2513922	tert-Butylbenzene	96.5	76	116
	102109LCSA31		2513922	Tetrachloroethene	102	77	117
	102109LCSA31		2513922	Toluene	105	73	120
	102109LCSA31		2513922	trans-1,2-Dichloroethene	100	80	120
	102109LCSA31		2513922	trans-1,3-Dichloropropene	99	72	117
	102109LCSA31		2513922	Trichloroethene	97.5	78	122
	102109LCSA31		2513922	Trichlorofluoromethane	106	65	190
	102109LCSA31		2513922	Vinyl chloride	104	49	136
	102109LCSA31		2513922	Xylenes, Total	100	77	117
	102109LCSA31D		2513922	1,1,1,2-Tetrachloroethane	89.5	77	117
	102109LCSA31D		2513922	1,1,1-Trichloroethane	95.5	78	118
	102109LCSA31D		2513922	1,1,2,2-Tetrachloroethane	93	73	119
	102109LCSA31D		2513922	1,1,2-Trichloroethane	95	76	116
	102109LCSA31D		2513922	1,1-Dichloroethane	97	77	117
	102109LCSA31D		2513922	1,1-Dichloroethene	96	66	133
	102109LCSA31D		2513922	1,1-Dichloropropene	101	75	115
	102109LCSA31D		2513922	1,2,3-Trichlorobenzene	100	66	123
	102109LCSA31D		2513922	1,2,3-Trichloropropane	87.5	84	118
	102109LCSA31D		2513922	1,2,4-Trichlorobenzene	101	73	121
	102109LCSA31D		2513922	1,2,4-Trimethylbenzene	102	77	120
	102109LCSA31D		2513922	1,2-Dibromo-3-chloropropane	80.5	65	117
	102109LCSA31D		2513922	1,2-Dibromoethane	91	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102109LCSA31D	WATER	2513922	1,2-Dichlorobenzene	96.5	76	116
	102109LCSA31D		2513922	1,2-Dichloroethane	96	74	120
	102109LCSA31D		2513922	1,2-Dichloropropane	99	76	116
	102109LCSA31D		2513922	1,3,5-Trimethylbenzene	101	77	117
	102109LCSA31D		2513922	1,3-Dichlorobenzene	96.5	75	115
	102109LCSA31D		2513922	1,3-Dichloropropane	92	75	115
	102109LCSA31D		2513922	1,4-Dichlorobenzene	91	77	117
	102109LCSA31D		2513922	2,2-Dichloropropane	98	72	128
	102109LCSA31D		2513922	2-Butanone	99.8	57	120
	102109LCSA31D		2513922	2-Chlorotoluene	99.5	76	116
	102109LCSA31D		2513922	2-Hexanone	89.8	57	121
	102109LCSA31D		2513922	4-Chlorotoluene	98	78	118
	102109LCSA31D		2513922	4-Methyl-2-Pentanone	94.8	65	118
	102109LCSA31D		2513922	Acetone	108	48	130
	102109LCSA31D		2513922	Benzene	99.5	77	118
	102109LCSA31D		2513922	Bromobenzene	98	75	115
	102109LCSA31D		2513922	Bromochloromethane	97.5	78	118
	102109LCSA31D		2513922	Bromodichloromethane	93	78	118
	102109LCSA31D		2513922	Bromoform	82.5	74	121
	102109LCSA31D		2513922	Bromomethane	102	42	154
	102109LCSA31D		2513922	**Carbon Disulfide**	**105**	**56**	**104**
	102109LCSA31D		2513922	Carbon tetrachloride	94.5	80	120
	102109LCSA31D		2513922	Chlorobenzene	93	78	118
	102109LCSA31D		2513922	Chloroethane	103	51	133
	102109LCSA31D		2513922	Chloroform	92	78	118
	102109LCSA31D		2513922	Chloromethane	101	46	142
	102109LCSA31D		2513922	Cis-1,2-DCE	100	75	115
	102109LCSA31D		2513922	cis-1,3-Dichloropropene	100	76	113
	102109LCSA31D		2513922	Dibromochloromethane	87	76	116
	102109LCSA31D		2513922	Dibromomethane	95	77	117
	102109LCSA31D		2513922	Dichlorodifluoromethane	102	56	140
	102109LCSA31D		2513922	Ethylbenzene	93	78	118
	102109LCSA31D		2513922	Hexachlorobutadiene	101	73	123
	102109LCSA31D		2513922	Isopropylbenzene	101	71	113
	102109LCSA31D		2513922	m,p-Xylene	97.8	78	118
	102109LCSA31D		2513922	Methyl tert-Butyl Ether	95	58	116
	102109LCSA31D		2513922	Methylene chloride	101	71	119
	102109LCSA31D		2513922	Naphthalene	98	62	121
	102109LCSA31D		2513922	n-Butylbenzene	102	76	117
	102109LCSA31D		2513922	n-Propylbenzene	104	76	116
	102109LCSA31D		2513922	o-Xylene	102	77	117
	102109LCSA31D		2513922	p-Isopropyltoluene	104	76	113

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102109LCSA31D	WATER	2513922	Sec-Butylbenzene	102	80	120
	102109LCSA31D		2513922	Styrene	100	77	117
	102109LCSA31D		2513922	tert-Butylbenzene	110	76	116
	102109LCSA31D		2513922	Tetrachloroethene	93.5	77	117
	102109LCSA31D		2513922	Toluene	105	73	120
	102109LCSA31D		2513922	trans-1,2-Dichloroethene	98	80	120
	102109LCSA31D		2513922	trans-1,3-Dichloropropene	100	72	117
	102109LCSA31D		2513922	Trichloroethene	93	78	122
	102109LCSA31D		2513922	Trichlorofluoromethane	101	65	190
	102109LCSA31D		2513922	Vinyl chloride	102	49	136
	102109LCSA31D		2513922	Xylenes, Total	99	77	117
	102209LCSA31		2513927	1,1,1,2-Tetrachloroethane	91.5	77	117
	102209LCSA31		2513925	1,1,1,2-Tetrachloroethane	91.5	77	117
	102209LCSA31		2513925	1,1,1-Trichloroethane	97.5	78	118
	102209LCSA31		2513927	1,1,1-Trichloroethane	97.5	78	118
	102209LCSA31		2513925	1,1,2,2-Tetrachloroethane	95	73	119
	102209LCSA31		2513927	1,1,2,2-Tetrachloroethane	95	73	119
	102209LCSA31		2513925	1,1,2-Trichloroethane	94	76	116
	102209LCSA31		2513927	1,1,2-Trichloroethane	94	76	116
	102209LCSA31		2513925	1,1-Dichloroethane	92	77	117
	102209LCSA31		2513927	1,1-Dichloroethane	92	77	117
	102209LCSA31		2513925	1,1-Dichloroethene	98.5	66	133
	102209LCSA31		2513927	1,1-Dichloroethene	98.5	66	133
	102209LCSA31		2513925	1,1-Dichloropropene	104	75	115
	102209LCSA31		2513927	1,1-Dichloropropene	104	75	115
	102209LCSA31		2513925	1,2,3-Trichlorobenzene	97	66	123
	102209LCSA31		2513927	1,2,3-Trichlorobenzene	97	66	123
	102209LCSA31		2513927	1,2,3-Trichloropropane	89.5	84	118
	102209LCSA31		2513925	1,2,3-Trichloropropane	89.5	84	118
	102209LCSA31		2513925	1,2,4-Trichlorobenzene	97.5	73	121
	102209LCSA31		2513927	1,2,4-Trichlorobenzene	97.5	73	121
	102209LCSA31		2513925	1,2,4-Trimethylbenzene	104	77	120
	102209LCSA31		2513927	1,2,4-Trimethylbenzene	104	77	120
	102209LCSA31		2513925	1,2-Dibromo-3-chloropropane	80	65	117
	102209LCSA31		2513927	1,2-Dibromo-3-chloropropane	80	65	117
	102209LCSA31		2513927	1,2-Dibromoethane	91.5	77	117
	102209LCSA31		2513925	1,2-Dibromoethane	91.5	77	117
	102209LCSA31		2513927	1,2-Dichlorobenzene	95.5	76	116
	102209LCSA31		2513925	1,2-Dichlorobenzene	95.5	76	116
	102209LCSA31		2513927	1,2-Dichloroethane	95	74	120
	102209LCSA31		2513925	1,2-Dichloroethane	95	74	120
	102209LCSA31		2513927	1,2-Dichloropropane	97	76	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102209LCSA31	WATER	2513925	1,2-Dichloropropane	97	76	116
	102209LCSA31		2513927	1,3,5-Trimethylbenzene	104	77	117
	102209LCSA31		2513925	1,3,5-Trimethylbenzene	104	77	117
	102209LCSA31		2513927	1,3-Dichlorobenzene	99.5	75	115
	102209LCSA31		2513925	1,3-Dichlorobenzene	99.5	75	115
	102209LCSA31		2513925	1,3-Dichloropropane	94.5	75	115
	102209LCSA31		2513927	1,3-Dichloropropane	94.5	75	115
	102209LCSA31		2513925	1,4-Dichlorobenzene	92.5	77	117
	102209LCSA31		2513927	1,4-Dichlorobenzene	92.5	77	117
	102209LCSA31		2513927	2,2-Dichloropropane	100	72	128
	102209LCSA31		2513925	2,2-Dichloropropane	100	72	128
	102209LCSA31		2513925	2-Butanone	99.8	57	120
	102209LCSA31		2513927	2-Butanone	99.8	57	120
	102209LCSA31		2513927	2-Chlorotoluene	100	76	116
	102209LCSA31		2513925	2-Chlorotoluene	100	76	116
	102209LCSA31		2513927	2-Hexanone	95.5	57	121
	102209LCSA31		2513925	2-Hexanone	95.5	57	121
	102209LCSA31		2513925	4-Chlorotoluene	100	78	118
	102209LCSA31		2513927	4-Chlorotoluene	100	78	118
	102209LCSA31		2513925	4-Methyl-2-Pentanone	92.5	65	118
	102209LCSA31		2513927	4-Methyl-2-Pentanone	92.5	65	118
	102209LCSA31		2513925	Acetone	111	48	130
	102209LCSA31		2513927	Acetone	111	48	130
	102209LCSA31		2513925	Benzene	99	77	118
	102209LCSA31		2513927	Benzene	99	77	118
	102209LCSA31		2513927	Bromobenzene	98	75	115
	102209LCSA31		2513925	Bromobenzene	98	75	115
	102209LCSA31		2513927	Bromochloromethane	97	78	118
	102209LCSA31		2513925	Bromochloromethane	97	78	118
	102209LCSA31		2513925	Bromodichloromethane	91.5	78	118
	102209LCSA31		2513927	Bromodichloromethane	91.5	78	118
	102209LCSA31		2513927	Bromoform	84.5	74	121
	102209LCSA31		2513925	Bromoform	84.5	74	121
	102209LCSA31		2513927	Bromomethane	104	42	154
	102209LCSA31		2513925	Bromomethane	104	42	154
	102209LCSA31		2513927	Carbon Disulfide	102	56	104
	102209LCSA31		2513925	Carbon Disulfide	102	56	104
	102209LCSA31		2513927	Carbon tetrachloride	98	80	120
	102209LCSA31		2513925	Carbon tetrachloride	98	80	120
	102209LCSA31		2513927	Chlorobenzene	96	78	118
	102209LCSA31		2513925	Chlorobenzene	96	78	118
	102209LCSA31		2513927	Chloroethane	108	51	133

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102209LCSA31	WATER	2513925	Chloroethane	108	51	133
	102209LCSA31		2513925	Chloroform	90	78	118
	102209LCSA31		2513927	Chloroform	90	78	118
	102209LCSA31		2513925	Chloromethane	88	46	142
	102209LCSA31		2513927	Chloromethane	88	46	142
	102209LCSA31		2513927	Cis-1,2-DCE	99	75	115
	102209LCSA31		2513925	Cis-1,2-DCE	99	75	115
	102209LCSA31		2513925	cis-1,3-Dichloropropene	97.5	76	113
	102209LCSA31		2513927	cis-1,3-Dichloropropene	97.5	76	113
	102209LCSA31		2513925	Dibromochloromethane	89	76	116
	102209LCSA31		2513927	Dibromochloromethane	89	76	116
	102209LCSA31		2513925	Dibromomethane	98.5	77	117
	102209LCSA31		2513927	Dibromomethane	98.5	77	117
	102209LCSA31		2513927	Dichlorodifluoromethane	95	56	140
	102209LCSA31		2513925	Dichlorodifluoromethane	95	56	140
	102209LCSA31		2513925	Ethylbenzene	97	78	118
	102209LCSA31		2513927	Ethylbenzene	97	78	118
	102209LCSA31		2513927	Hexachlorobutadiene	103	73	123
	102209LCSA31		2513925	Hexachlorobutadiene	103	73	123
	102209LCSA31		2513925	Isopropylbenzene	103	71	113
	102209LCSA31		2513927	Isopropylbenzene	103	71	113
	102209LCSA31		2513925	m,p-Xylene	102	78	118
	102209LCSA31		2513927	m,p-Xylene	102	78	118
	102209LCSA31		2513927	Methyl tert-Butyl Ether	111	58	116
	102209LCSA31		2513925	Methyl tert-Butyl Ether	111	58	116
	102209LCSA31		2513925	Methylene chloride	108	71	119
	102209LCSA31		2513927	Methylene chloride	108	71	119
	102209LCSA31		2513925	Naphthalene	90.5	62	121
	102209LCSA31		2513927	Naphthalene	90.5	62	121
	102209LCSA31		2513925	n-Butylbenzene	103	76	117
	102209LCSA31		2513927	n-Butylbenzene	103	76	117
	102209LCSA31		2513925	n-Propylbenzene	106	76	116
	102209LCSA31		2513927	n-Propylbenzene	106	76	116
	102209LCSA31		2513925	o-Xylene	106	77	117
	102209LCSA31		2513927	o-Xylene	106	77	117
	102209LCSA31		2513925	p-Isopropyltoluene	107	76	113
	102209LCSA31		2513927	p-Isopropyltoluene	107	76	113
	102209LCSA31		2513927	Sec-Butylbenzene	104	80	120
	102209LCSA31		2513925	Sec-Butylbenzene	104	80	120
	102209LCSA31		2513925	Styrene	102	77	117
	102209LCSA31		2513927	Styrene	102	77	117
	102209LCSA31		2513927	tert-Butylbenzene	112	76	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102209LCSA31	WATER	2513925	tert-Butylbenzene	112	76	116
	102209LCSA31		2513925	Tetrachloroethene	102	77	117
	102209LCSA31		2513927	Tetrachloroethene	102	77	117
	102209LCSA31		2513927	Toluene	103	73	120
	102209LCSA31		2513925	Toluene	103	73	120
	102209LCSA31		2513925	trans-1,2-Dichloroethene	100	80	120
	102209LCSA31		2513927	trans-1,2-Dichloroethene	100	80	120
	102209LCSA31		2513925	trans-1,3-Dichloropropene	98	72	117
	102209LCSA31		2513927	trans-1,3-Dichloropropene	98	72	117
	102209LCSA31		2513927	Trichloroethene	94.5	78	122
	102209LCSA31		2513925	Trichloroethene	94.5	78	122
	102209LCSA31		2513925	Trichlorofluoromethane	107	65	190
	102209LCSA31		2513927	Trichlorofluoromethane	107	65	190
	102209LCSA31		2513925	Vinyl chloride	104	49	136
	102209LCSA31		2513927	Vinyl chloride	104	49	136
	102209LCSA31		2513927	Xylenes, Total	104	77	117
	102209LCSA31		2513925	Xylenes, Total	104	77	117
	102209LCSA31D		2513927	1,1,1,2-Tetrachloroethane	90.5	77	117
	102209LCSA31D		2513925	1,1,1,2-Tetrachloroethane	90.5	77	117
	102209LCSA31D		2513925	1,1,1-Trichloroethane	93.5	78	118
	102209LCSA31D		2513927	1,1,1-Trichloroethane	93.5	78	118
	102209LCSA31D		2513927	1,1,2,2-Tetrachloroethane	87.5	73	119
	102209LCSA31D		2513925	1,1,2,2-Tetrachloroethane	87.5	73	119
	102209LCSA31D		2513927	1,1,2-Trichloroethane	90	76	116
	102209LCSA31D		2513925	1,1,2-Trichloroethane	90	76	116
	102209LCSA31D		2513925	1,1-Dichloroethane	96	77	117
	102209LCSA31D		2513927	1,1-Dichloroethane	96	77	117
	102209LCSA31D		2513925	1,1-Dichloroethene	94	66	133
	102209LCSA31D		2513927	1,1-Dichloroethene	94	66	133
	102209LCSA31D		2513925	1,1-Dichloropropene	102	75	115
	102209LCSA31D		2513927	1,1-Dichloropropene	102	75	115
	102209LCSA31D		2513925	1,2,3-Trichlorobenzene	99	66	123
	102209LCSA31D		2513927	1,2,3-Trichlorobenzene	99	66	123
	102209LCSA31D		2513925	1,2,3-Trichloropropane	84	84	118
	102209LCSA31D		2513927	1,2,3-Trichloropropane	84	84	118
	102209LCSA31D		2513925	1,2,4-Trichlorobenzene	99	73	121
	102209LCSA31D		2513927	1,2,4-Trichlorobenzene	99	73	121
	102209LCSA31D		2513925	1,2,4-Trimethylbenzene	101	77	120
	102209LCSA31D		2513927	1,2,4-Trimethylbenzene	101	77	120
	102209LCSA31D		2513927	1,2-Dibromo-3-chloropropane	75	65	117
	102209LCSA31D		2513925	1,2-Dibromo-3-chloropropane	75	65	117
	102209LCSA31D		2513927	1,2-Dibromoethane	88	77	117

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102209LCSA31D	WATER	2513925	1,2-Dibromoethane	88	77	117
	102209LCSA31D		2513925	1,2-Dichlorobenzene	93	76	116
	102209LCSA31D		2513927	1,2-Dichlorobenzene	93	76	116
	102209LCSA31D		2513927	1,2-Dichloroethane	95.5	74	120
	102209LCSA31D		2513925	1,2-Dichloroethane	95.5	74	120
	102209LCSA31D		2513925	1,2-Dichloropropane	96	76	116
	102209LCSA31D		2513927	1,2-Dichloropropane	96	76	116
	102209LCSA31D		2513925	1,3,5-Trimethylbenzene	100	77	117
	102209LCSA31D		2513927	1,3,5-Trimethylbenzene	100	77	117
	102209LCSA31D		2513927	1,3-Dichlorobenzene	96	75	115
	102209LCSA31D		2513925	1,3-Dichlorobenzene	96	75	115
	102209LCSA31D		2513927	1,3-Dichloropropane	92	75	115
	102209LCSA31D		2513925	1,3-Dichloropropane	92	75	115
	102209LCSA31D		2513925	1,4-Dichlorobenzene	90	77	117
	102209LCSA31D		2513927	1,4-Dichlorobenzene	90	77	117
	102209LCSA31D		2513927	2,2-Dichloropropane	96	72	128
	102209LCSA31D		2513925	2,2-Dichloropropane	96	72	128
	102209LCSA31D		2513927	2-Butanone	96.2	57	120
	102209LCSA31D		2513925	2-Butanone	96.2	57	120
	102209LCSA31D		2513925	2-Chlorotoluene	96	76	116
	102209LCSA31D		2513927	2-Chlorotoluene	96	76	116
	102209LCSA31D		2513925	2-Hexanone	85.8	57	121
	102209LCSA31D		2513927	2-Hexanone	85.8	57	121
	102209LCSA31D		2513927	4-Chlorotoluene	98	78	118
	102209LCSA31D		2513925	4-Chlorotoluene	98	78	118
	102209LCSA31D		2513925	4-Methyl-2-Pentanone	87	65	118
	102209LCSA31D		2513927	4-Methyl-2-Pentanone	87	65	118
	102209LCSA31D		2513925	Acetone	99.8	48	130
	102209LCSA31D		2513927	Acetone	99.8	48	130
	102209LCSA31D		2513927	Benzene	97	77	118
	102209LCSA31D		2513925	Benzene	97	77	118
	102209LCSA31D		2513925	Bromobenzene	94.5	75	115
	102209LCSA31D		2513927	Bromobenzene	94.5	75	115
	102209LCSA31D		2513927	Bromochloromethane	95	78	118
	102209LCSA31D		2513925	Bromochloromethane	95	78	118
	102209LCSA31D		2513927	Bromodichloromethane	90	78	118
	102209LCSA31D		2513925	Bromodichloromethane	90	78	118
	102209LCSA31D		2513927	Bromoform	80	74	121
	102209LCSA31D		2513925	Bromoform	80	74	121
	102209LCSA31D		2513927	Bromomethane	99	42	154
	102209LCSA31D		2513925	Bromomethane	99	42	154
	102209LCSA31D		2513927	Carbon Disulfide	100	56	104

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102209LCSA31D	WATER	2513925	Carbon Disulfide	100	56	104
	102209LCSA31D		2513927	Carbon tetrachloride	93.5	80	120
	102209LCSA31D		2513925	Carbon tetrachloride	93.5	80	120
	102209LCSA31D		2513927	Chlorobenzene	92	78	118
	102209LCSA31D		2513925	Chlorobenzene	92	78	118
	102209LCSA31D		2513927	Chloroethane	97	51	133
	102209LCSA31D		2513925	Chloroethane	97	51	133
	102209LCSA31D		2513927	Chloroform	91	78	118
	102209LCSA31D		2513925	Chloroform	91	78	118
	102209LCSA31D		2513925	Chloromethane	91	46	142
	102209LCSA31D		2513927	Chloromethane	91	46	142
	102209LCSA31D		2513927	Cis-1,2-DCE	97	75	115
	102209LCSA31D		2513925	Cis-1,2-DCE	97	75	115
	102209LCSA31D		2513925	cis-1,3-Dichloropropene	96.5	76	113
	102209LCSA31D		2513927	cis-1,3-Dichloropropene	96.5	76	113
	102209LCSA31D		2513925	Dibromochloromethane	87	76	116
	102209LCSA31D		2513927	Dibromochloromethane	87	76	116
	102209LCSA31D		2513925	Dibromomethane	96	77	117
	102209LCSA31D		2513927	Dibromomethane	96	77	117
	102209LCSA31D		2513925	Dichlorodifluoromethane	88.5	56	140
	102209LCSA31D		2513927	Dichlorodifluoromethane	88.5	56	140
	102209LCSA31D		2513925	Ethylbenzene	94	78	118
	102209LCSA31D		2513927	Ethylbenzene	94	78	118
	102209LCSA31D		2513925	Hexachlorobutadiene	98.5	73	123
	102209LCSA31D		2513927	Hexachlorobutadiene	98.5	73	123
	102209LCSA31D		2513927	Isopropylbenzene	100	71	113
	102209LCSA31D		2513925	Isopropylbenzene	100	71	113
	102209LCSA31D		2513927	m,p-Xylene	96.5	78	118
	102209LCSA31D		2513925	m,p-Xylene	96.5	78	118
	102209LCSA31D		2513927	Methyl tert-Butyl Ether	108	58	116
	102209LCSA31D		2513925	Methyl tert-Butyl Ether	108	58	116
	102209LCSA31D		2513927	Methylene chloride	107	71	119
	102209LCSA31D		2513925	Methylene chloride	107	71	119
	102209LCSA31D		2513927	Naphthalene	93	62	121
	102209LCSA31D		2513925	Naphthalene	93	62	121
	102209LCSA31D		2513925	n-Butylbenzene	104	76	117
	102209LCSA31D		2513927	n-Butylbenzene	104	76	117
	102209LCSA31D		2513927	n-Propylbenzene	102	76	116
	102209LCSA31D		2513925	n-Propylbenzene	102	76	116
	102209LCSA31D		2513927	o-Xylene	89.5	77	117
	102209LCSA31D		2513925	o-Xylene	89.5	77	117
	102209LCSA31D		2513927	p-Isopropyltoluene	104	76	113

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	102209LCSA31D	WATER	2513925	p-Isopropyltoluene	104	76	113
	102209LCSA31D		2513927	Sec-Butylbenzene	102	80	120
	102209LCSA31D		2513925	Sec-Butylbenzene	102	80	120
	102209LCSA31D		2513925	Styrene	101	77	117
	102209LCSA31D		2513927	Styrene	101	77	117
	102209LCSA31D		2513925	tert-Butylbenzene	108	76	116
	102209LCSA31D		2513927	tert-Butylbenzene	108	76	116
	102209LCSA31D		2513927	Tetrachloroethene	93.5	77	117
	102209LCSA31D		2513925	Tetrachloroethene	93.5	77	117
	102209LCSA31D		2513925	Toluene	99.5	73	120
	102209LCSA31D		2513927	Toluene	99.5	73	120
	102209LCSA31D		2513927	trans-1,2-Dichloroethene	96.5	80	120
	102209LCSA31D		2513925	trans-1,2-Dichloroethene	96.5	80	120
	102209LCSA31D		2513925	trans-1,3-Dichloropropene	94.5	72	117
	102209LCSA31D		2513927	trans-1,3-Dichloropropene	94.5	72	117
	102209LCSA31D		2513925	Trichloroethene	93.5	78	122
	102209LCSA31D		2513927	Trichloroethene	93.5	78	122
	102209LCSA31D		2513927	Trichlorofluoromethane	98	65	190
	102209LCSA31D		2513925	Trichlorofluoromethane	98	65	190
	102209LCSA31D		2513927	Vinyl chloride	95	49	136
	102209LCSA31D		2513925	Vinyl chloride	95	49	136
	102209LCSA31D		2513925	Xylenes, Total	94.2	77	117
	102209LCSA31D		2513927	Xylenes, Total	94.2	77	117
	121709LCSA31		2514463	1,1,1,2-Tetrachloroethane	104	77	117
	121709LCSA31		2514463	1,1,1-Trichloroethane	108	78	118
	121709LCSA31		2514463	1,1,2,2-Tetrachloroethane	98	73	119
	121709LCSA31		2514463	1,1,2-Trichloroethane	101	76	116
	121709LCSA31		2514463	1,1-Dichloroethane	108	77	117
	121709LCSA31		2514463	1,1-Dichloroethene	105	66	133
	121709LCSA31		2514463	1,1-Dichloropropene	113	75	115
	121709LCSA31		2514463	1,2,3-Trichlorobenzene	110	66	123
	121709LCSA31		2514463	1,2,3-Trichloropropane	100	84	118
	121709LCSA31		2514463	1,2,4-Trichlorobenzene	110	73	121
	121709LCSA31		2514463	1,2,4-Trimethylbenzene	108	77	120
	121709LCSA31		2514463	1,2-Dibromo-3-chloropropane	100	65	117
	121709LCSA31		2514463	1,2-Dibromoethane	104	77	117
	121709LCSA31		2514463	1,2-Dichlorobenzene	104	76	116
	121709LCSA31		2514463	1,2-Dichloroethane	101	74	120
	121709LCSA31		2514463	1,2-Dichloropropane	104	76	116
	121709LCSA31		2514463	1,3,5-Trimethylbenzene	109	77	117
	121709LCSA31		2514463	1,3-Dichlorobenzene	104	75	115
	121709LCSA31		2514463	1,3-Dichloropropane	98.5	75	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	121709LCSA31	WATER	2514463	1,4-Dichlorobenzene	104	77	117
	121709LCSA31		2514463	2,2-Dichloropropane	99	72	128
	121709LCSA31		2514463	2-Butanone	117	57	120
	121709LCSA31		2514463	2-Chlorotoluene	107	76	116
	121709LCSA31		2514463	2-Hexanone	121	57	121
	121709LCSA31		2514463	4-Chlorotoluene	106	78	118
	121709LCSA31		2514463	4-Methyl-2-Pentanone	107	65	118
	121709LCSA31		2514463	Acetone	117	48	130
	121709LCSA31		2514463	Benzene	104	77	118
	121709LCSA31		2514463	Bromobenzene	102	75	115
	121709LCSA31		2514463	Bromochloromethane	105	78	118
	121709LCSA31		2514463	Bromodichloromethane	105	78	118
	121709LCSA31		2514463	Bromoform	85	74	121
	121709LCSA31		2514463	Bromomethane	98	42	154
	121709LCSA31		2514463	**Carbon Disulfide**	**112**	**56**	**104**
	121709LCSA31		2514463	Carbon tetrachloride	102	80	120
	121709LCSA31		2514463	Chlorobenzene	104	78	118
	121709LCSA31		2514463	Chloroethane	97	51	133
	121709LCSA31		2514463	Chloroform	106	78	118
	121709LCSA31		2514463	Chloromethane	108	46	142
	121709LCSA31		2514463	Cis-1,2-DCE	107	75	115
	121709LCSA31		2514463	cis-1,3-Dichloropropene	104	76	113
	121709LCSA31		2514463	Dibromochloromethane	104	76	116
	121709LCSA31		2514463	Dibromomethane	106	77	117
	121709LCSA31		2514463	Dichlorodifluoromethane	101	56	140
	121709LCSA31		2514463	Ethylbenzene	108	78	118
	121709LCSA31		2514463	Hexachlorobutadiene	112	73	123
	121709LCSA31		2514463	Isopropylbenzene	108	71	113
	121709LCSA31		2514463	m,p-Xylene	102	78	118
	121709LCSA31		2514463	Methyl tert-Butyl Ether	94	58	116
	121709LCSA31		2514463	Methylene chloride	102	71	119
	121709LCSA31		2514463	Naphthalene	115	62	121
	121709LCSA31		2514463	n-Butylbenzene	115	76	117
	121709LCSA31		2514463	n-Propylbenzene	110	76	116
	121709LCSA31		2514463	o-Xylene	105	77	117
	121709LCSA31		2514463	p-Isopropyltoluene	111	76	113
	121709LCSA31		2514463	Sec-Butylbenzene	110	80	120
	121709LCSA31		2514463	Styrene	109	77	117
	121709LCSA31		2514463	tert-Butylbenzene	114	76	116
	121709LCSA31		2514463	Tetrachloroethene	108	77	117
	121709LCSA31		2514463	Toluene	107	73	120
	121709LCSA31		2514463	trans-1,2-Dichloroethene	110	80	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	121709LCSA31	WATER	2514463	trans-1,3-Dichloropropene	98	72	117
	121709LCSA31		2514463	Trichloroethene	106	78	122
	121709LCSA31		2514463	Trichlorofluoromethane	108	65	190
	121709LCSA31		2514463	Vinyl chloride	97	49	136
	121709LCSA31		2514463	Xylenes, Total	103	77	117
	121709LCSA31D		2514463	1,1,1,2-Tetrachloroethane	96	77	117
	121709LCSA31D		2514463	1,1,1-Trichloroethane	101	78	118
	121709LCSA31D		2514463	1,1,2,2-Tetrachloroethane	91	73	119
	121709LCSA31D		2514463	1,1,2-Trichloroethane	98	76	116
	121709LCSA31D		2514463	1,1-Dichloroethane	102	77	117
	121709LCSA31D		2514463	1,1-Dichloroethene	98.5	66	133
	121709LCSA31D		2514463	1,1-Dichloropropene	104	75	115
	121709LCSA31D		2514463	1,2,3-Trichlorobenzene	101	66	123
	121709LCSA31D		2514463	1,2,3-Trichloropropane	96.5	84	118
	121709LCSA31D		2514463	1,2,4-Trichlorobenzene	102	73	121
	121709LCSA31D		2514463	1,2,4-Trimethylbenzene	101	77	120
	121709LCSA31D		2514463	1,2-Dibromo-3-chloropropane	94	65	117
	121709LCSA31D		2514463	1,2-Dibromoethane	97	77	117
	121709LCSA31D		2514463	1,2-Dichlorobenzene	97	76	116
	121709LCSA31D		2514463	1,2-Dichloroethane	97.5	74	120
	121709LCSA31D		2514463	1,2-Dichloropropane	99	76	116
	121709LCSA31D		2514463	1,3,5-Trimethylbenzene	102	77	117
	121709LCSA31D		2514463	1,3-Dichlorobenzene	98	75	115
	121709LCSA31D		2514463	1,3-Dichloropropane	93.5	75	115
	121709LCSA31D		2514463	1,4-Dichlorobenzene	96.5	77	117
	121709LCSA31D		2514463	2,2-Dichloropropane	91.5	72	128
	121709LCSA31D		2514463	2-Butanone	112	57	120
	121709LCSA31D		2514463	2-Chlorotoluene	99	76	116
	121709LCSA31D		2514463	2-Hexanone	108	57	121
	121709LCSA31D		2514463	4-Chlorotoluene	98.5	78	118
	121709LCSA31D		2514463	4-Methyl-2-Pentanone	97.5	65	118
	121709LCSA31D		2514463	Acetone	106	48	130
	121709LCSA31D		2514463	Benzene	99	77	118
	121709LCSA31D		2514463	Bromobenzene	96.5	75	115
	121709LCSA31D		2514463	Bromochloromethane	102	78	118
	121709LCSA31D		2514463	Bromodichloromethane	99.5	78	118
	121709LCSA31D		2514463	Bromoform	85	74	121
	121709LCSA31D		2514463	Bromomethane	93	42	154
	121709LCSA31D		2514463	**Carbon Disulfide**	**106**	**56**	**104**
	121709LCSA31D		2514463	Carbon tetrachloride	98.5	80	120
	121709LCSA31D		2514463	Chlorobenzene	98.5	78	118
	121709LCSA31D		2514463	Chloroethane	89	51	133

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B							
	121709LCSA31D	WATER	2514463	Chloroform	102	78	118
	121709LCSA31D		2514463	Chloromethane	102	46	142
	121709LCSA31D		2514463	Cis-1,2-DCE	100	75	115
	121709LCSA31D		2514463	cis-1,3-Dichloropropene	98.5	76	113
	121709LCSA31D		2514463	Dibromochloromethane	97.5	76	116
	121709LCSA31D		2514463	Dibromomethane	99.5	77	117
	121709LCSA31D		2514463	Dichlorodifluoromethane	98	56	140
	121709LCSA31D		2514463	Ethylbenzene	102	78	118
	121709LCSA31D		2514463	Hexachlorobutadiene	105	73	123
	121709LCSA31D		2514463	Isopropylbenzene	99.5	71	113
	121709LCSA31D		2514463	m,p-Xylene	96.5	78	118
	121709LCSA31D		2514463	Methyl tert-Butyl Ether	88	58	116
	121709LCSA31D		2514463	Methylene chloride	94	71	119
	121709LCSA31D		2514463	Naphthalene	105	62	121
	121709LCSA31D		2514463	n-Butylbenzene	108	76	117
	121709LCSA31D		2514463	n-Propylbenzene	102	76	116
	121709LCSA31D		2514463	o-Xylene	99.5	77	117
	121709LCSA31D		2514463	p-Isopropyltoluene	104	76	113
	121709LCSA31D		2514463	Sec-Butylbenzene	102	80	120
	121709LCSA31D		2514463	Styrene	102	77	117
	121709LCSA31D		2514463	tert-Butylbenzene	104	76	116
	121709LCSA31D		2514463	Tetrachloroethene	100	77	117
	121709LCSA31D		2514463	Toluene	102	73	120
	121709LCSA31D		2514463	trans-1,2-Dichloroethene	102	80	120
	121709LCSA31D		2514463	trans-1,3-Dichloropropene	95	72	117
	121709LCSA31D		2514463	Trichloroethene	100	78	122
	121709LCSA31D		2514463	Trichlorofluoromethane	102	65	190
	121709LCSA31D		2514463	Vinyl chloride	88	49	136
	121709LCSA31D		2514463	Xylenes, Total	97.5	77	117
SW8270C							
	292958	WATER	2513827	1,2-Dichlorobenzene	82.8	40	120
	292958		2513819	1,2-Dichlorobenzene	82.8	40	120
	292958		2513818	1,2-Dichlorobenzene	82.8	40	120
	292958		2513818	1,2-Diphenylhydrazine	95.5	55	120
	292958		2513819	1,2-Diphenylhydrazine	95.5	55	120
	292958		2513827	1,2-Diphenylhydrazine	95.5	55	120
	292958		2513819	1,3-Dinitrobenzene	84.5	45	135
	292958		2513818	1,3-Dinitrobenzene	84.5	45	135
	292958		2513827	1,3-Dinitrobenzene	84.5	45	135
	292958		2513818	2,4,5-Trichlorophenol	102	60	120
	292958		2513819	2,4,5-Trichlorophenol	102	60	120
	292958		2513827	2,4,5-Trichlorophenol	102	60	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	292958	WATER	2513827	2,4,6-Trichlorophenol	100	52	120
	292958		2513819	2,4,6-Trichlorophenol	100	52	120
	292958		2513818	2,4,6-Trichlorophenol	100	52	120
	292958		2513819	2,4-Dichlorophenol	98.2	59	120
	292958		2513827	2,4-Dichlorophenol	98.2	59	120
	292958		2513818	2,4-Dichlorophenol	98.2	59	120
	292958		2513819	2,4-Dimethylphenol	91.2	41	120
	292958		2513818	2,4-Dimethylphenol	91.2	41	120
	292958		2513827	2,4-Dimethylphenol	91.2	41	120
	292958		2513827	2,4-Dinitrophenol	105	30	136
	292958		2513818	2,4-Dinitrophenol	105	30	136
	292958		2513819	2,4-Dinitrophenol	105	30	136
	292958		2513819	2,4-Dinitrotoluene	99.2	51	120
	292958		2513827	2,4-Dinitrotoluene	99.2	51	120
	292958		2513818	2,4-Dinitrotoluene	99.2	51	120
	292958		2513819	2,6-Dinitrotoluene	98.5	42	125
	292958		2513818	2,6-Dinitrotoluene	98.5	42	125
	292958		2513827	2,6-Dinitrotoluene	98.5	42	125
	292958		2513818	2-Chloronaphthalene	92.5	47	120
	292958		2513827	2-Chloronaphthalene	92.5	47	120
	292958		2513819	2-Chloronaphthalene	92.5	47	120
	292958		2513827	2-Chlorophenol	92.5	57	120
	292958		2513818	2-Chlorophenol	92.5	57	120
	292958		2513819	2-Chlorophenol	92.5	57	120
	292958		2513818	2-Methylnaphthalene	94.5	54	120
	292958		2513819	2-Methylnaphthalene	94.5	54	120
	292958		2513827	2-Methylnaphthalene	94.5	54	120
	292958		2513827	2-Methylphenol	85.5	50	120
	292958		2513818	2-Methylphenol	85.5	50	120
	292958		2513819	2-Methylphenol	85.5	50	120
	292958		2513818	2-Nitroaniline	96	44	120
	292958		2513819	2-Nitroaniline	96	44	120
	292958		2513827	2-Nitroaniline	96	44	120
	292958		2513819	2-Nitrophenol	97	51	120
	292958		2513827	2-Nitrophenol	97	51	120
	292958		2513818	2-Nitrophenol	97	51	120
	292958		2513819	3,3'-Dichlorobenzidine	85.5	29	120
	292958		2513827	3,3'-Dichlorobenzidine	85.5	29	120
	292958		2513818	3,3'-Dichlorobenzidine	85.5	29	120
	292958		2513827	3-Nitroaniline	93.5	49	120
	292958		2513819	3-Nitroaniline	93.5	49	120
	292958		2513818	3-Nitroaniline	93.5	49	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	292958	WATER	2513818	4,6-Dinitro-2-methylphenol	98.8	37	126
	292958		2513827	4,6-Dinitro-2-methylphenol	98.8	37	126
	292958		2513819	4,6-Dinitro-2-methylphenol	98.8	37	126
	292958		2513818	4-Bromophenyl phenyl ether	110	52	120
	292958		2513819	4-Bromophenyl phenyl ether	110	52	120
	292958		2513827	4-Bromophenyl phenyl ether	110	52	120
	292958		2513827	4-Chloro-3-methylphenol	97.2	63	120
	292958		2513819	4-Chloro-3-methylphenol	97.2	63	120
	292958		2513818	4-Chloro-3-methylphenol	97.2	63	120
	292958		2513819	4-Chloroaniline	78.2	52	120
	292958		2513818	4-Chloroaniline	78.2	52	120
	292958		2513827	4-Chloroaniline	78.2	52	120
	292958		2513818	4-Chlorophenyl phenyl ether	104	56	120
	292958		2513819	4-Chlorophenyl phenyl ether	104	56	120
	292958		2513827	4-Chlorophenyl phenyl ether	104	56	120
	292958		2513818	4-Methylphenol	81.5	37	110
	292958		2513819	4-Methylphenol	81.5	37	110
	292958		2513827	4-Methylphenol	81.5	37	110
	292958		2513818	4-Nitroaniline	105	67	120
	292958		2513819	4-Nitroaniline	105	67	120
	292958		2513827	4-Nitroaniline	105	67	120
	292958		2513827	**4-Nitrophenol**	**47.8**	**49**	**124**
	292958		2513819	**4-Nitrophenol**	**47.8**	**49**	**124**
	292958		2513818	**4-Nitrophenol**	**47.8**	**49**	**124**
	292958		2513818	Acenaphthene	95.2	53	120
	292958		2513827	Acenaphthene	95.2	53	120
	292958		2513819	Acenaphthene	95.2	53	120
	292958		2513818	Acenaphthylene	96.2	54	120
	292958		2513827	Acenaphthylene	96.2	54	120
	292958		2513819	Acenaphthylene	96.2	54	120
	292958		2513818	Anthracene	106	56	120
	292958		2513827	Anthracene	106	56	120
	292958		2513819	Anthracene	106	56	120
	292958		2513818	**Benzidine**	**0**	**10**	**218**
	292958		2513827	**Benzidine**	**0**	**10**	**218**
	292958		2513819	**Benzidine**	**0**	**10**	**218**
	292958		2513818	Benzo (a) anthracene	102	54	120
	292958		2513827	Benzo (a) anthracene	102	54	120
	292958		2513819	Benzo (a) anthracene	102	54	120
	292958		2513827	Benzo (a) pyrene	100	53	120
	292958		2513819	Benzo (a) pyrene	100	53	120
	292958		2513818	Benzo (a) pyrene	100	53	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	292958	WATER	2513827	Benzo (b) fluoranthene	104	57	120
	292958		2513819	Benzo (b) fluoranthene	104	57	120
	292958		2513818	Benzo (b) fluoranthene	104	57	120
	292958		2513819	Benzo (g,h,i) perylene	94.5	53	120
	292958		2513827	Benzo (g,h,i) perylene	94.5	53	120
	292958		2513818	Benzo (g,h,i) perylene	94.5	53	120
	292958		2513819	Benzo (k) fluoranthene	100	54	120
	292958		2513827	Benzo (k) fluoranthene	100	54	120
	292958		2513818	Benzo (k) fluoranthene	100	54	120
	292958		2513818	Benzoic acid	23.3	16	120
	292958		2513819	Benzoic acid	23.3	16	120
	292958		2513827	Benzoic acid	23.3	16	120
	292958		2513819	Bis (2-chloroethoxy) methane	104	52	120
	292958		2513818	Bis (2-chloroethoxy) methane	104	52	120
	292958		2513827	Bis (2-chloroethoxy) methane	104	52	120
	292958		2513819	Bis (2-chloroethyl) ether	101	49	120
	292958		2513818	Bis (2-chloroethyl) ether	101	49	120
	292958		2513827	Bis (2-chloroethyl) ether	101	49	120
	292958		2513819	Bis (2-ethylhexyl) phthalate	118	48	120
	292958		2513827	Bis (2-ethylhexyl) phthalate	118	48	120
	292958		2513818	Bis (2-ethylhexyl) phthalate	118	48	120
	292958		2513827	**Butyl benzylphthalate**	**121**	**55**	**120**
	292958		2513818	**Butyl benzylphthalate**	**121**	**55**	**120**
	292958		2513819	**Butyl benzylphthalate**	**121**	**55**	**120**
	292958		2513827	Chrysene	96.5	56	120
	292958		2513819	Chrysene	96.5	56	120
	292958		2513818	Chrysene	96.5	56	120
	292958		2513819	Dibenzo (a,h) anthracene	99.2	54	120
	292958		2513818	Dibenzo (a,h) anthracene	99.2	54	120
	292958		2513827	Dibenzo (a,h) anthracene	99.2	54	120
	292958		2513818	Dibenzofuran	97.8	58	120
	292958		2513827	Dibenzofuran	97.8	58	120
	292958		2513819	Dibenzofuran	97.8	58	120
	292958		2513818	Diethyl phthalate	113	61	120
	292958		2513827	Diethyl phthalate	113	61	120
	292958		2513819	Diethyl phthalate	113	61	120
	292958		2513818	Dimethyl phthalate	105	61	120
	292958		2513827	Dimethyl phthalate	105	61	120
	292958		2513819	Dimethyl phthalate	105	61	120
	292958		2513827	Di-n-butylphthalate	114	52	120
	292958		2513819	Di-n-butylphthalate	114	52	120
	292958		2513818	Di-n-butylphthalate	114	52	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	292958	WATER	2513819	**Di-n-octylphthalate**	**122**	**47**	**120**
	292958		2513818	**Di-n-octylphthalate**	**122**	**47**	**120**
	292958		2513827	**Di-n-octylphthalate**	**122**	**47**	**120**
	292958		2513819	Fluoranthene	102	64	120
	292958		2513819	Fluoranthene	102	49	120
	292958		2513827	Fluoranthene	102	49	120
	292958		2513827	Fluoranthene	102	64	120
	292958		2513818	Fluoranthene	102	49	120
	292958		2513818	Fluoranthene	102	64	120
	292958		2513827	Fluorene	96.8	56	120
	292958		2513827	Fluorene	96.8	57	120
	292958		2513818	Fluorene	96.8	56	120
	292958		2513819	Fluorene	96.8	56	120
	292958		2513819	Fluorene	96.8	57	120
	292958		2513818	Fluorene	96.8	57	120
	292958		2513827	Hexachlorobenzene	96	53	120
	292958		2513818	Hexachlorobenzene	96	53	120
	292958		2513819	Hexachlorobenzene	96	53	120
	292958		2513819	Hexachlorobutadiene	93	42	120
	292958		2513827	Hexachlorobutadiene	93	42	120
	292958		2513827	Hexachlorobutadiene	93	40	120
	292958		2513818	Hexachlorobutadiene	93	42	120
	292958		2513818	Hexachlorobutadiene	93	40	120
	292958		2513819	Hexachlorobutadiene	93	40	120
	292958		2513818	Hexachlorocyclopentadiene	77.5	10	120
	292958		2513819	Hexachlorocyclopentadiene	77.5	10	120
	292958		2513827	Hexachlorocyclopentadiene	77.5	10	120
	292958		2513827	Hexachloroethane	80	36	120
	292958		2513818	Hexachloroethane	80	36	120
	292958		2513819	Hexachloroethane	80	36	120
	292958		2513827	Indeno (1,2,3-c,d) pyrene	95	56	120
	292958		2513819	Indeno (1,2,3-c,d) pyrene	95	56	120
	292958		2513818	Indeno (1,2,3-c,d) pyrene	95	56	120
	292958		2513819	Naphthalene	92.5	46	120
	292958		2513818	Naphthalene	92.5	46	120
	292958		2513827	Naphthalene	92.5	46	120
	292958		2513827	Nitrobenzene	92.8	41	120
	292958		2513818	Nitrobenzene	92.8	41	120
	292958		2513819	Nitrobenzene	92.8	41	120
	292958		2513827	n-Nitrosodi-n-propylamine	101	57	120
	292958		2513819	n-Nitrosodi-n-propylamine	101	57	120
	292958		2513818	n-Nitrosodi-n-propylamine	101	57	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	292958	WATER	2513827	n-Nitrosodiphenylamine	110	58	120
	292958		2513818	n-Nitrosodiphenylamine	110	58	120
	292958		2513819	n-Nitrosodiphenylamine	110	58	120
	292958		2513818	Pentachlorophenol	104	52	120
	292958		2513827	Pentachlorophenol	104	52	120
	292958		2513819	Pentachlorophenol	104	52	120
	292958		2513827	Phenanthrene	96.2	57	120
	292958		2513819	Phenanthrene	96.2	57	120
	292958		2513818	Phenanthrene	96.2	57	120
	292958		2513818	**Phenol**	**48.8**	**52**	**120**
	292958		2513819	**Phenol**	**48.8**	**52**	**120**
	292958		2513827	**Phenol**	**48.8**	**52**	**120**
	292958		2513827	Pyrene	94.2	62	130
	292958		2513819	Pyrene	94.2	62	130
	292958		2513818	Pyrene	94.2	62	130
	292959		2513827	1,2-Dichlorobenzene	80.5	40	120
	292959		2513819	1,2-Dichlorobenzene	80.5	40	120
	292959		2513818	1,2-Dichlorobenzene	80.5	40	120
	292959		2513818	1,2-Diphenylhydrazine	96	55	120
	292959		2513827	1,2-Diphenylhydrazine	96	55	120
	292959		2513819	1,2-Diphenylhydrazine	96	55	120
	292959		2513819	1,3-Dinitrobenzene	84.8	45	135
	292959		2513827	1,3-Dinitrobenzene	84.8	45	135
	292959		2513818	1,3-Dinitrobenzene	84.8	45	135
	292959		2513819	2,4,5-Trichlorophenol	97.5	60	120
	292959		2513818	2,4,5-Trichlorophenol	97.5	60	120
	292959		2513827	2,4,5-Trichlorophenol	97.5	60	120
	292959		2513819	2,4,6-Trichlorophenol	99.5	52	120
	292959		2513827	2,4,6-Trichlorophenol	99.5	52	120
	292959		2513818	2,4,6-Trichlorophenol	99.5	52	120
	292959		2513818	2,4-Dichlorophenol	97	59	120
	292959		2513819	2,4-Dichlorophenol	97	59	120
	292959		2513827	2,4-Dichlorophenol	97	59	120
	292959		2513819	2,4-Dimethylphenol	91.8	41	120
	292959		2513818	2,4-Dimethylphenol	91.8	41	120
	292959		2513827	2,4-Dimethylphenol	91.8	41	120
	292959		2513819	2,4-Dinitrophenol	111	30	136
	292959		2513818	2,4-Dinitrophenol	111	30	136
	292959		2513827	2,4-Dinitrophenol	111	30	136
	292959		2513827	2,4-Dinitrotoluene	102	51	120
	292959		2513819	2,4-Dinitrotoluene	102	51	120
	292959		2513818	2,4-Dinitrotoluene	102	51	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	292959	WATER	2513819	2,6-Dinitrotoluene	100	42	125
	292959		2513827	2,6-Dinitrotoluene	100	42	125
	292959		2513818	2,6-Dinitrotoluene	100	42	125
	292959		2513827	2-Chloronaphthalene	91.8	47	120
	292959		2513818	2-Chloronaphthalene	91.8	47	120
	292959		2513819	2-Chloronaphthalene	91.8	47	120
	292959		2513827	2-Chlorophenol	88.5	57	120
	292959		2513819	2-Chlorophenol	88.5	57	120
	292959		2513818	2-Chlorophenol	88.5	57	120
	292959		2513818	2-Methylnaphthalene	93	54	120
	292959		2513827	2-Methylnaphthalene	93	54	120
	292959		2513819	2-Methylnaphthalene	93	54	120
	292959		2513827	2-Methylphenol	82	50	120
	292959		2513818	2-Methylphenol	82	50	120
	292959		2513819	2-Methylphenol	82	50	120
	292959		2513818	2-Nitroaniline	95	44	120
	292959		2513827	2-Nitroaniline	95	44	120
	292959		2513819	2-Nitroaniline	95	44	120
	292959		2513827	2-Nitrophenol	93.5	51	120
	292959		2513819	2-Nitrophenol	93.5	51	120
	292959		2513818	2-Nitrophenol	93.5	51	120
	292959		2513819	3,3'-Dichlorobenzidine	95.5	29	120
	292959		2513818	3,3'-Dichlorobenzidine	95.5	29	120
	292959		2513827	3,3'-Dichlorobenzidine	95.5	29	120
	292959		2513827	3-Nitroaniline	97.5	49	120
	292959		2513819	3-Nitroaniline	97.5	49	120
	292959		2513818	3-Nitroaniline	97.5	49	120
	292959		2513819	4,6-Dinitro-2-methylphenol	99	37	126
	292959		2513827	4,6-Dinitro-2-methylphenol	99	37	126
	292959		2513818	4,6-Dinitro-2-methylphenol	99	37	126
	292959		2513827	4-Bromophenyl phenyl ether	112	52	120
	292959		2513819	4-Bromophenyl phenyl ether	112	52	120
	292959		2513818	4-Bromophenyl phenyl ether	112	52	120
	292959		2513827	4-Chloro-3-methylphenol	96.8	63	120
	292959		2513818	4-Chloro-3-methylphenol	96.8	63	120
	292959		2513819	4-Chloro-3-methylphenol	96.8	63	120
	292959		2513819	4-Chloroaniline	88.8	52	120
	292959		2513827	4-Chloroaniline	88.8	52	120
	292959		2513818	4-Chloroaniline	88.8	52	120
	292959		2513818	4-Chlorophenyl phenyl ether	106	56	120
	292959		2513819	4-Chlorophenyl phenyl ether	106	56	120
	292959		2513827	4-Chlorophenyl phenyl ether	106	56	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	292959	WATER	2513818	4-Methylphenol	76.8	37	110
	292959		2513827	4-Methylphenol	76.8	37	110
	292959		2513819	4-Methylphenol	76.8	37	110
	292959		2513818	4-Nitroaniline	106	67	120
	292959		2513819	4-Nitroaniline	106	67	120
	292959		2513827	4-Nitroaniline	106	67	120
	292959		2513818	**4-Nitrophenol**	**47.5**	**49**	**124**
	292959		2513819	**4-Nitrophenol**	**47.5**	**49**	**124**
	292959		2513827	**4-Nitrophenol**	**47.5**	**49**	**124**
	292959		2513818	Acenaphthene	94	53	120
	292959		2513819	Acenaphthene	94	53	120
	292959		2513827	Acenaphthene	94	53	120
	292959		2513818	Acenaphthylene	95.5	54	120
	292959		2513827	Acenaphthylene	95.5	54	120
	292959		2513819	Acenaphthylene	95.5	54	120
	292959		2513819	Anthracene	106	56	120
	292959		2513818	Anthracene	106	56	120
	292959		2513827	Anthracene	106	56	120
	292959		2513819	**Benzidine**	**0**	**10**	**218**
	292959		2513818	**Benzidine**	**0**	**10**	**218**
	292959		2513827	**Benzidine**	**0**	**10**	**218**
	292959		2513819	Benzo (a) anthracene	105	54	120
	292959		2513827	Benzo (a) anthracene	105	54	120
	292959		2513818	Benzo (a) anthracene	105	54	120
	292959		2513819	Benzo (a) pyrene	102	53	120
	292959		2513818	Benzo (a) pyrene	102	53	120
	292959		2513827	Benzo (a) pyrene	102	53	120
	292959		2513819	Benzo (b) fluoranthene	105	57	120
	292959		2513818	Benzo (b) fluoranthene	105	57	120
	292959		2513827	Benzo (b) fluoranthene	105	57	120
	292959		2513818	Benzo (g,h,i) perylene	92.5	53	120
	292959		2513819	Benzo (g,h,i) perylene	92.5	53	120
	292959		2513827	Benzo (g,h,i) perylene	92.5	53	120
	292959		2513819	Benzo (k) fluoranthene	101	54	120
	292959		2513818	Benzo (k) fluoranthene	101	54	120
	292959		2513827	Benzo (k) fluoranthene	101	54	120
	292959		2513819	Benzoic acid	22.9	16	120
	292959		2513827	Benzoic acid	22.9	16	120
	292959		2513818	Benzoic acid	22.9	16	120
	292959		2513827	Bis (2-chloroethoxy) methane	103	52	120
	292959		2513818	Bis (2-chloroethoxy) methane	103	52	120
	292959		2513819	Bis (2-chloroethoxy) methane	103	52	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	292959	WATER	2513818	Bis (2-chloroethyl) ether	99.2	49	120
	292959		2513819	Bis (2-chloroethyl) ether	99.2	49	120
	292959		2513827	Bis (2-chloroethyl) ether	99.2	49	120
	292959		2513827	Bis (2-ethylhexyl) phthalate	120	48	120
	292959		2513818	Bis (2-ethylhexyl) phthalate	120	48	120
	292959		2513819	Bis (2-ethylhexyl) phthalate	120	48	120
	292959		2513827	**Butyl benzylphthalate**	**124**	**55**	**120**
	292959		2513819	**Butyl benzylphthalate**	**124**	**55**	**120**
	292959		2513818	**Butyl benzylphthalate**	**124**	**55**	**120**
	292959		2513818	Chrysene	97.5	56	120
	292959		2513827	Chrysene	97.5	56	120
	292959		2513819	Chrysene	97.5	56	120
	292959		2513818	Dibenzo (a,h) anthracene	99	54	120
	292959		2513819	Dibenzo (a,h) anthracene	99	54	120
	292959		2513827	Dibenzo (a,h) anthracene	99	54	120
	292959		2513827	Dibenzofuran	97.2	58	120
	292959		2513819	Dibenzofuran	97.2	58	120
	292959		2513818	Dibenzofuran	97.2	58	120
	292959		2513827	Diethyl phthalate	113	61	120
	292959		2513818	Diethyl phthalate	113	61	120
	292959		2513819	Diethyl phthalate	113	61	120
	292959		2513818	Dimethyl phthalate	106	61	120
	292959		2513819	Dimethyl phthalate	106	61	120
	292959		2513827	Dimethyl phthalate	106	61	120
	292959		2513827	Di-n-butylphthalate	116	52	120
	292959		2513818	Di-n-butylphthalate	116	52	120
	292959		2513819	Di-n-butylphthalate	116	52	120
	292959		2513818	**Di-n-octylphthalate**	**125**	**47**	**120**
	292959		2513827	**Di-n-octylphthalate**	**125**	**47**	**120**
	292959		2513819	**Di-n-octylphthalate**	**125**	**47**	**120**
	292959		2513819	Fluoranthene	104	64	120
	292959		2513819	Fluoranthene	104	49	120
	292959		2513818	Fluoranthene	104	64	120
	292959		2513827	Fluoranthene	104	49	120
	292959		2513818	Fluoranthene	104	49	120
	292959		2513827	Fluoranthene	104	64	120
	292959		2513827	Fluorene	96.8	57	120
	292959		2513827	Fluorene	96.8	56	120
	292959		2513819	Fluorene	96.8	56	120
	292959		2513818	Fluorene	96.8	56	120
	292959		2513818	Fluorene	96.8	57	120
	292959		2513819	Fluorene	96.8	57	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	292959	WATER	2513819	Hexachlorobenzene	96	53	120
	292959		2513827	Hexachlorobenzene	96	53	120
	292959		2513818	Hexachlorobenzene	96	53	120
	292959		2513827	Hexachlorobutadiene	89.8	42	120
	292959		2513827	Hexachlorobutadiene	89.8	40	120
	292959		2513819	Hexachlorobutadiene	89.8	42	120
	292959		2513818	Hexachlorobutadiene	89.8	42	120
	292959		2513818	Hexachlorobutadiene	89.8	40	120
	292959		2513819	Hexachlorobutadiene	89.8	40	120
	292959		2513819	Hexachlorocyclopentadiene	77.5	10	120
	292959		2513827	Hexachlorocyclopentadiene	77.5	10	120
	292959		2513818	Hexachlorocyclopentadiene	77.5	10	120
	292959		2513819	Hexachloroethane	76	36	120
	292959		2513818	Hexachloroethane	76	36	120
	292959		2513827	Hexachloroethane	76	36	120
	292959		2513819	Indeno (1,2,3-c,d) pyrene	94	56	120
	292959		2513827	Indeno (1,2,3-c,d) pyrene	94	56	120
	292959		2513818	Indeno (1,2,3-c,d) pyrene	94	56	120
	292959		2513818	Naphthalene	90.2	46	120
	292959		2513827	Naphthalene	90.2	46	120
	292959		2513819	Naphthalene	90.2	46	120
	292959		2513827	Nitrobenzene	89.2	41	120
	292959		2513818	Nitrobenzene	89.2	41	120
	292959		2513819	Nitrobenzene	89.2	41	120
	292959		2513827	n-Nitrosodi-n-propylamine	99.2	57	120
	292959		2513818	n-Nitrosodi-n-propylamine	99.2	57	120
	292959		2513819	n-Nitrosodi-n-propylamine	99.2	57	120
	292959		2513819	n-Nitrosodiphenylamine	114	58	120
	292959		2513827	n-Nitrosodiphenylamine	114	58	120
	292959		2513818	n-Nitrosodiphenylamine	114	58	120
	292959		2513818	Pentachlorophenol	108	52	120
	292959		2513819	Pentachlorophenol	108	52	120
	292959		2513827	Pentachlorophenol	108	52	120
	292959		2513818	Phenanthrene	97.8	57	120
	292959		2513827	Phenanthrene	97.8	57	120
	292959		2513819	Phenanthrene	97.8	57	120
	292959		2513818	**Phenol**	**43.5**	**52**	**120**
	292959		2513827	**Phenol**	**43.5**	**52**	**120**
	292959		2513819	**Phenol**	**43.5**	**52**	**120**
	292959		2513827	Pyrene	96.5	62	130
	292959		2513818	Pyrene	96.5	62	130
	292959		2513819	Pyrene	96.5	62	130

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293172	WATER	2513858	1,2-Dichlorobenzene	82	40	120
	293172		2513832	1,2-Dichlorobenzene	82	40	120
	293172		2513858	1,2-Diphenylhydrazine	93.8	55	120
	293172		2513832	1,2-Diphenylhydrazine	93.8	55	120
	293172		2513858	1,3-Dinitrobenzene	83.5	45	135
	293172		2513832	1,3-Dinitrobenzene	83.5	45	135
	293172		2513832	2,4,5-Trichlorophenol	100	60	120
	293172		2513858	2,4,5-Trichlorophenol	100	60	120
	293172		2513858	2,4,6-Trichlorophenol	97.8	52	120
	293172		2513832	2,4,6-Trichlorophenol	97.8	52	120
	293172		2513858	2,4-Dichlorophenol	97.5	59	120
	293172		2513832	2,4-Dichlorophenol	97.5	59	120
	293172		2513858	2,4-Dimethylphenol	95.8	41	120
	293172		2513832	2,4-Dimethylphenol	95.8	41	120
	293172		2513832	2,4-Dinitrophenol	108	30	136
	293172		2513858	2,4-Dinitrophenol	108	30	136
	293172		2513858	2,4-Dinitrotoluene	105	51	120
	293172		2513832	2,4-Dinitrotoluene	105	51	120
	293172		2513858	2,6-Dinitrotoluene	100	42	125
	293172		2513832	2,6-Dinitrotoluene	100	42	125
	293172		2513832	2-Chloronaphthalene	86.5	47	120
	293172		2513858	2-Chloronaphthalene	86.5	47	120
	293172		2513858	2-Chlorophenol	90	57	120
	293172		2513832	2-Chlorophenol	90	57	120
	293172		2513832	2-Methylnaphthalene	91.2	54	120
	293172		2513858	2-Methylnaphthalene	91.2	54	120
	293172		2513832	2-Methylphenol	81.5	50	120
	293172		2513858	2-Methylphenol	81.5	50	120
	293172		2513858	2-Nitroaniline	91.2	44	120
	293172		2513832	2-Nitroaniline	91.2	44	120
	293172		2513832	2-Nitrophenol	93.8	51	120
	293172		2513858	2-Nitrophenol	93.8	51	120
	293172		2513858	3,3'-Dichlorobenzidine	101	29	120
	293172		2513832	3,3'-Dichlorobenzidine	101	29	120
	293172		2513832	3-Nitroaniline	94.8	49	120
	293172		2513858	3-Nitroaniline	94.8	49	120
	293172		2513832	4,6-Dinitro-2-methylphenol	96.5	37	126
	293172		2513858	4,6-Dinitro-2-methylphenol	96.5	37	126
	293172		2513858	4-Bromophenyl phenyl ether	105	52	120
	293172		2513832	4-Bromophenyl phenyl ether	105	52	120
	293172		2513832	4-Chloro-3-methylphenol	100	63	120
	293172		2513858	4-Chloro-3-methylphenol	100	63	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293172	WATER	2513832	4-Chloroaniline	92.5	52	120
	293172		2513858	4-Chloroaniline	92.5	52	120
	293172		2513858	4-Chlorophenyl phenyl ether	106	56	120
	293172		2513832	4-Chlorophenyl phenyl ether	106	56	120
	293172		2513832	4-Methylphenol	77.8	37	110
	293172		2513858	4-Methylphenol	77.8	37	110
	293172		2513832	4-Nitroaniline	114	67	120
	293172		2513858	4-Nitroaniline	114	67	120
	293172		2513832	4-Nitrophenol	50.8	49	124
	293172		2513858	4-Nitrophenol	50.8	49	124
	293172		2513832	Acenaphthene	91.8	53	120
	293172		2513858	Acenaphthene	91.8	53	120
	293172		2513858	Acenaphthylene	94	54	120
	293172		2513832	Acenaphthylene	94	54	120
	293172		2513832	Anthracene	104	56	120
	293172		2513858	Anthracene	104	56	120
	293172		2513832	**Benzidine**	**0**	**10**	**218**
	293172		2513858	**Benzidine**	**0**	**10**	**218**
	293172		2513858	Benzo (a) anthracene	102	54	120
	293172		2513832	Benzo (a) anthracene	102	54	120
	293172		2513858	Benzo (a) pyrene	98.8	53	120
	293172		2513832	Benzo (a) pyrene	98.8	53	120
	293172		2513858	Benzo (b) fluoranthene	105	57	120
	293172		2513832	Benzo (b) fluoranthene	105	57	120
	293172		2513858	Benzo (g,h,i) perylene	111	53	120
	293172		2513832	Benzo (g,h,i) perylene	111	53	120
	293172		2513832	Benzo (k) fluoranthene	102	54	120
	293172		2513858	Benzo (k) fluoranthene	102	54	120
	293172		2513832	Benzoic acid	32.9	16	120
	293172		2513858	Benzoic acid	32.9	16	120
	293172		2513832	Bis (2-chloroethoxy) methane	104	52	120
	293172		2513858	Bis (2-chloroethoxy) methane	104	52	120
	293172		2513832	Bis (2-chloroethyl) ether	102	49	120
	293172		2513858	Bis (2-chloroethyl) ether	102	49	120
	293172		2513858	**Bis (2-ethylhexyl) phthalate**	**127**	**48**	**120**
	293172		2513832	**Bis (2-ethylhexyl) phthalate**	**127**	**48**	**120**
	293172		2513858	**Butyl benzylphthalate**	**128**	**55**	**120**
	293172		2513832	**Butyl benzylphthalate**	**128**	**55**	**120**
	293172		2513858	Chrysene	96.8	56	120
	293172		2513832	Chrysene	96.8	56	120
	293172		2513858	Dibenzo (a,h) anthracene	112	54	120
	293172		2513832	Dibenzo (a,h) anthracene	112	54	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293172	WATER	2513858	Dibenzofuran	96.5	58	120
	293172		2513832	Dibenzofuran	96.5	58	120
	293172		2513858	Diethyl phthalate	119	61	120
	293172		2513832	Diethyl phthalate	119	61	120
	293172		2513858	Dimethyl phthalate	107	61	120
	293172		2513832	Dimethyl phthalate	107	61	120
	293172		2513858	Di-n-butylphthalate	115	52	120
	293172		2513832	Di-n-butylphthalate	115	52	120
	293172		2513858	**Di-n-octylphthalate**	**127**	**47**	**120**
	293172		2513832	**Di-n-octylphthalate**	**127**	**47**	**120**
	293172		2513832	Fluoranthene	98.5	64	120
	293172		2513832	Fluoranthene	98.5	49	120
	293172		2513858	Fluoranthene	98.5	64	120
	293172		2513858	Fluoranthene	98.5	49	120
	293172		2513832	Fluorene	95.8	57	120
	293172		2513832	Fluorene	95.8	56	120
	293172		2513858	Fluorene	95.8	56	120
	293172		2513858	Fluorene	95.8	57	120
	293172		2513832	Hexachlorobenzene	92.5	53	120
	293172		2513858	Hexachlorobenzene	92.5	53	120
	293172		2513858	Hexachlorobutadiene	92.8	40	120
	293172		2513858	Hexachlorobutadiene	92.8	42	120
	293172		2513832	Hexachlorobutadiene	92.8	40	120
	293172		2513832	Hexachlorobutadiene	92.8	42	120
	293172		2513858	Hexachlorocyclopentadiene	73.2	10	120
	293172		2513832	Hexachlorocyclopentadiene	73.2	10	120
	293172		2513858	Hexachloroethane	79	36	120
	293172		2513832	Hexachloroethane	79	36	120
	293172		2513832	Indeno (1,2,3-c,d) pyrene	107	56	120
	293172		2513858	Indeno (1,2,3-c,d) pyrene	107	56	120
	293172		2513832	Naphthalene	89	46	120
	293172		2513858	Naphthalene	89	46	120
	293172		2513858	Nitrobenzene	90.8	41	120
	293172		2513832	Nitrobenzene	90.8	41	120
	293172		2513858	n-Nitrosodi-n-propylamine	106	57	120
	293172		2513832	n-Nitrosodi-n-propylamine	106	57	120
	293172		2513858	n-Nitrosodiphenylamine	104	58	120
	293172		2513832	n-Nitrosodiphenylamine	104	58	120
	293172		2513858	Pentachlorophenol	96.8	52	120
	293172		2513832	Pentachlorophenol	96.8	52	120
	293172		2513858	Phenanthrene	94	57	120
	293172		2513832	Phenanthrene	94	57	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293172	WATER	2513832	**Phenol**	**46.8**	**52**	**120**
	293172		2513858	**Phenol**	**46.8**	**52**	**120**
	293172		2513858	Pyrene	95	62	130
	293172		2513832	Pyrene	95	62	130
	293173		2513832	1,2-Dichlorobenzene	80	40	120
	293173		2513858	1,2-Dichlorobenzene	80	40	120
	293173		2513832	1,2-Diphenylhydrazine	102	55	120
	293173		2513858	1,2-Diphenylhydrazine	102	55	120
	293173		2513858	1,3-Dinitrobenzene	89	45	135
	293173		2513832	1,3-Dinitrobenzene	89	45	135
	293173		2513858	2,4,5-Trichlorophenol	106	60	120
	293173		2513832	2,4,5-Trichlorophenol	106	60	120
	293173		2513832	2,4,6-Trichlorophenol	103	52	120
	293173		2513858	2,4,6-Trichlorophenol	103	52	120
	293173		2513858	2,4-Dichlorophenol	102	59	120
	293173		2513832	2,4-Dichlorophenol	102	59	120
	293173		2513858	2,4-Dimethylphenol	98.2	41	120
	293173		2513832	2,4-Dimethylphenol	98.2	41	120
	293173		2513832	2,4-Dinitrophenol	116	30	136
	293173		2513858	2,4-Dinitrophenol	116	30	136
	293173		2513832	2,4-Dinitrotoluene	108	51	120
	293173		2513858	2,4-Dinitrotoluene	108	51	120
	293173		2513832	2,6-Dinitrotoluene	109	42	125
	293173		2513858	2,6-Dinitrotoluene	109	42	125
	293173		2513858	2-Chloronaphthalene	93.2	47	120
	293173		2513832	2-Chloronaphthalene	93.2	47	120
	293173		2513832	2-Chlorophenol	89.5	57	120
	293173		2513858	2-Chlorophenol	89.5	57	120
	293173		2513858	2-Methylnaphthalene	94	54	120
	293173		2513832	2-Methylnaphthalene	94	54	120
	293173		2513858	2-Methylphenol	77.5	50	120
	293173		2513832	2-Methylphenol	77.5	50	120
	293173		2513832	2-Nitroaniline	96.2	44	120
	293173		2513858	2-Nitroaniline	96.2	44	120
	293173		2513858	2-Nitrophenol	99.8	51	120
	293173		2513832	2-Nitrophenol	99.8	51	120
	293173		2513858	3,3'-Dichlorobenzidine	106	29	120
	293173		2513832	3,3'-Dichlorobenzidine	106	29	120
	293173		2513858	3-Nitroaniline	101	49	120
	293173		2513832	3-Nitroaniline	101	49	120
	293173		2513832	4,6-Dinitro-2-methylphenol	104	37	126
	293173		2513858	4,6-Dinitro-2-methylphenol	104	37	126

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293173	WATER	2513832	4-Bromophenyl phenyl ether	110	52	120
	293173		2513858	4-Bromophenyl phenyl ether	110	52	120
	293173		2513858	4-Chloro-3-methylphenol	105	63	120
	293173		2513832	4-Chloro-3-methylphenol	105	63	120
	293173		2513832	4-Chloroaniline	95.5	52	120
	293173		2513858	4-Chloroaniline	95.5	52	120
	293173		2513832	4-Chlorophenyl phenyl ether	114	56	120
	293173		2513858	4-Chlorophenyl phenyl ether	114	56	120
	293173		2513832	4-Methylphenol	76.5	37	110
	293173		2513858	4-Methylphenol	76.5	37	110
	293173		2513858	4-Nitroaniline	117	67	120
	293173		2513832	4-Nitroaniline	117	67	120
	293173		2513858	4-Nitrophenol	50.5	49	124
	293173		2513832	4-Nitrophenol	50.5	49	124
	293173		2513858	Acenaphthene	97.5	53	120
	293173		2513832	Acenaphthene	97.5	53	120
	293173		2513858	Acenaphthylene	99.8	54	120
	293173		2513832	Acenaphthylene	99.8	54	120
	293173		2513858	Anthracene	107	56	120
	293173		2513832	Anthracene	107	56	120
	293173		2513832	**Benzidine**	**0**	**10**	**218**
	293173		2513858	**Benzidine**	**0**	**10**	**218**
	293173		2513832	Benzo (a) anthracene	105	54	120
	293173		2513858	Benzo (a) anthracene	105	54	120
	293173		2513832	Benzo (a) pyrene	104	53	120
	293173		2513858	Benzo (a) pyrene	104	53	120
	293173		2513858	Benzo (b) fluoranthene	109	57	120
	293173		2513832	Benzo (b) fluoranthene	109	57	120
	293173		2513858	Benzo (g,h,i) perylene	117	53	120
	293173		2513832	Benzo (g,h,i) perylene	117	53	120
	293173		2513858	Benzo (k) fluoranthene	110	54	120
	293173		2513832	Benzo (k) fluoranthene	110	54	120
	293173		2513858	Benzoic acid	29	16	120
	293173		2513832	Benzoic acid	29	16	120
	293173		2513858	Bis (2-chloroethoxy) methane	108	52	120
	293173		2513832	Bis (2-chloroethoxy) methane	108	52	120
	293173		2513832	Bis (2-chloroethyl) ether	99.5	49	120
	293173		2513858	Bis (2-chloroethyl) ether	99.5	49	120
	293173		2513858	**Bis (2-ethylhexyl) phthalate**	**127**	**48**	**120**
	293173		2513832	**Bis (2-ethylhexyl) phthalate**	**127**	**48**	**120**
	293173		2513832	**Butyl benzylphthalate**	**130**	**55**	**120**
	293173		2513858	**Butyl benzylphthalate**	**130**	**55**	**120**

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293173	WATER	2513832	Chrysene	97.5	56	120
	293173		2513858	Chrysene	97.5	56	120
	293173		2513858	Dibenzo (a,h) anthracene	119	54	120
	293173		2513832	Dibenzo (a,h) anthracene	119	54	120
	293173		2513858	Dibenzofuran	102	58	120
	293173		2513832	Dibenzofuran	102	58	120
	293173		2513858	**Diethyl phthalate**	**124**	**61**	**120**
	293173		2513832	**Diethyl phthalate**	**124**	**61**	**120**
	293173		2513858	Dimethyl phthalate	111	61	120
	293173		2513832	Dimethyl phthalate	111	61	120
	293173		2513858	Di-n-butylphthalate	119	52	120
	293173		2513832	Di-n-butylphthalate	119	52	120
	293173		2513832	**Di-n-octylphthalate**	**132**	**47**	**120**
	293173		2513858	**Di-n-octylphthalate**	**132**	**47**	**120**
	293173		2513858	Fluoranthene	105	64	120
	293173		2513832	Fluoranthene	105	64	120
	293173		2513858	Fluoranthene	105	49	120
	293173		2513832	Fluoranthene	105	49	120
	293173		2513832	Fluorene	103	57	120
	293173		2513858	Fluorene	103	56	120
	293173		2513858	Fluorene	103	57	120
	293173		2513832	Fluorene	103	56	120
	293173		2513858	Hexachlorobenzene	95.2	53	120
	293173		2513832	Hexachlorobenzene	95.2	53	120
	293173		2513858	Hexachlorobutadiene	95.8	42	120
	293173		2513858	Hexachlorobutadiene	95.8	40	120
	293173		2513832	Hexachlorobutadiene	95.8	40	120
	293173		2513832	Hexachlorobutadiene	95.8	42	120
	293173		2513858	Hexachlorocyclopentadiene	76.8	10	120
	293173		2513832	Hexachlorocyclopentadiene	76.8	10	120
	293173		2513858	Hexachloroethane	77.5	36	120
	293173		2513832	Hexachloroethane	77.5	36	120
	293173		2513832	Indeno (1,2,3-c,d) pyrene	112	56	120
	293173		2513858	Indeno (1,2,3-c,d) pyrene	112	56	120
	293173		2513858	Naphthalene	92.2	46	120
	293173		2513832	Naphthalene	92.2	46	120
	293173		2513832	Nitrobenzene	92.8	41	120
	293173		2513858	Nitrobenzene	92.8	41	120
	293173		2513832	n-Nitrosodi-n-propylamine	100	57	120
	293173		2513858	n-Nitrosodi-n-propylamine	100	57	120
	293173		2513832	n-Nitrosodiphenylamine	110	58	120
	293173		2513858	n-Nitrosodiphenylamine	110	58	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293173	WATER	2513832	Pentachlorophenol	104	52	120
	293173		2513858	Pentachlorophenol	104	52	120
	293173		2513832	Phenanthrene	98.2	57	120
	293173		2513858	Phenanthrene	98.2	57	120
	293173		2513832	**Phenol**	**44.5**	**52**	**120**
	293173		2513858	**Phenol**	**44.5**	**52**	**120**
	293173		2513832	Pyrene	96.2	62	130
	293173		2513858	Pyrene	96.2	62	130
	293587		2513902	1,2-Dichlorobenzene	84	40	120
	293587		2513902	1,2-Diphenylhydrazine	97.2	55	120
	293587		2513902	1,3-Dinitrobenzene	74.8	45	135
	293587		2513902	2,4,5-Trichlorophenol	100	60	120
	293587		2513902	2,4,6-Trichlorophenol	96.8	52	120
	293587		2513902	2,4-Dichlorophenol	96.5	59	120
	293587		2513902	2,4-Dimethylphenol	93	41	120
	293587		2513902	2,4-Dinitrophenol	97.6	30	136
	293587		2513902	2,4-Dinitrotoluene	97	51	120
	293587		2513902	2,6-Dinitrotoluene	98.2	42	125
	293587		2513902	2-Chloronaphthalene	92	47	120
	293587		2513902	2-Chlorophenol	87.5	57	120
	293587		2513902	2-Methylnaphthalene	92.2	54	120
	293587		2513902	2-Methylphenol	80.5	50	120
	293587		2513902	2-Nitroaniline	88	44	120
	293587		2513902	2-Nitrophenol	92.2	51	120
	293587		2513902	3,3'-Dichlorobenzidine	92.2	29	120
	293587		2513902	3-Nitroaniline	82.5	49	120
	293587		2513902	4,6-Dinitro-2-methylphenol	95.2	37	126
	293587		2513902	4-Bromophenyl phenyl ether	116	52	120
	293587		2513902	4-Chloro-3-methylphenol	97	63	120
	293587		2513902	4-Chloroaniline	84.5	52	120
	293587		2513902	4-Chlorophenyl phenyl ether	107	56	120
	293587		2513902	4-Methylphenol	71.5	37	110
	293587		2513902	4-Nitroaniline	89	67	120
	293587		2513902	**4-Nitrophenol**	**38.2**	**49**	**124**
	293587		2513902	Acenaphthene	94	53	120
	293587		2513902	Acenaphthylene	95	54	120
	293587		2513902	Anthracene	106	56	120
	293587		2513902	**Benzidine**	**0**	**10**	**218**
	293587		2513902	Benzo (a) anthracene	101	54	120
	293587		2513902	Benzo (a) pyrene	102	53	120
	293587		2513902	Benzo (b) fluoranthene	106	57	120
	293587		2513902	**Benzo (g,h,i) perylene**	**131**	**53**	**120**

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293587	WATER	2513902	Benzo (k) fluoranthene	108	54	120
	293587		2513902	Benzoic acid	23.2	16	120
	293587		2513902	Bis (2-chloroethoxy) methane	102	52	120
	293587		2513902	Bis (2-chloroethyl) ether	100	49	120
	293587		2513902	**Bis (2-ethylhexyl) phthalate**	**125**	**48**	**120**
	293587		2513902	**Butyl benzylphthalate**	**127**	**55**	**120**
	293587		2513902	Chrysene	100	56	120
	293587		2513902	Dibenzo (a,h) anthracene	118	54	120
	293587		2513902	Dibenzofuran	96.8	58	120
	293587		2513902	Diethyl phthalate	112	61	120
	293587		2513902	Dimethyl phthalate	109	61	120
	293587		2513902	**Di-n-butylphthalate**	**121**	**52**	**120**
	293587		2513902	**Di-n-octylphthalate**	**129**	**47**	**120**
	293587		2513902	Fluoranthene	106	64	120
	293587		2513902	Fluoranthene	106	49	120
	293587		2513902	Fluorene	98	57	120
	293587		2513902	Fluorene	98	56	120
	293587		2513902	Hexachlorobenzene	104	53	120
	293587		2513902	Hexachlorobutadiene	96	42	120
	293587		2513902	Hexachlorobutadiene	96	40	120
	293587		2513902	Hexachlorocyclopentadiene	78.2	10	120
	293587		2513902	Hexachloroethane	83	36	120
	293587		2513902	Indeno (1,2,3-c,d) pyrene	113	56	120
	293587		2513902	Naphthalene	93.2	46	120
	293587		2513902	Nitrobenzene	88.8	41	120
	293587		2513902	n-Nitrosodi-n-propylamine	102	57	120
	293587		2513902	n-Nitrosodiphenylamine	113	58	120
	293587		2513902	Pentachlorophenol	98.2	52	120
	293587		2513902	Phenanthrene	96	57	120
	293587		2513902	**Phenol**	**44**	**52**	**120**
	293587		2513902	Pyrene	100	62	130
	293588		2513902	1,2-Dichlorobenzene	93.2	40	120
	293588		2513902	1,2-Diphenylhydrazine	95.5	55	120
	293588		2513902	1,3-Dinitrobenzene	79.5	45	135
	293588		2513902	2,4,5-Trichlorophenol	102	60	120
	293588		2513902	2,4,6-Trichlorophenol	97	52	120
	293588		2513902	2,4-Dichlorophenol	96.2	59	120
	293588		2513902	2,4-Dimethylphenol	95.8	41	120
	293588		2513902	2,4-Dinitrophenol	62.5	30	136
	293588		2513902	2,4-Dinitrotoluene	93.2	51	120
	293588		2513902	2,6-Dinitrotoluene	101	42	125
	293588		2513902	2-Chloronaphthalene	94	47	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293588	WATER	2513902	2-Chlorophenol	91.8	57	120
	293588		2513902	2-Methylnaphthalene	100	54	120
	293588		2513902	2-Methylphenol	82	50	120
	293588		2513902	2-Nitroaniline	87.5	44	120
	293588		2513902	2-Nitrophenol	94	51	120
	293588		2513902	3,3'-Dichlorobenzidine	98.2	29	120
	293588		2513902	3-Nitroaniline	85.2	49	120
	293588		2513902	4,6-Dinitro-2-methylphenol	94.5	37	126
	293588		2513902	4-Bromophenyl phenyl ether	115	52	120
	293588		2513902	4-Chloro-3-methylphenol	95.5	63	120
	293588		2513902	4-Chloroaniline	85.5	52	120
	293588		2513902	4-Chlorophenyl phenyl ether	110	56	120
	293588		2513902	4-Methylphenol	74.8	37	110
	293588		2513902	4-Nitroaniline	90.5	67	120
	293588		2513902	**4-Nitrophenol**	**37.5**	**49**	**124**
	293588		2513902	Acenaphthene	94.8	53	120
	293588		2513902	Acenaphthylene	97.5	54	120
	293588		2513902	Anthracene	107	56	120
	293588		2513902	**Benzidine**	**0**	**10**	**218**
	293588		2513902	Benzo (a) anthracene	104	54	120
	293588		2513902	Benzo (a) pyrene	100	53	120
	293588		2513902	Benzo (b) fluoranthene	109	57	120
	293588		2513902	Benzo (g,h,i) perylene	118	53	120
	293588		2513902	Benzo (k) fluoranthene	105	54	120
	293588		2513902	**Benzoic acid**	**0**	**16**	**120**
	293588		2513902	Bis (2-chloroethoxy) methane	108	52	120
	293588		2513902	Bis (2-chloroethyl) ether	100	49	120
	293588		2513902	**Bis (2-ethylhexyl) phthalate**	**127**	**48**	**120**
	293588		2513902	**Butyl benzylphthalate**	**130**	**55**	**120**
	293588		2513902	Chrysene	104	56	120
	293588		2513902	Dibenzo (a,h) anthracene	117	54	120
	293588		2513902	Dibenzofuran	97.8	58	120
	293588		2513902	Diethyl phthalate	111	61	120
	293588		2513902	Dimethyl phthalate	109	61	120
	293588		2513902	**Di-n-butylphthalate**	**124**	**52**	**120**
	293588		2513902	**Di-n-octylphthalate**	**132**	**47**	**120**
	293588		2513902	Fluoranthene	106	49	120
	293588		2513902	Fluoranthene	106	64	120
	293588		2513902	Fluorene	98.8	56	120
	293588		2513902	Fluorene	98.8	57	120
	293588		2513902	Hexachlorobenzene	100	53	120
	293588		2513902	Hexachlorobutadiene	116	40	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293588	WATER	2513902	Hexachlorobutadiene	116	42	120
	293588		2513902	Hexachlorocyclopentadiene	86.5	10	120
	293588		2513902	Hexachloroethane	91	36	120
	293588		2513902	Indeno (1,2,3-c,d) pyrene	116	56	120
	293588		2513902	Naphthalene	97	46	120
	293588		2513902	Nitrobenzene	94.2	41	120
	293588		2513902	n-Nitrosodi-n-propylamine	103	57	120
	293588		2513902	n-Nitrosodiphenylamine	115	58	120
	293588		2513902	Pentachlorophenol	90	52	120
	293588		2513902	Phenanthrene	96.5	57	120
	293588		2513902	**Phenol**	**46.8**	**52**	**120**
	293588		2513902	Pyrene	104	62	130
	293650		2513925	1,2-Dichlorobenzene	75.2	40	120
	293650		2513891	1,2-Dichlorobenzene	75.2	40	120
	293650		2513871	1,2-Dichlorobenzene	75.2	40	120
	293650		2513922	1,2-Dichlorobenzene	75.2	40	120
	293650		2513871	1,2-Diphenylhydrazine	97.5	55	120
	293650		2513922	1,2-Diphenylhydrazine	97.5	55	120
	293650		2513925	1,2-Diphenylhydrazine	97.5	55	120
	293650		2513891	1,2-Diphenylhydrazine	97.5	55	120
	293650		2513922	1,3-Dinitrobenzene	81.5	45	135
	293650		2513871	1,3-Dinitrobenzene	81.5	45	135
	293650		2513891	1,3-Dinitrobenzene	81.5	45	135
	293650		2513925	1,3-Dinitrobenzene	81.5	45	135
	293650		2513925	2,4,5-Trichlorophenol	97	60	120
	293650		2513891	2,4,5-Trichlorophenol	97	60	120
	293650		2513922	2,4,5-Trichlorophenol	97	60	120
	293650		2513871	2,4,5-Trichlorophenol	97	60	120
	293650		2513891	2,4,6-Trichlorophenol	93.2	52	120
	293650		2513925	2,4,6-Trichlorophenol	93.2	52	120
	293650		2513922	2,4,6-Trichlorophenol	93.2	52	120
	293650		2513871	2,4,6-Trichlorophenol	93.2	52	120
	293650		2513925	2,4-Dichlorophenol	92.2	59	120
	293650		2513891	2,4-Dichlorophenol	92.2	59	120
	293650		2513871	2,4-Dichlorophenol	92.2	59	120
	293650		2513922	2,4-Dichlorophenol	92.2	59	120
	293650		2513871	2,4-Dimethylphenol	91.2	41	120
	293650		2513925	2,4-Dimethylphenol	91.2	41	120
	293650		2513891	2,4-Dimethylphenol	91.2	41	120
	293650		2513922	2,4-Dimethylphenol	91.2	41	120
	293650		2513891	2,4-Dinitrophenol	98	30	136
	293650		2513925	2,4-Dinitrophenol	98	30	136

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293650	WATER	2513922	2,4-Dinitrophenol	98	30	136
	293650		2513871	2,4-Dinitrophenol	98	30	136
	293650		2513871	2,4-Dinitrotoluene	99.5	51	120
	293650		2513922	2,4-Dinitrotoluene	99.5	51	120
	293650		2513891	2,4-Dinitrotoluene	99.5	51	120
	293650		2513925	2,4-Dinitrotoluene	99.5	51	120
	293650		2513922	2,6-Dinitrotoluene	98.2	42	125
	293650		2513871	2,6-Dinitrotoluene	98.2	42	125
	293650		2513891	2,6-Dinitrotoluene	98.2	42	125
	293650		2513925	2,6-Dinitrotoluene	98.2	42	125
	293650		2513891	2-Chloronaphthalene	87.5	47	120
	293650		2513922	2-Chloronaphthalene	87.5	47	120
	293650		2513925	2-Chloronaphthalene	87.5	47	120
	293650		2513871	2-Chloronaphthalene	87.5	47	120
	293650		2513925	2-Chlorophenol	86.8	57	120
	293650		2513922	2-Chlorophenol	86.8	57	120
	293650		2513871	2-Chlorophenol	86.8	57	120
	293650		2513891	2-Chlorophenol	86.8	57	120
	293650		2513922	2-Methylnaphthalene	89	54	120
	293650		2513925	2-Methylnaphthalene	89	54	120
	293650		2513891	2-Methylnaphthalene	89	54	120
	293650		2513871	2-Methylnaphthalene	89	54	120
	293650		2513925	2-Methylphenol	78.5	50	120
	293650		2513922	2-Methylphenol	78.5	50	120
	293650		2513871	2-Methylphenol	78.5	50	120
	293650		2513891	2-Methylphenol	78.5	50	120
	293650		2513925	2-Nitroaniline	88.5	44	120
	293650		2513871	2-Nitroaniline	88.5	44	120
	293650		2513891	2-Nitroaniline	88.5	44	120
	293650		2513922	2-Nitroaniline	88.5	44	120
	293650		2513925	2-Nitrophenol	87.5	51	120
	293650		2513922	2-Nitrophenol	87.5	51	120
	293650		2513871	2-Nitrophenol	87.5	51	120
	293650		2513891	2-Nitrophenol	87.5	51	120
	293650		2513925	3,3'-Dichlorobenzidine	96	29	120
	293650		2513871	3,3'-Dichlorobenzidine	96	29	120
	293650		2513922	3,3'-Dichlorobenzidine	96	29	120
	293650		2513891	3,3'-Dichlorobenzidine	96	29	120
	293650		2513925	3-Nitroaniline	87.5	49	120
	293650		2513922	3-Nitroaniline	87.5	49	120
	293650		2513891	3-Nitroaniline	87.5	49	120
	293650		2513871	3-Nitroaniline	87.5	49	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293650	WATER	2513871	4,6-Dinitro-2-methylphenol	91.5	37	126
	293650		2513891	4,6-Dinitro-2-methylphenol	91.5	37	126
	293650		2513925	4,6-Dinitro-2-methylphenol	91.5	37	126
	293650		2513922	4,6-Dinitro-2-methylphenol	91.5	37	126
	293650		2513925	4-Bromophenyl phenyl ether	104	52	120
	293650		2513871	4-Bromophenyl phenyl ether	104	52	120
	293650		2513922	4-Bromophenyl phenyl ether	104	52	120
	293650		2513891	4-Bromophenyl phenyl ether	104	52	120
	293650		2513891	4-Chloro-3-methylphenol	94.5	63	120
	293650		2513925	4-Chloro-3-methylphenol	94.5	63	120
	293650		2513871	4-Chloro-3-methylphenol	94.5	63	120
	293650		2513922	4-Chloro-3-methylphenol	94.5	63	120
	293650		2513925	4-Chloroaniline	87.5	52	120
	293650		2513922	4-Chloroaniline	87.5	52	120
	293650		2513891	4-Chloroaniline	87.5	52	120
	293650		2513871	4-Chloroaniline	87.5	52	120
	293650		2513922	4-Chlorophenyl phenyl ether	105	56	120
	293650		2513925	4-Chlorophenyl phenyl ether	105	56	120
	293650		2513891	4-Chlorophenyl phenyl ether	105	56	120
	293650		2513871	4-Chlorophenyl phenyl ether	105	56	120
	293650		2513871	4-Methylphenol	70.5	37	110
	293650		2513925	4-Methylphenol	70.5	37	110
	293650		2513922	4-Methylphenol	70.5	37	110
	293650		2513891	4-Methylphenol	70.5	37	110
	293650		2513871	4-Nitroaniline	104	67	120
	293650		2513925	4-Nitroaniline	104	67	120
	293650		2513891	4-Nitroaniline	104	67	120
	293650		2513922	4-Nitroaniline	104	67	120
	293650		2513922	**4-Nitrophenol**	**42.5**	**49**	**124**
	293650		2513891	**4-Nitrophenol**	**42.5**	**49**	**124**
	293650		2513871	**4-Nitrophenol**	**42.5**	**49**	**124**
	293650		2513925	**4-Nitrophenol**	**42.5**	**49**	**124**
	293650		2513891	Acenaphthene	89.8	53	120
	293650		2513925	Acenaphthene	89.8	53	120
	293650		2513922	Acenaphthene	89.8	53	120
	293650		2513871	Acenaphthene	89.8	53	120
	293650		2513891	Acenaphthylene	94	54	120
	293650		2513871	Acenaphthylene	94	54	120
	293650		2513922	Acenaphthylene	94	54	120
	293650		2513925	Acenaphthylene	94	54	120
	293650		2513925	Anthracene	100	56	120
	293650		2513891	Anthracene	100	56	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293650	WATER	2513871	Anthracene	100	56	120
	293650		2513922	Anthracene	100	56	120
	293650		2513871	**Benzidine**	**0**	**10**	**218**
	293650		2513922	**Benzidine**	**0**	**10**	**218**
	293650		2513891	**Benzidine**	**0**	**10**	**218**
	293650		2513925	**Benzidine**	**0**	**10**	**218**
	293650		2513922	Benzo (a) anthracene	97.8	54	120
	293650		2513891	Benzo (a) anthracene	97.8	54	120
	293650		2513871	Benzo (a) anthracene	97.8	54	120
	293650		2513925	Benzo (a) anthracene	97.8	54	120
	293650		2513925	Benzo (a) pyrene	97	53	120
	293650		2513891	Benzo (a) pyrene	97	53	120
	293650		2513871	Benzo (a) pyrene	97	53	120
	293650		2513922	Benzo (a) pyrene	97	53	120
	293650		2513871	Benzo (b) fluoranthene	104	57	120
	293650		2513891	Benzo (b) fluoranthene	104	57	120
	293650		2513925	Benzo (b) fluoranthene	104	57	120
	293650		2513922	Benzo (b) fluoranthene	104	57	120
	293650		2513891	Benzo (g,h,i) perylene	114	53	120
	293650		2513871	Benzo (g,h,i) perylene	114	53	120
	293650		2513922	Benzo (g,h,i) perylene	114	53	120
	293650		2513925	Benzo (g,h,i) perylene	114	53	120
	293650		2513922	Benzo (k) fluoranthene	102	54	120
	293650		2513891	Benzo (k) fluoranthene	102	54	120
	293650		2513871	Benzo (k) fluoranthene	102	54	120
	293650		2513925	Benzo (k) fluoranthene	102	54	120
	293650		2513871	Benzoic acid	32.6	16	120
	293650		2513922	Benzoic acid	32.6	16	120
	293650		2513891	Benzoic acid	32.6	16	120
	293650		2513925	Benzoic acid	32.6	16	120
	293650		2513922	Bis (2-chloroethoxy) methane	102	52	120
	293650		2513925	Bis (2-chloroethoxy) methane	102	52	120
	293650		2513871	Bis (2-chloroethoxy) methane	102	52	120
	293650		2513891	Bis (2-chloroethoxy) methane	102	52	120
	293650		2513922	Bis (2-chloroethyl) ether	96.8	49	120
	293650		2513925	Bis (2-chloroethyl) ether	96.8	49	120
	293650		2513891	Bis (2-chloroethyl) ether	96.8	49	120
	293650		2513871	Bis (2-chloroethyl) ether	96.8	49	120
	293650		2513871	**Bis (2-ethylhexyl) phthalate**	**124**	**48**	**120**
	293650		2513925	**Bis (2-ethylhexyl) phthalate**	**124**	**48**	**120**
	293650		2513891	**Bis (2-ethylhexyl) phthalate**	**124**	**48**	**120**
	293650		2513922	**Bis (2-ethylhexyl) phthalate**	**124**	**48**	**120**

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293650	WATER	2513925	**Butyl benzylphthalate**	**126**	**55**	**120**
	293650		2513871	**Butyl benzylphthalate**	**126**	**55**	**120**
	293650		2513891	**Butyl benzylphthalate**	**126**	**55**	**120**
	293650		2513922	**Butyl benzylphthalate**	**126**	**55**	**120**
	293650		2513891	Chrysene	98	56	120
	293650		2513871	Chrysene	98	56	120
	293650		2513925	Chrysene	98	56	120
	293650		2513922	Chrysene	98	56	120
	293650		2513891	Dibenzo (a,h) anthracene	110	54	120
	293650		2513871	Dibenzo (a,h) anthracene	110	54	120
	293650		2513922	Dibenzo (a,h) anthracene	110	54	120
	293650		2513925	Dibenzo (a,h) anthracene	110	54	120
	293650		2513891	Dibenzofuran	96.2	58	120
	293650		2513871	Dibenzofuran	96.2	58	120
	293650		2513922	Dibenzofuran	96.2	58	120
	293650		2513925	Dibenzofuran	96.2	58	120
	293650		2513891	Diethyl phthalate	119	61	120
	293650		2513871	Diethyl phthalate	119	61	120
	293650		2513925	Diethyl phthalate	119	61	120
	293650		2513922	Diethyl phthalate	119	61	120
	293650		2513925	Dimethyl phthalate	108	61	120
	293650		2513891	Dimethyl phthalate	108	61	120
	293650		2513871	Dimethyl phthalate	108	61	120
	293650		2513922	Dimethyl phthalate	108	61	120
	293650		2513891	Di-n-butylphthalate	118	52	120
	293650		2513871	Di-n-butylphthalate	118	52	120
	293650		2513922	Di-n-butylphthalate	118	52	120
	293650		2513925	Di-n-butylphthalate	118	52	120
	293650		2513891	**Di-n-octylphthalate**	**128**	**47**	**120**
	293650		2513871	**Di-n-octylphthalate**	**128**	**47**	**120**
	293650		2513925	**Di-n-octylphthalate**	**128**	**47**	**120**
	293650		2513922	**Di-n-octylphthalate**	**128**	**47**	**120**
	293650		2513871	Fluoranthene	102	49	120
	293650		2513922	Fluoranthene	102	64	120
	293650		2513922	Fluoranthene	102	49	120
	293650		2513925	Fluoranthene	102	49	120
	293650		2513871	Fluoranthene	102	64	120
	293650		2513891	Fluoranthene	102	49	120
	293650		2513891	Fluoranthene	102	64	120
	293650		2513925	Fluoranthene	102	64	120
	293650		2513922	Fluorene	94.8	56	120
	293650		2513925	Fluorene	94.8	56	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293650	WATER	2513925	Fluorene	94.8	57	120
	293650		2513922	Fluorene	94.8	57	120
	293650		2513871	Fluorene	94.8	56	120
	293650		2513891	Fluorene	94.8	57	120
	293650		2513891	Fluorene	94.8	56	120
	293650		2513871	Fluorene	94.8	57	120
	293650		2513922	Hexachlorobenzene	90.5	53	120
	293650		2513925	Hexachlorobenzene	90.5	53	120
	293650		2513891	Hexachlorobenzene	90.5	53	120
	293650		2513871	Hexachlorobenzene	90.5	53	120
	293650		2513891	Hexachlorobutadiene	84.5	42	120
	293650		2513891	Hexachlorobutadiene	84.5	40	120
	293650		2513922	Hexachlorobutadiene	84.5	42	120
	293650		2513871	Hexachlorobutadiene	84.5	42	120
	293650		2513922	Hexachlorobutadiene	84.5	40	120
	293650		2513925	Hexachlorobutadiene	84.5	40	120
	293650		2513925	Hexachlorobutadiene	84.5	42	120
	293650		2513871	Hexachlorobutadiene	84.5	40	120
	293650		2513922	Hexachlorocyclopentadiene	72.8	10	120
	293650		2513891	Hexachlorocyclopentadiene	72.8	10	120
	293650		2513925	Hexachlorocyclopentadiene	72.8	10	120
	293650		2513871	Hexachlorocyclopentadiene	72.8	10	120
	293650		2513871	Hexachloroethane	73	36	120
	293650		2513922	Hexachloroethane	73	36	120
	293650		2513891	Hexachloroethane	73	36	120
	293650		2513925	Hexachloroethane	73	36	120
	293650		2513871	Indeno (1,2,3-c,d) pyrene	106	56	120
	293650		2513925	Indeno (1,2,3-c,d) pyrene	106	56	120
	293650		2513922	Indeno (1,2,3-c,d) pyrene	106	56	120
	293650		2513891	Indeno (1,2,3-c,d) pyrene	106	56	120
	293650		2513922	Naphthalene	86.5	46	120
	293650		2513871	Naphthalene	86.5	46	120
	293650		2513925	Naphthalene	86.5	46	120
	293650		2513891	Naphthalene	86.5	46	120
	293650		2513871	Nitrobenzene	89.2	41	120
	293650		2513922	Nitrobenzene	89.2	41	120
	293650		2513891	Nitrobenzene	89.2	41	120
	293650		2513925	Nitrobenzene	89.2	41	120
	293650		2513871	n-Nitrosodi-n-propylamine	102	57	120
	293650		2513891	n-Nitrosodi-n-propylamine	102	57	120
	293650		2513922	n-Nitrosodi-n-propylamine	102	57	120
	293650		2513925	n-Nitrosodi-n-propylamine	102	57	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293650	WATER	2513922	n-Nitrosodiphenylamine	106	58	120
	293650		2513871	n-Nitrosodiphenylamine	106	58	120
	293650		2513891	n-Nitrosodiphenylamine	106	58	120
	293650		2513925	n-Nitrosodiphenylamine	106	58	120
	293650		2513891	Pentachlorophenol	94	52	120
	293650		2513871	Pentachlorophenol	94	52	120
	293650		2513925	Pentachlorophenol	94	52	120
	293650		2513922	Pentachlorophenol	94	52	120
	293650		2513925	Phenanthrene	92	57	120
	293650		2513871	Phenanthrene	92	57	120
	293650		2513922	Phenanthrene	92	57	120
	293650		2513891	Phenanthrene	92	57	120
	293650		2513925	**Phenol**	**44.2**	**52**	**120**
	293650		2513922	**Phenol**	**44.2**	**52**	**120**
	293650		2513871	**Phenol**	**44.2**	**52**	**120**
	293650		2513891	**Phenol**	**44.2**	**52**	**120**
	293650		2513922	Pyrene	96	62	130
	293650		2513891	Pyrene	96	62	130
	293650		2513871	Pyrene	96	62	130
	293650		2513925	Pyrene	96	62	130
	293651		2513925	1,2-Dichlorobenzene	76.5	40	120
	293651		2513891	1,2-Dichlorobenzene	76.5	40	120
	293651		2513871	1,2-Dichlorobenzene	76.5	40	120
	293651		2513922	1,2-Dichlorobenzene	76.5	40	120
	293651		2513871	1,2-Diphenylhydrazine	100	55	120
	293651		2513925	1,2-Diphenylhydrazine	100	55	120
	293651		2513922	1,2-Diphenylhydrazine	100	55	120
	293651		2513891	1,2-Diphenylhydrazine	100	55	120
	293651		2513891	1,3-Dinitrobenzene	83.2	45	135
	293651		2513922	1,3-Dinitrobenzene	83.2	45	135
	293651		2513871	1,3-Dinitrobenzene	83.2	45	135
	293651		2513925	1,3-Dinitrobenzene	83.2	45	135
	293651		2513871	2,4,5-Trichlorophenol	102	60	120
	293651		2513922	2,4,5-Trichlorophenol	102	60	120
	293651		2513891	2,4,5-Trichlorophenol	102	60	120
	293651		2513925	2,4,5-Trichlorophenol	102	60	120
	293651		2513925	2,4,6-Trichlorophenol	95.5	52	120
	293651		2513891	2,4,6-Trichlorophenol	95.5	52	120
	293651		2513922	2,4,6-Trichlorophenol	95.5	52	120
	293651		2513871	2,4,6-Trichlorophenol	95.5	52	120
	293651		2513871	2,4-Dichlorophenol	95	59	120
	293651		2513925	2,4-Dichlorophenol	95	59	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293651	WATER	2513891	2,4-Dichlorophenol	95	59	120
	293651		2513922	2,4-Dichlorophenol	95	59	120
	293651		2513871	2,4-Dimethylphenol	92	41	120
	293651		2513922	2,4-Dimethylphenol	92	41	120
	293651		2513891	2,4-Dimethylphenol	92	41	120
	293651		2513925	2,4-Dimethylphenol	92	41	120
	293651		2513871	2,4-Dinitrophenol	105	30	136
	293651		2513922	2,4-Dinitrophenol	105	30	136
	293651		2513925	2,4-Dinitrophenol	105	30	136
	293651		2513891	2,4-Dinitrophenol	105	30	136
	293651		2513922	2,4-Dinitrotoluene	104	51	120
	293651		2513891	2,4-Dinitrotoluene	104	51	120
	293651		2513871	2,4-Dinitrotoluene	104	51	120
	293651		2513925	2,4-Dinitrotoluene	104	51	120
	293651		2513922	2,6-Dinitrotoluene	102	42	125
	293651		2513871	2,6-Dinitrotoluene	102	42	125
	293651		2513891	2,6-Dinitrotoluene	102	42	125
	293651		2513925	2,6-Dinitrotoluene	102	42	125
	293651		2513891	2-Chloronaphthalene	88.5	47	120
	293651		2513922	2-Chloronaphthalene	88.5	47	120
	293651		2513925	2-Chloronaphthalene	88.5	47	120
	293651		2513871	2-Chloronaphthalene	88.5	47	120
	293651		2513891	2-Chlorophenol	87	57	120
	293651		2513871	2-Chlorophenol	87	57	120
	293651		2513922	2-Chlorophenol	87	57	120
	293651		2513925	2-Chlorophenol	87	57	120
	293651		2513922	2-Methylnaphthalene	90.5	54	120
	293651		2513925	2-Methylnaphthalene	90.5	54	120
	293651		2513891	2-Methylnaphthalene	90.5	54	120
	293651		2513871	2-Methylnaphthalene	90.5	54	120
	293651		2513871	2-Methylphenol	79.5	50	120
	293651		2513891	2-Methylphenol	79.5	50	120
	293651		2513922	2-Methylphenol	79.5	50	120
	293651		2513925	2-Methylphenol	79.5	50	120
	293651		2513925	2-Nitroaniline	93.5	44	120
	293651		2513891	2-Nitroaniline	93.5	44	120
	293651		2513871	2-Nitroaniline	93.5	44	120
	293651		2513922	2-Nitroaniline	93.5	44	120
	293651		2513891	2-Nitrophenol	90.5	51	120
	293651		2513925	2-Nitrophenol	90.5	51	120
	293651		2513922	2-Nitrophenol	90.5	51	120
	293651		2513871	2-Nitrophenol	90.5	51	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293651	WATER	2513925	3,3'-Dichlorobenzidine	90.8	29	120
	293651		2513922	3,3'-Dichlorobenzidine	90.8	29	120
	293651		2513891	3,3'-Dichlorobenzidine	90.8	29	120
	293651		2513871	3,3'-Dichlorobenzidine	90.8	29	120
	293651		2513925	3-Nitroaniline	89.8	49	120
	293651		2513871	3-Nitroaniline	89.8	49	120
	293651		2513891	3-Nitroaniline	89.8	49	120
	293651		2513922	3-Nitroaniline	89.8	49	120
	293651		2513891	4,6-Dinitro-2-methylphenol	91.5	37	126
	293651		2513922	4,6-Dinitro-2-methylphenol	91.5	37	126
	293651		2513871	4,6-Dinitro-2-methylphenol	91.5	37	126
	293651		2513925	4,6-Dinitro-2-methylphenol	91.5	37	126
	293651		2513871	4-Bromophenyl phenyl ether	102	52	120
	293651		2513922	4-Bromophenyl phenyl ether	102	52	120
	293651		2513925	4-Bromophenyl phenyl ether	102	52	120
	293651		2513891	4-Bromophenyl phenyl ether	102	52	120
	293651		2513922	4-Chloro-3-methylphenol	96.2	63	120
	293651		2513925	4-Chloro-3-methylphenol	96.2	63	120
	293651		2513871	4-Chloro-3-methylphenol	96.2	63	120
	293651		2513891	4-Chloro-3-methylphenol	96.2	63	120
	293651		2513922	4-Chloroaniline	88	52	120
	293651		2513891	4-Chloroaniline	88	52	120
	293651		2513871	4-Chloroaniline	88	52	120
	293651		2513925	4-Chloroaniline	88	52	120
	293651		2513891	4-Chlorophenyl phenyl ether	108	56	120
	293651		2513925	4-Chlorophenyl phenyl ether	108	56	120
	293651		2513871	4-Chlorophenyl phenyl ether	108	56	120
	293651		2513922	4-Chlorophenyl phenyl ether	108	56	120
	293651		2513891	4-Methylphenol	75.8	37	110
	293651		2513871	4-Methylphenol	75.8	37	110
	293651		2513925	4-Methylphenol	75.8	37	110
	293651		2513922	4-Methylphenol	75.8	37	110
	293651		2513925	4-Nitroaniline	104	67	120
	293651		2513871	4-Nitroaniline	104	67	120
	293651		2513922	4-Nitroaniline	104	67	120
	293651		2513891	4-Nitroaniline	104	67	120
	293651		2513925	**4-Nitrophenol**	**46.8**	**49**	**124**
	293651		2513891	**4-Nitrophenol**	**46.8**	**49**	**124**
	293651		2513871	**4-Nitrophenol**	**46.8**	**49**	**124**
	293651		2513922	**4-Nitrophenol**	**46.8**	**49**	**124**
	293651		2513871	Acenaphthene	93.5	53	120
	293651		2513922	Acenaphthene	93.5	53	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293651	WATER	2513925	Acenaphthene	93.5	53	120
	293651		2513891	Acenaphthene	93.5	53	120
	293651		2513871	Acenaphthylene	96	54	120
	293651		2513922	Acenaphthylene	96	54	120
	293651		2513891	Acenaphthylene	96	54	120
	293651		2513925	Acenaphthylene	96	54	120
	293651		2513891	Anthracene	106	56	120
	293651		2513871	Anthracene	106	56	120
	293651		2513922	Anthracene	106	56	120
	293651		2513925	Anthracene	106	56	120
	293651		2513891	**Benzidine**	**0**	**10**	**218**
	293651		2513922	**Benzidine**	**0**	**10**	**218**
	293651		2513871	**Benzidine**	**0**	**10**	**218**
	293651		2513925	**Benzidine**	**0**	**10**	**218**
	293651		2513871	Benzo (a) anthracene	99.5	54	120
	293651		2513922	Benzo (a) anthracene	99.5	54	120
	293651		2513925	Benzo (a) anthracene	99.5	54	120
	293651		2513891	Benzo (a) anthracene	99.5	54	120
	293651		2513925	Benzo (a) pyrene	100	53	120
	293651		2513922	Benzo (a) pyrene	100	53	120
	293651		2513891	Benzo (a) pyrene	100	53	120
	293651		2513871	Benzo (a) pyrene	100	53	120
	293651		2513871	Benzo (b) fluoranthene	102	57	120
	293651		2513925	Benzo (b) fluoranthene	102	57	120
	293651		2513922	Benzo (b) fluoranthene	102	57	120
	293651		2513891	Benzo (b) fluoranthene	102	57	120
	293651		2513891	Benzo (g,h,i) perylene	116	53	120
	293651		2513871	Benzo (g,h,i) perylene	116	53	120
	293651		2513925	Benzo (g,h,i) perylene	116	53	120
	293651		2513922	Benzo (g,h,i) perylene	116	53	120
	293651		2513922	Benzo (k) fluoranthene	108	54	120
	293651		2513925	Benzo (k) fluoranthene	108	54	120
	293651		2513871	Benzo (k) fluoranthene	108	54	120
	293651		2513891	Benzo (k) fluoranthene	108	54	120
	293651		2513925	Benzoic acid	28.3	16	120
	293651		2513871	Benzoic acid	28.3	16	120
	293651		2513922	Benzoic acid	28.3	16	120
	293651		2513891	Benzoic acid	28.3	16	120
	293651		2513891	Bis (2-chloroethoxy) methane	104	52	120
	293651		2513925	Bis (2-chloroethoxy) methane	104	52	120
	293651		2513871	Bis (2-chloroethoxy) methane	104	52	120
	293651		2513922	Bis (2-chloroethoxy) methane	104	52	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293651	WATER	2513891	Bis (2-chloroethyl) ether	98.8	49	120
	293651		2513925	Bis (2-chloroethyl) ether	98.8	49	120
	293651		2513922	Bis (2-chloroethyl) ether	98.8	49	120
	293651		2513871	Bis (2-chloroethyl) ether	98.8	49	120
	293651		2513871	**Bis (2-ethylhexyl) phthalate**	**126**	**48**	**120**
	293651		2513925	**Bis (2-ethylhexyl) phthalate**	**126**	**48**	**120**
	293651		2513891	**Bis (2-ethylhexyl) phthalate**	**126**	**48**	**120**
	293651		2513922	**Bis (2-ethylhexyl) phthalate**	**126**	**48**	**120**
	293651		2513922	**Butyl benzylphthalate**	**126**	**55**	**120**
	293651		2513925	**Butyl benzylphthalate**	**126**	**55**	**120**
	293651		2513871	**Butyl benzylphthalate**	**126**	**55**	**120**
	293651		2513891	**Butyl benzylphthalate**	**126**	**55**	**120**
	293651		2513925	Chrysene	96.8	56	120
	293651		2513871	Chrysene	96.8	56	120
	293651		2513891	Chrysene	96.8	56	120
	293651		2513922	Chrysene	96.8	56	120
	293651		2513891	Dibenzo (a,h) anthracene	110	54	120
	293651		2513925	Dibenzo (a,h) anthracene	110	54	120
	293651		2513922	Dibenzo (a,h) anthracene	110	54	120
	293651		2513871	Dibenzo (a,h) anthracene	110	54	120
	293651		2513922	Dibenzofuran	97.5	58	120
	293651		2513925	Dibenzofuran	97.5	58	120
	293651		2513891	Dibenzofuran	97.5	58	120
	293651		2513871	Dibenzofuran	97.5	58	120
	293651		2513891	**Diethyl phthalate**	**122**	**61**	**120**
	293651		2513922	**Diethyl phthalate**	**122**	**61**	**120**
	293651		2513925	**Diethyl phthalate**	**122**	**61**	**120**
	293651		2513871	**Diethyl phthalate**	**122**	**61**	**120**
	293651		2513925	Dimethyl phthalate	110	61	120
	293651		2513922	Dimethyl phthalate	110	61	120
	293651		2513891	Dimethyl phthalate	110	61	120
	293651		2513871	Dimethyl phthalate	110	61	120
	293651		2513925	Di-n-butylphthalate	118	52	120
	293651		2513922	Di-n-butylphthalate	118	52	120
	293651		2513891	Di-n-butylphthalate	118	52	120
	293651		2513871	Di-n-butylphthalate	118	52	120
	293651		2513922	**Di-n-octylphthalate**	**130**	**47**	**120**
	293651		2513925	**Di-n-octylphthalate**	**130**	**47**	**120**
	293651		2513891	**Di-n-octylphthalate**	**130**	**47**	**120**
	293651		2513871	**Di-n-octylphthalate**	**130**	**47**	**120**
	293651		2513922	Fluoranthene	106	49	120
	293651		2513925	Fluoranthene	106	64	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293651	WATER	2513925	Fluoranthene	106	49	120
	293651		2513871	Fluoranthene	106	64	120
	293651		2513922	Fluoranthene	106	64	120
	293651		2513871	Fluoranthene	106	49	120
	293651		2513891	Fluoranthene	106	64	120
	293651		2513891	Fluoranthene	106	49	120
	293651		2513871	Fluorene	98.8	56	120
	293651		2513871	Fluorene	98.8	57	120
	293651		2513925	Fluorene	98.8	56	120
	293651		2513925	Fluorene	98.8	57	120
	293651		2513922	Fluorene	98.8	56	120
	293651		2513891	Fluorene	98.8	56	120
	293651		2513891	Fluorene	98.8	57	120
	293651		2513922	Fluorene	98.8	57	120
	293651		2513891	Hexachlorobenzene	93.5	53	120
	293651		2513871	Hexachlorobenzene	93.5	53	120
	293651		2513925	Hexachlorobenzene	93.5	53	120
	293651		2513922	Hexachlorobenzene	93.5	53	120
	293651		2513925	Hexachlorobutadiene	84.8	42	120
	293651		2513925	Hexachlorobutadiene	84.8	40	120
	293651		2513891	Hexachlorobutadiene	84.8	42	120
	293651		2513891	Hexachlorobutadiene	84.8	40	120
	293651		2513871	Hexachlorobutadiene	84.8	42	120
	293651		2513922	Hexachlorobutadiene	84.8	42	120
	293651		2513922	Hexachlorobutadiene	84.8	40	120
	293651		2513871	Hexachlorobutadiene	84.8	40	120
	293651		2513922	Hexachlorocyclopentadiene	73.5	10	120
	293651		2513925	Hexachlorocyclopentadiene	73.5	10	120
	293651		2513891	Hexachlorocyclopentadiene	73.5	10	120
	293651		2513871	Hexachlorocyclopentadiene	73.5	10	120
	293651		2513925	Hexachloroethane	75.2	36	120
	293651		2513891	Hexachloroethane	75.2	36	120
	293651		2513922	Hexachloroethane	75.2	36	120
	293651		2513871	Hexachloroethane	75.2	36	120
	293651		2513891	Indeno (1,2,3-c,d) pyrene	104	56	120
	293651		2513871	Indeno (1,2,3-c,d) pyrene	104	56	120
	293651		2513925	Indeno (1,2,3-c,d) pyrene	104	56	120
	293651		2513922	Indeno (1,2,3-c,d) pyrene	104	56	120
	293651		2513922	Naphthalene	87	46	120
	293651		2513925	Naphthalene	87	46	120
	293651		2513891	Naphthalene	87	46	120
	293651		2513871	Naphthalene	87	46	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293651	WATER	2513922	Nitrobenzene	89.5	41	120
	293651		2513891	Nitrobenzene	89.5	41	120
	293651		2513925	Nitrobenzene	89.5	41	120
	293651		2513871	Nitrobenzene	89.5	41	120
	293651		2513925	n-Nitrosodi-n-propylamine	102	57	120
	293651		2513922	n-Nitrosodi-n-propylamine	102	57	120
	293651		2513891	n-Nitrosodi-n-propylamine	102	57	120
	293651		2513871	n-Nitrosodi-n-propylamine	102	57	120
	293651		2513871	n-Nitrosodiphenylamine	106	58	120
	293651		2513891	n-Nitrosodiphenylamine	106	58	120
	293651		2513925	n-Nitrosodiphenylamine	106	58	120
	293651		2513922	n-Nitrosodiphenylamine	106	58	120
	293651		2513891	Pentachlorophenol	98.2	52	120
	293651		2513925	Pentachlorophenol	98.2	52	120
	293651		2513922	Pentachlorophenol	98.2	52	120
	293651		2513871	Pentachlorophenol	98.2	52	120
	293651		2513871	Phenanthrene	93.8	57	120
	293651		2513891	Phenanthrene	93.8	57	120
	293651		2513922	Phenanthrene	93.8	57	120
	293651		2513925	Phenanthrene	93.8	57	120
	293651		2513891	**Phenol**	**44.5**	**52**	**120**
	293651		2513925	**Phenol**	**44.5**	**52**	**120**
	293651		2513871	**Phenol**	**44.5**	**52**	**120**
	293651		2513922	**Phenol**	**44.5**	**52**	**120**
	293651		2513891	Pyrene	96	62	130
	293651		2513871	Pyrene	96	62	130
	293651		2513922	Pyrene	96	62	130
	293651		2513925	Pyrene	96	62	130
	293998		2513927	1,2-Dichlorobenzene	89.5	40	120
	293998		2513927	1,2-Diphenylhydrazine	111	55	120
	293998		2513927	1,3-Dinitrobenzene	86.5	45	135
	293998		2513927	2,4,5-Trichlorophenol	115	60	120
	293998		2513927	2,4,6-Trichlorophenol	110	52	120
	293998		2513927	2,4-Dichlorophenol	108	59	120
	293998		2513927	2,4-Dimethylphenol	104	41	120
	293998		2513927	2,4-Dinitrophenol	115	30	136
	293998		2513927	2,4-Dinitrotoluene	117	51	120
	293998		2513927	2,6-Dinitrotoluene	114	42	125
	293998		2513927	2-Chloronaphthalene	104	47	120
	293998		2513927	2-Chlorophenol	93.8	57	120
	293998		2513927	2-Methylnaphthalene	102	54	120
	293998		2513927	2-Methylphenol	88.5	50	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293998	WATER	2513927	2-Nitroaniline	104	44	120
	293998		2513927	2-Nitrophenol	100	51	120
	293998		2513927	3,3'-Dichlorobenzidine	110	29	120
	293998		2513927	3-Nitroaniline	102	49	120
	293998		2513927	4,6-Dinitro-2-methylphenol	108	37	126
	293998		2513927	**4-Bromophenyl phenyl ether**	**122**	**52**	**120**
	293998		2513927	4-Chloro-3-methylphenol	108	63	120
	293998		2513927	4-Chloroaniline	97.5	52	120
	293998		2513927	4-Chlorophenyl phenyl ether	120	56	120
	293998		2513927	4-Methylphenol	77.5	37	110
	293998		2513927	4-Nitroaniline	109	67	120
	293998		2513927	4-Nitrophenol	53	49	124
	293998		2513927	Acenaphthene	103	53	120
	293998		2513927	Acenaphthylene	108	54	120
	293998		2513927	Anthracene	120	56	120
	293998		2513927	**Benzidine**	**0**	**10**	**218**
	293998		2513927	Benzo (a) anthracene	109	54	120
	293998		2513927	Benzo (a) pyrene	111	53	120
	293998		2513927	Benzo (b) fluoranthene	114	57	120
	293998		2513927	**Benzo (g,h,i) perylene**	**132**	**53**	**120**
	293998		2513927	Benzo (k) fluoranthene	117	54	120
	293998		2513927	Benzoic acid	33.1	16	120
	293998		2513927	Bis (2-chloroethoxy) methane	115	52	120
	293998		2513927	Bis (2-chloroethyl) ether	104	49	120
	293998		2513927	**Bis (2-ethylhexyl) phthalate**	**144**	**48**	**120**
	293998		2513927	**Butyl benzylphthalate**	**145**	**55**	**120**
	293998		2513927	Chrysene	111	56	120
	293998		2513927	**Dibenzo (a,h) anthracene**	**126**	**54**	**120**
	293998		2513927	Dibenzofuran	109	58	120
	293998		2513927	**Diethyl phthalate**	**134**	**61**	**120**
	293998		2513927	**Dimethyl phthalate**	**123**	**61**	**120**
	293998		2513927	**Di-n-butylphthalate**	**135**	**52**	**120**
	293998		2513927	**Di-n-octylphthalate**	**150**	**47**	**120**
	293998		2513927	Fluoranthene	120	64	120
	293998		2513927	Fluoranthene	120	49	120
	293998		2513927	Fluorene	110	56	120
	293998		2513927	Fluorene	110	57	120
	293998		2513927	Hexachlorobenzene	104	53	120
	293998		2513927	Hexachlorobutadiene	112	40	120
	293998		2513927	Hexachlorobutadiene	112	42	120
	293998		2513927	Hexachlorocyclopentadiene	88	10	120
	293998		2513927	Hexachloroethane	92.5	36	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293998	WATER	2513927	**Indeno (1,2,3-c,d) pyrene**	**121**	**56**	**120**
	293998		2513927	Naphthalene	100	46	120
	293998		2513927	Nitrobenzene	103	41	120
	293998		2513927	n-Nitrosodi-n-propylamine	111	57	120
	293998		2513927	n-Nitrosodiphenylamine	118	58	120
	293998		2513927	Pentachlorophenol	120	52	120
	293998		2513927	Phenanthrene	108	57	120
	293998		2513927	**Phenol**	**49**	**52**	**120**
	293998		2513927	Pyrene	106	62	130
	293999		2513927	1,2-Dichlorobenzene	88.5	40	120
	293999		2513927	1,2-Diphenylhydrazine	109	55	120
	293999		2513927	1,3-Dinitrobenzene	87	45	135
	293999		2513927	2,4,5-Trichlorophenol	108	60	120
	293999		2513927	2,4,6-Trichlorophenol	108	52	120
	293999		2513927	2,4-Dichlorophenol	102	59	120
	293999		2513927	2,4-Dimethylphenol	99	41	120
	293999		2513927	2,4-Dinitrophenol	109	30	136
	293999		2513927	2,4-Dinitrotoluene	112	51	120
	293999		2513927	2,6-Dinitrotoluene	108	42	125
	293999		2513927	2-Chloronaphthalene	102	47	120
	293999		2513927	2-Chlorophenol	95.2	57	120
	293999		2513927	2-Methylnaphthalene	100	54	120
	293999		2513927	2-Methylphenol	87.2	50	120
	293999		2513927	2-Nitroaniline	99.2	44	120
	293999		2513927	2-Nitrophenol	99	51	120
	293999		2513927	3,3'-Dichlorobenzidine	107	29	120
	293999		2513927	3-Nitroaniline	94.5	49	120
	293999		2513927	4,6-Dinitro-2-methylphenol	104	37	126
	293999		2513927	**4-Bromophenyl phenyl ether**	**122**	**52**	**120**
	293999		2513927	4-Chloro-3-methylphenol	104	63	120
	293999		2513927	4-Chloroaniline	91.8	52	120
	293999		2513927	4-Chlorophenyl phenyl ether	116	56	120
	293999		2513927	4-Methylphenol	81.8	37	110
	293999		2513927	4-Nitroaniline	107	67	120
	293999		2513927	**4-Nitrophenol**	**48**	**49**	**124**
	293999		2513927	Acenaphthene	101	53	120
	293999		2513927	Acenaphthylene	105	54	120
	293999		2513927	Anthracene	116	56	120
	293999		2513927	**Benzidine**	**0**	**10**	**218**
	293999		2513927	Benzo (a) anthracene	107	54	120
	293999		2513927	Benzo (a) pyrene	107	53	120
	293999		2513927	Benzo (b) fluoranthene	110	57	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	293999	WATER	2513927	**Benzo (g,h,i) perylene**	**126**	**53**	**120**
	293999		2513927	Benzo (k) fluoranthene	115	54	120
	293999		2513927	Benzoic acid	37.1	16	120
	293999		2513927	Bis (2-chloroethoxy) methane	111	52	120
	293999		2513927	Bis (2-chloroethyl) ether	106	49	120
	293999		2513927	**Bis (2-ethylhexyl) phthalate**	**140**	**48**	**120**
	293999		2513927	**Butyl benzylphthalate**	**142**	**55**	**120**
	293999		2513927	Chrysene	108	56	120
	293999		2513927	**Dibenzo (a,h) anthracene**	**122**	**54**	**120**
	293999		2513927	Dibenzofuran	106	58	120
	293999		2513927	**Diethyl phthalate**	**130**	**61**	**120**
	293999		2513927	Dimethyl phthalate	118	61	120
	293999		2513927	**Di-n-butylphthalate**	**130**	**52**	**120**
	293999		2513927	**Di-n-octylphthalate**	**143**	**47**	**120**
	293999		2513927	Fluoranthene	113	64	120
	293999		2513927	Fluoranthene	113	49	120
	293999		2513927	Fluorene	105	56	120
	293999		2513927	Fluorene	105	57	120
	293999		2513927	Hexachlorobenzene	104	53	120
	293999		2513927	Hexachlorobutadiene	109	40	120
	293999		2513927	Hexachlorobutadiene	109	42	120
	293999		2513927	Hexachlorocyclopentadiene	88.2	10	120
	293999		2513927	Hexachloroethane	93.5	36	120
	293999		2513927	Indeno (1,2,3-c,d) pyrene	120	56	120
	293999		2513927	Naphthalene	98	46	120
	293999		2513927	Nitrobenzene	98.5	41	120
	293999		2513927	n-Nitrosodi-n-propylamine	112	57	120
	293999		2513927	n-Nitrosodiphenylamine	118	58	120
	293999		2513927	Pentachlorophenol	114	52	120
	293999		2513927	Phenanthrene	104	57	120
	293999		2513927	**Phenol**	**48.2**	**52**	**120**
	293999		2513927	Pyrene	104	62	130
	298061		2514687	1,2-Dichlorobenzene	84.2	40	120
	298061		2514700	1,2-Dichlorobenzene	84.2	40	120
	298061		2514717	1,2-Dichlorobenzene	84.2	40	120
	298061		2514737	1,2-Dichlorobenzene	84.2	40	120
	298061		2514687	1,2-Diphenylhydrazine	100	55	120
	298061		2514717	1,2-Diphenylhydrazine	100	55	120
	298061		2514737	1,2-Diphenylhydrazine	100	55	120
	298061		2514700	1,2-Diphenylhydrazine	100	55	120
	298061		2514687	1,3-Dinitrobenzene	97.2	45	135
	298061		2514717	1,3-Dinitrobenzene	97.2	45	135

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298061	WATER	2514737	1,3-Dinitrobenzene	97.2	45	135
	298061		2514700	1,3-Dinitrobenzene	97.2	45	135
	298061		2514687	2,4,5-Trichlorophenol	98.5	60	120
	298061		2514700	2,4,5-Trichlorophenol	98.5	60	120
	298061		2514737	2,4,5-Trichlorophenol	98.5	60	120
	298061		2514717	2,4,5-Trichlorophenol	98.5	60	120
	298061		2514687	2,4,6-Trichlorophenol	100	52	120
	298061		2514717	2,4,6-Trichlorophenol	100	52	120
	298061		2514700	2,4,6-Trichlorophenol	100	52	120
	298061		2514737	2,4,6-Trichlorophenol	100	52	120
	298061		2514687	2,4-Dichlorophenol	94.2	59	120
	298061		2514737	2,4-Dichlorophenol	94.2	59	120
	298061		2514717	2,4-Dichlorophenol	94.2	59	120
	298061		2514700	2,4-Dichlorophenol	94.2	59	120
	298061		2514687	2,4-Dimethylphenol	94	41	120
	298061		2514737	2,4-Dimethylphenol	94	41	120
	298061		2514700	2,4-Dimethylphenol	94	41	120
	298061		2514717	2,4-Dimethylphenol	94	41	120
	298061		2514687	2,4-Dinitrophenol	82.9	30	136
	298061		2514717	2,4-Dinitrophenol	82.9	30	136
	298061		2514737	2,4-Dinitrophenol	82.9	30	136
	298061		2514700	2,4-Dinitrophenol	82.9	30	136
	298061		2514687	2,4-Dinitrotoluene	98.8	51	120
	298061		2514717	2,4-Dinitrotoluene	98.8	51	120
	298061		2514737	2,4-Dinitrotoluene	98.8	51	120
	298061		2514700	2,4-Dinitrotoluene	98.8	51	120
	298061		2514687	2,6-Dinitrotoluene	94.8	42	125
	298061		2514700	2,6-Dinitrotoluene	94.8	42	125
	298061		2514717	2,6-Dinitrotoluene	94.8	42	125
	298061		2514737	2,6-Dinitrotoluene	94.8	42	125
	298061		2514687	2-Chloronaphthalene	93.2	47	120
	298061		2514700	2-Chloronaphthalene	93.2	47	120
	298061		2514737	2-Chloronaphthalene	93.2	47	120
	298061		2514717	2-Chloronaphthalene	93.2	47	120
	298061		2514687	2-Chlorophenol	90	57	120
	298061		2514700	2-Chlorophenol	90	57	120
	298061		2514737	2-Chlorophenol	90	57	120
	298061		2514717	2-Chlorophenol	90	57	120
	298061		2514687	2-Methylnaphthalene	91	54	120
	298061		2514737	2-Methylnaphthalene	91	54	120
	298061		2514700	2-Methylnaphthalene	91	54	120
	298061		2514717	2-Methylnaphthalene	91	54	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298061	WATER	2514687	2-Methylphenol	85.2	50	120
	298061		2514717	2-Methylphenol	85.2	50	120
	298061		2514737	2-Methylphenol	85.2	50	120
	298061		2514700	2-Methylphenol	85.2	50	120
	298061		2514687	2-Nitroaniline	95.5	44	120
	298061		2514717	2-Nitroaniline	95.5	44	120
	298061		2514700	2-Nitroaniline	95.5	44	120
	298061		2514737	2-Nitroaniline	95.5	44	120
	298061		2514687	2-Nitrophenol	95.8	51	120
	298061		2514737	2-Nitrophenol	95.8	51	120
	298061		2514717	2-Nitrophenol	95.8	51	120
	298061		2514700	2-Nitrophenol	95.8	51	120
	298061		2514687	3,3'-Dichlorobenzidine	94.8	29	120
	298061		2514737	3,3'-Dichlorobenzidine	94.8	29	120
	298061		2514700	3,3'-Dichlorobenzidine	94.8	29	120
	298061		2514717	3,3'-Dichlorobenzidine	94.8	29	120
	298061		2514687	3-Nitroaniline	98.2	49	120
	298061		2514737	3-Nitroaniline	98.2	49	120
	298061		2514717	3-Nitroaniline	98.2	49	120
	298061		2514700	3-Nitroaniline	98.2	49	120
	298061		2514687	4,6-Dinitro-2-methylphenol	94	37	126
	298061		2514737	4,6-Dinitro-2-methylphenol	94	37	126
	298061		2514717	4,6-Dinitro-2-methylphenol	94	37	126
	298061		2514700	4,6-Dinitro-2-methylphenol	94	37	126
	298061		2514687	4-Bromophenyl phenyl ether	118	52	120
	298061		2514717	4-Bromophenyl phenyl ether	118	52	120
	298061		2514700	4-Bromophenyl phenyl ether	118	52	120
	298061		2514737	4-Bromophenyl phenyl ether	118	52	120
	298061		2514687	4-Chloro-3-methylphenol	90.5	63	120
	298061		2514717	4-Chloro-3-methylphenol	90.5	63	120
	298061		2514700	4-Chloro-3-methylphenol	90.5	63	120
	298061		2514737	4-Chloro-3-methylphenol	90.5	63	120
	298061		2514687	4-Chloroaniline	89.5	52	120
	298061		2514737	4-Chloroaniline	89.5	52	120
	298061		2514717	4-Chloroaniline	89.5	52	120
	298061		2514700	4-Chloroaniline	89.5	52	120
	298061		2514687	4-Chlorophenyl phenyl ether	110	56	120
	298061		2514737	4-Chlorophenyl phenyl ether	110	56	120
	298061		2514717	4-Chlorophenyl phenyl ether	110	56	120
	298061		2514700	4-Chlorophenyl phenyl ether	110	56	120
	298061		2514687	**4-Methylphenol**	**146**	**37**	**110**
	298061		2514717	**4-Methylphenol**	**146**	**37**	**110**

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298061	WATER	2514737	**4-Methylphenol**	**146**	**37**	**110**
	298061		2514700	**4-Methylphenol**	**146**	**37**	**110**
	298061		2514687	4-Nitroaniline	111	67	120
	298061		2514700	4-Nitroaniline	111	67	120
	298061		2514717	4-Nitroaniline	111	67	120
	298061		2514737	4-Nitroaniline	111	67	120
	298061		2514687	4-Nitrophenol	51	49	124
	298061		2514737	4-Nitrophenol	51	49	124
	298061		2514700	4-Nitrophenol	51	49	124
	298061		2514717	4-Nitrophenol	51	49	124
	298061		2514687	Acenaphthene	94.2	53	120
	298061		2514700	Acenaphthene	94.2	53	120
	298061		2514737	Acenaphthene	94.2	53	120
	298061		2514717	Acenaphthene	94.2	53	120
	298061		2514687	Acenaphthylene	95.2	54	120
	298061		2514717	Acenaphthylene	95.2	54	120
	298061		2514700	Acenaphthylene	95.2	54	120
	298061		2514737	Acenaphthylene	95.2	54	120
	298061		2514687	Anthracene	106	56	120
	298061		2514737	Anthracene	106	56	120
	298061		2514700	Anthracene	106	56	120
	298061		2514717	Anthracene	106	56	120
	298061		2514687	Benzidine	56	10	218
	298061		2514700	Benzidine	56	10	218
	298061		2514737	Benzidine	56	10	218
	298061		2514717	Benzidine	56	10	218
	298061		2514687	Benzo (a) anthracene	101	54	120
	298061		2514717	Benzo (a) anthracene	101	54	120
	298061		2514700	Benzo (a) anthracene	101	54	120
	298061		2514737	Benzo (a) anthracene	101	54	120
	298061		2514687	Benzo (a) pyrene	104	53	120
	298061		2514737	Benzo (a) pyrene	104	53	120
	298061		2514700	Benzo (a) pyrene	104	53	120
	298061		2514717	Benzo (a) pyrene	104	53	120
	298061		2514687	Benzo (b) fluoranthene	95.5	57	120
	298061		2514737	Benzo (b) fluoranthene	95.5	57	120
	298061		2514717	Benzo (b) fluoranthene	95.5	57	120
	298061		2514700	Benzo (b) fluoranthene	95.5	57	120
	298061		2514687	Benzo (g,h,i) perylene	101	53	120
	298061		2514717	Benzo (g,h,i) perylene	101	53	120
	298061		2514700	Benzo (g,h,i) perylene	101	53	120
	298061		2514737	Benzo (g,h,i) perylene	101	53	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298061	WATER	2514687	Benzo (k) fluoranthene	95.8	54	120
	298061		2514737	Benzo (k) fluoranthene	95.8	54	120
	298061		2514700	Benzo (k) fluoranthene	95.8	54	120
	298061		2514717	Benzo (k) fluoranthene	95.8	54	120
	298061		2514687	**Benzoic acid**	**0**	**16**	**120**
	298061		2514700	**Benzoic acid**	**0**	**16**	**120**
	298061		2514737	**Benzoic acid**	**0**	**16**	**120**
	298061		2514717	**Benzoic acid**	**0**	**16**	**120**
	298061		2514687	Bis (2-chloroethoxy) methane	115	52	120
	298061		2514717	Bis (2-chloroethoxy) methane	115	52	120
	298061		2514737	Bis (2-chloroethoxy) methane	115	52	120
	298061		2514700	Bis (2-chloroethoxy) methane	115	52	120
	298061		2514687	Bis (2-chloroethyl) ether	105	49	120
	298061		2514737	Bis (2-chloroethyl) ether	105	49	120
	298061		2514700	Bis (2-chloroethyl) ether	105	49	120
	298061		2514717	Bis (2-chloroethyl) ether	105	49	120
	298061		2514687	**Bis (2-ethylhexyl) phthalate**	**127**	**48**	**120**
	298061		2514737	**Bis (2-ethylhexyl) phthalate**	**127**	**48**	**120**
	298061		2514700	**Bis (2-ethylhexyl) phthalate**	**127**	**48**	**120**
	298061		2514717	**Bis (2-ethylhexyl) phthalate**	**127**	**48**	**120**
	298061		2514687	**Butyl benzylphthalate**	**124**	**55**	**120**
	298061		2514737	**Butyl benzylphthalate**	**124**	**55**	**120**
	298061		2514700	**Butyl benzylphthalate**	**124**	**55**	**120**
	298061		2514717	**Butyl benzylphthalate**	**124**	**55**	**120**
	298061		2514687	Chrysene	103	56	120
	298061		2514737	Chrysene	103	56	120
	298061		2514700	Chrysene	103	56	120
	298061		2514717	Chrysene	103	56	120
	298061		2514687	Dibenzo (a,h) anthracene	108	54	120
	298061		2514717	Dibenzo (a,h) anthracene	108	54	120
	298061		2514700	Dibenzo (a,h) anthracene	108	54	120
	298061		2514737	Dibenzo (a,h) anthracene	108	54	120
	298061		2514687	Dibenzofuran	94.5	58	120
	298061		2514700	Dibenzofuran	94.5	58	120
	298061		2514717	Dibenzofuran	94.5	58	120
	298061		2514737	Dibenzofuran	94.5	58	120
	298061		2514687	Diethyl phthalate	110	61	120
	298061		2514700	Diethyl phthalate	110	61	120
	298061		2514737	Diethyl phthalate	110	61	120
	298061		2514717	Diethyl phthalate	110	61	120
	298061		2514687	Dimethyl phthalate	109	61	120
	298061		2514737	Dimethyl phthalate	109	61	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298061	WATER	2514717	Dimethyl phthalate	109	61	120
	298061		2514700	Dimethyl phthalate	109	61	120
	298061		2514687	Di-n-butylphthalate	111	52	120
	298061		2514737	Di-n-butylphthalate	111	52	120
	298061		2514700	Di-n-butylphthalate	111	52	120
	298061		2514717	Di-n-butylphthalate	111	52	120
	298061		2514687	**Di-n-octylphthalate**	**130**	**47**	**120**
	298061		2514737	**Di-n-octylphthalate**	**130**	**47**	**120**
	298061		2514700	**Di-n-octylphthalate**	**130**	**47**	**120**
	298061		2514717	**Di-n-octylphthalate**	**130**	**47**	**120**
	298061		2514687	Fluoranthene	98	64	120
	298061		2514687	Fluoranthene	98	49	120
	298061		2514737	Fluoranthene	98	49	120
	298061		2514737	Fluoranthene	98	64	120
	298061		2514717	Fluoranthene	98	49	120
	298061		2514700	Fluoranthene	98	49	120
	298061		2514700	Fluoranthene	98	64	120
	298061		2514717	Fluoranthene	98	64	120
	298061		2514687	Fluorene	94	57	120
	298061		2514687	Fluorene	94	56	120
	298061		2514700	Fluorene	94	57	120
	298061		2514737	Fluorene	94	57	120
	298061		2514737	Fluorene	94	56	120
	298061		2514700	Fluorene	94	56	120
	298061		2514717	Fluorene	94	56	120
	298061		2514717	Fluorene	94	57	120
	298061		2514687	Hexachlorobenzene	100	53	120
	298061		2514737	Hexachlorobenzene	100	53	120
	298061		2514700	Hexachlorobenzene	100	53	120
	298061		2514717	Hexachlorobenzene	100	53	120
	298061		2514687	Hexachlorobutadiene	91	42	120
	298061		2514687	Hexachlorobutadiene	91	40	120
	298061		2514717	Hexachlorobutadiene	91	40	120
	298061		2514717	Hexachlorobutadiene	91	42	120
	298061		2514700	Hexachlorobutadiene	91	42	120
	298061		2514700	Hexachlorobutadiene	91	40	120
	298061		2514737	Hexachlorobutadiene	91	40	120
	298061		2514737	Hexachlorobutadiene	91	42	120
	298061		2514687	Hexachlorocyclopentadiene	87	10	120
	298061		2514700	Hexachlorocyclopentadiene	87	10	120
	298061		2514717	Hexachlorocyclopentadiene	87	10	120
	298061		2514737	Hexachlorocyclopentadiene	87	10	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298061	WATER	2514687	Hexachloroethane	78.8	36	120
	298061		2514717	Hexachloroethane	78.8	36	120
	298061		2514700	Hexachloroethane	78.8	36	120
	298061		2514737	Hexachloroethane	78.8	36	120
	298061		2514687	Indeno (1,2,3-c,d) pyrene	120	56	120
	298061		2514737	Indeno (1,2,3-c,d) pyrene	120	56	120
	298061		2514717	Indeno (1,2,3-c,d) pyrene	120	56	120
	298061		2514700	Indeno (1,2,3-c,d) pyrene	120	56	120
	298061		2514687	Naphthalene	89.8	46	120
	298061		2514700	Naphthalene	89.8	46	120
	298061		2514717	Naphthalene	89.8	46	120
	298061		2514737	Naphthalene	89.8	46	120
	298061		2514687	Nitrobenzene	93	41	120
	298061		2514700	Nitrobenzene	93	41	120
	298061		2514717	Nitrobenzene	93	41	120
	298061		2514737	Nitrobenzene	93	41	120
	298061		2514687	n-Nitrosodi-n-propylamine	106	57	120
	298061		2514700	n-Nitrosodi-n-propylamine	106	57	120
	298061		2514717	n-Nitrosodi-n-propylamine	106	57	120
	298061		2514737	n-Nitrosodi-n-propylamine	106	57	120
	298061		2514687	n-Nitrosodiphenylamine	115	58	120
	298061		2514737	n-Nitrosodiphenylamine	115	58	120
	298061		2514717	n-Nitrosodiphenylamine	115	58	120
	298061		2514700	n-Nitrosodiphenylamine	115	58	120
	298061		2514687	Pentachlorophenol	98.5	52	120
	298061		2514717	Pentachlorophenol	98.5	52	120
	298061		2514700	Pentachlorophenol	98.5	52	120
	298061		2514737	Pentachlorophenol	98.5	52	120
	298061		2514687	Phenanthrene	95.2	57	120
	298061		2514700	Phenanthrene	95.2	57	120
	298061		2514717	Phenanthrene	95.2	57	120
	298061		2514737	Phenanthrene	95.2	57	120
	298061		2514687	Phenol	52.8	52	120
	298061		2514737	Phenol	52.8	52	120
	298061		2514700	Phenol	52.8	52	120
	298061		2514717	Phenol	52.8	52	120
	298061		2514687	Pyrene	102	62	130
	298061		2514700	Pyrene	102	62	130
	298061		2514717	Pyrene	102	62	130
	298061		2514737	Pyrene	102	62	130
	298062		2514687	1,2-Dichlorobenzene	84.5	40	120
	298062		2514737	1,2-Dichlorobenzene	84.5	40	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298062	WATER	2514717	1,2-Dichlorobenzene	84.5	40	120
	298062		2514700	1,2-Dichlorobenzene	84.5	40	120
	298062		2514687	1,2-Diphenylhydrazine	98.8	55	120
	298062		2514717	1,2-Diphenylhydrazine	98.8	55	120
	298062		2514737	1,2-Diphenylhydrazine	98.8	55	120
	298062		2514700	1,2-Diphenylhydrazine	98.8	55	120
	298062		2514687	1,3-Dinitrobenzene	98.5	45	135
	298062		2514737	1,3-Dinitrobenzene	98.5	45	135
	298062		2514717	1,3-Dinitrobenzene	98.5	45	135
	298062		2514700	1,3-Dinitrobenzene	98.5	45	135
	298062		2514687	2,4,5-Trichlorophenol	98.8	60	120
	298062		2514737	2,4,5-Trichlorophenol	98.8	60	120
	298062		2514717	2,4,5-Trichlorophenol	98.8	60	120
	298062		2514700	2,4,5-Trichlorophenol	98.8	60	120
	298062		2514687	2,4,6-Trichlorophenol	100	52	120
	298062		2514737	2,4,6-Trichlorophenol	100	52	120
	298062		2514717	2,4,6-Trichlorophenol	100	52	120
	298062		2514700	2,4,6-Trichlorophenol	100	52	120
	298062		2514687	2,4-Dichlorophenol	93.5	59	120
	298062		2514737	2,4-Dichlorophenol	93.5	59	120
	298062		2514717	2,4-Dichlorophenol	93.5	59	120
	298062		2514700	2,4-Dichlorophenol	93.5	59	120
	298062		2514687	2,4-Dimethylphenol	95.5	41	120
	298062		2514717	2,4-Dimethylphenol	95.5	41	120
	298062		2514737	2,4-Dimethylphenol	95.5	41	120
	298062		2514700	2,4-Dimethylphenol	95.5	41	120
	298062		2514687	2,4-Dinitrophenol	85.8	30	136
	298062		2514737	2,4-Dinitrophenol	85.8	30	136
	298062		2514700	2,4-Dinitrophenol	85.8	30	136
	298062		2514717	2,4-Dinitrophenol	85.8	30	136
	298062		2514687	2,4-Dinitrotoluene	96	51	120
	298062		2514700	2,4-Dinitrotoluene	96	51	120
	298062		2514737	2,4-Dinitrotoluene	96	51	120
	298062		2514717	2,4-Dinitrotoluene	96	51	120
	298062		2514687	2,6-Dinitrotoluene	94.8	42	125
	298062		2514700	2,6-Dinitrotoluene	94.8	42	125
	298062		2514737	2,6-Dinitrotoluene	94.8	42	125
	298062		2514717	2,6-Dinitrotoluene	94.8	42	125
	298062		2514687	2-Chloronaphthalene	93.5	47	120
	298062		2514737	2-Chloronaphthalene	93.5	47	120
	298062		2514700	2-Chloronaphthalene	93.5	47	120
	298062		2514717	2-Chloronaphthalene	93.5	47	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298062	WATER	2514687	2-Chlorophenol	91.8	57	120
	298062		2514737	2-Chlorophenol	91.8	57	120
	298062		2514700	2-Chlorophenol	91.8	57	120
	298062		2514717	2-Chlorophenol	91.8	57	120
	298062		2514687	2-Methylnaphthalene	90.8	54	120
	298062		2514737	2-Methylnaphthalene	90.8	54	120
	298062		2514700	2-Methylnaphthalene	90.8	54	120
	298062		2514717	2-Methylnaphthalene	90.8	54	120
	298062		2514687	2-Methylphenol	85	50	120
	298062		2514717	2-Methylphenol	85	50	120
	298062		2514737	2-Methylphenol	85	50	120
	298062		2514700	2-Methylphenol	85	50	120
	298062		2514687	2-Nitroaniline	96	44	120
	298062		2514737	2-Nitroaniline	96	44	120
	298062		2514700	2-Nitroaniline	96	44	120
	298062		2514717	2-Nitroaniline	96	44	120
	298062		2514687	2-Nitrophenol	96	51	120
	298062		2514737	2-Nitrophenol	96	51	120
	298062		2514700	2-Nitrophenol	96	51	120
	298062		2514717	2-Nitrophenol	96	51	120
	298062		2514687	3,3'-Dichlorobenzidine	103	29	120
	298062		2514717	3,3'-Dichlorobenzidine	103	29	120
	298062		2514737	3,3'-Dichlorobenzidine	103	29	120
	298062		2514700	3,3'-Dichlorobenzidine	103	29	120
	298062		2514687	3-Nitroaniline	99	49	120
	298062		2514700	3-Nitroaniline	99	49	120
	298062		2514717	3-Nitroaniline	99	49	120
	298062		2514737	3-Nitroaniline	99	49	120
	298062		2514687	4,6-Dinitro-2-methylphenol	97.2	37	126
	298062		2514717	4,6-Dinitro-2-methylphenol	97.2	37	126
	298062		2514700	4,6-Dinitro-2-methylphenol	97.2	37	126
	298062		2514737	4,6-Dinitro-2-methylphenol	97.2	37	126
	298062		2514687	4-Bromophenyl phenyl ether	114	52	120
	298062		2514717	4-Bromophenyl phenyl ether	114	52	120
	298062		2514700	4-Bromophenyl phenyl ether	114	52	120
	298062		2514737	4-Bromophenyl phenyl ether	114	52	120
	298062		2514687	4-Chloro-3-methylphenol	88.2	63	120
	298062		2514700	4-Chloro-3-methylphenol	88.2	63	120
	298062		2514717	4-Chloro-3-methylphenol	88.2	63	120
	298062		2514737	4-Chloro-3-methylphenol	88.2	63	120
	298062		2514687	4-Chloroaniline	88.8	52	120
	298062		2514737	4-Chloroaniline	88.8	52	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298062	WATER	2514700	4-Chloroaniline	88.8	52	120
	298062		2514717	4-Chloroaniline	88.8	52	120
	298062		2514687	4-Chlorophenyl phenyl ether	108	56	120
	298062		2514717	4-Chlorophenyl phenyl ether	108	56	120
	298062		2514737	4-Chlorophenyl phenyl ether	108	56	120
	298062		2514700	4-Chlorophenyl phenyl ether	108	56	120
	298062		2514687	**4-Methylphenol**	**150**	**37**	**110**
	298062		2514737	**4-Methylphenol**	**150**	**37**	**110**
	298062		2514717	**4-Methylphenol**	**150**	**37**	**110**
	298062		2514700	**4-Methylphenol**	**150**	**37**	**110**
	298062		2514687	4-Nitroaniline	111	67	120
	298062		2514737	4-Nitroaniline	111	67	120
	298062		2514700	4-Nitroaniline	111	67	120
	298062		2514717	4-Nitroaniline	111	67	120
	298062		2514687	**4-Nitrophenol**	**48.8**	**49**	**124**
	298062		2514737	**4-Nitrophenol**	**48.8**	**49**	**124**
	298062		2514717	**4-Nitrophenol**	**48.8**	**49**	**124**
	298062		2514700	**4-Nitrophenol**	**48.8**	**49**	**124**
	298062		2514687	Acenaphthene	93	53	120
	298062		2514717	Acenaphthene	93	53	120
	298062		2514737	Acenaphthene	93	53	120
	298062		2514700	Acenaphthene	93	53	120
	298062		2514687	Acenaphthylene	95.5	54	120
	298062		2514717	Acenaphthylene	95.5	54	120
	298062		2514737	Acenaphthylene	95.5	54	120
	298062		2514700	Acenaphthylene	95.5	54	120
	298062		2514687	Anthracene	104	56	120
	298062		2514717	Anthracene	104	56	120
	298062		2514737	Anthracene	104	56	120
	298062		2514700	Anthracene	104	56	120
	298062		2514687	Benzidine	39.6	10	218
	298062		2514737	Benzidine	39.6	10	218
	298062		2514700	Benzidine	39.6	10	218
	298062		2514717	Benzidine	39.6	10	218
	298062		2514687	Benzo (a) anthracene	102	54	120
	298062		2514717	Benzo (a) anthracene	102	54	120
	298062		2514700	Benzo (a) anthracene	102	54	120
	298062		2514737	Benzo (a) anthracene	102	54	120
	298062		2514687	Benzo (a) pyrene	103	53	120
	298062		2514700	Benzo (a) pyrene	103	53	120
	298062		2514737	Benzo (a) pyrene	103	53	120
	298062		2514717	Benzo (a) pyrene	103	53	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298062	WATER	2514687	Benzo (b) fluoranthene	94.5	57	120
	298062		2514700	Benzo (b) fluoranthene	94.5	57	120
	298062		2514717	Benzo (b) fluoranthene	94.5	57	120
	298062		2514737	Benzo (b) fluoranthene	94.5	57	120
	298062		2514687	Benzo (g,h,i) perylene	101	53	120
	298062		2514700	Benzo (g,h,i) perylene	101	53	120
	298062		2514717	Benzo (g,h,i) perylene	101	53	120
	298062		2514737	Benzo (g,h,i) perylene	101	53	120
	298062		2514687	Benzo (k) fluoranthene	95.8	54	120
	298062		2514717	Benzo (k) fluoranthene	95.8	54	120
	298062		2514700	Benzo (k) fluoranthene	95.8	54	120
	298062		2514737	Benzo (k) fluoranthene	95.8	54	120
	298062		2514687	**Benzoic acid**	**0**	**16**	**120**
	298062		2514700	**Benzoic acid**	**0**	**16**	**120**
	298062		2514737	**Benzoic acid**	**0**	**16**	**120**
	298062		2514717	**Benzoic acid**	**0**	**16**	**120**
	298062		2514687	Bis (2-chloroethoxy) methane	113	52	120
	298062		2514717	Bis (2-chloroethoxy) methane	113	52	120
	298062		2514700	Bis (2-chloroethoxy) methane	113	52	120
	298062		2514737	Bis (2-chloroethoxy) methane	113	52	120
	298062		2514687	Bis (2-chloroethyl) ether	106	49	120
	298062		2514700	Bis (2-chloroethyl) ether	106	49	120
	298062		2514717	Bis (2-chloroethyl) ether	106	49	120
	298062		2514737	Bis (2-chloroethyl) ether	106	49	120
	298062		2514687	**Bis (2-ethylhexyl) phthalate**	**126**	**48**	**120**
	298062		2514700	**Bis (2-ethylhexyl) phthalate**	**126**	**48**	**120**
	298062		2514737	**Bis (2-ethylhexyl) phthalate**	**126**	**48**	**120**
	298062		2514717	**Bis (2-ethylhexyl) phthalate**	**126**	**48**	**120**
	298062		2514687	**Butyl benzylphthalate**	**124**	**55**	**120**
	298062		2514737	**Butyl benzylphthalate**	**124**	**55**	**120**
	298062		2514717	**Butyl benzylphthalate**	**124**	**55**	**120**
	298062		2514700	**Butyl benzylphthalate**	**124**	**55**	**120**
	298062		2514687	Chrysene	103	56	120
	298062		2514737	Chrysene	103	56	120
	298062		2514717	Chrysene	103	56	120
	298062		2514700	Chrysene	103	56	120
	298062		2514687	Dibenzo (a,h) anthracene	108	54	120
	298062		2514737	Dibenzo (a,h) anthracene	108	54	120
	298062		2514717	Dibenzo (a,h) anthracene	108	54	120
	298062		2514700	Dibenzo (a,h) anthracene	108	54	120
	298062		2514687	Dibenzofuran	94	58	120
	298062		2514700	Dibenzofuran	94	58	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298062	WATER	2514717	Dibenzofuran	94	58	120
	298062		2514737	Dibenzofuran	94	58	120
	298062		2514687	Diethyl phthalate	107	61	120
	298062		2514717	Diethyl phthalate	107	61	120
	298062		2514737	Diethyl phthalate	107	61	120
	298062		2514700	Diethyl phthalate	107	61	120
	298062		2514687	Dimethyl phthalate	108	61	120
	298062		2514717	Dimethyl phthalate	108	61	120
	298062		2514737	Dimethyl phthalate	108	61	120
	298062		2514700	Dimethyl phthalate	108	61	120
	298062		2514687	Di-n-butylphthalate	109	52	120
	298062		2514737	Di-n-butylphthalate	109	52	120
	298062		2514717	Di-n-butylphthalate	109	52	120
	298062		2514700	Di-n-butylphthalate	109	52	120
	298062		2514687	**Di-n-octylphthalate**	**131**	**47**	**120**
	298062		2514717	**Di-n-octylphthalate**	**131**	**47**	**120**
	298062		2514737	**Di-n-octylphthalate**	**131**	**47**	**120**
	298062		2514700	**Di-n-octylphthalate**	**131**	**47**	**120**
	298062		2514687	Fluoranthene	95.2	49	120
	298062		2514687	Fluoranthene	95.2	64	120
	298062		2514717	Fluoranthene	95.2	64	120
	298062		2514700	Fluoranthene	95.2	49	120
	298062		2514700	Fluoranthene	95.2	64	120
	298062		2514737	Fluoranthene	95.2	49	120
	298062		2514737	Fluoranthene	95.2	64	120
	298062		2514717	Fluoranthene	95.2	49	120
	298062		2514687	Fluorene	92.2	56	120
	298062		2514687	Fluorene	92.2	57	120
	298062		2514700	Fluorene	92.2	56	120
	298062		2514717	Fluorene	92.2	57	120
	298062		2514717	Fluorene	92.2	56	120
	298062		2514700	Fluorene	92.2	57	120
	298062		2514737	Fluorene	92.2	57	120
	298062		2514737	Fluorene	92.2	56	120
	298062		2514687	Hexachlorobenzene	97.2	53	120
	298062		2514737	Hexachlorobenzene	97.2	53	120
	298062		2514717	Hexachlorobenzene	97.2	53	120
	298062		2514700	Hexachlorobenzene	97.2	53	120
	298062		2514687	Hexachlorobutadiene	91	42	120
	298062		2514687	Hexachlorobutadiene	91	40	120
	298062		2514717	Hexachlorobutadiene	91	42	120
	298062		2514717	Hexachlorobutadiene	91	40	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298062	WATER	2514700	Hexachlorobutadiene	91	40	120
	298062		2514700	Hexachlorobutadiene	91	42	120
	298062		2514737	Hexachlorobutadiene	91	42	120
	298062		2514737	Hexachlorobutadiene	91	40	120
	298062		2514687	Hexachlorocyclopentadiene	93.8	10	120
	298062		2514737	Hexachlorocyclopentadiene	93.8	10	120
	298062		2514700	Hexachlorocyclopentadiene	93.8	10	120
	298062		2514717	Hexachlorocyclopentadiene	93.8	10	120
	298062		2514687	Hexachloroethane	82	36	120
	298062		2514700	Hexachloroethane	82	36	120
	298062		2514737	Hexachloroethane	82	36	120
	298062		2514717	Hexachloroethane	82	36	120
	298062		2514687	**Indeno (1,2,3-c,d) pyrene**	**122**	**56**	**120**
	298062		2514737	**Indeno (1,2,3-c,d) pyrene**	**122**	**56**	**120**
	298062		2514700	**Indeno (1,2,3-c,d) pyrene**	**122**	**56**	**120**
	298062		2514717	**Indeno (1,2,3-c,d) pyrene**	**122**	**56**	**120**
	298062		2514687	Naphthalene	91.5	46	120
	298062		2514737	Naphthalene	91.5	46	120
	298062		2514717	Naphthalene	91.5	46	120
	298062		2514700	Naphthalene	91.5	46	120
	298062		2514687	Nitrobenzene	93.2	41	120
	298062		2514717	Nitrobenzene	93.2	41	120
	298062		2514737	Nitrobenzene	93.2	41	120
	298062		2514700	Nitrobenzene	93.2	41	120
	298062		2514687	n-Nitrosodi-n-propylamine	106	57	120
	298062		2514717	n-Nitrosodi-n-propylamine	106	57	120
	298062		2514737	n-Nitrosodi-n-propylamine	106	57	120
	298062		2514700	n-Nitrosodi-n-propylamine	106	57	120
	298062		2514687	n-Nitrosodiphenylamine	112	58	120
	298062		2514737	n-Nitrosodiphenylamine	112	58	120
	298062		2514700	n-Nitrosodiphenylamine	112	58	120
	298062		2514717	n-Nitrosodiphenylamine	112	58	120
	298062		2514687	Pentachlorophenol	96	52	120
	298062		2514700	Pentachlorophenol	96	52	120
	298062		2514737	Pentachlorophenol	96	52	120
	298062		2514717	Pentachlorophenol	96	52	120
	298062		2514687	Phenanthrene	93.2	57	120
	298062		2514700	Phenanthrene	93.2	57	120
	298062		2514737	Phenanthrene	93.2	57	120
	298062		2514717	Phenanthrene	93.2	57	120
	298062		2514687	**Phenol**	**50.5**	**52**	**120**
	298062		2514717	**Phenol**	**50.5**	**52**	**120**

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298062	WATER	2514700	**Phenol**	**50.5**	**52**	**120**
	298062		2514737	**Phenol**	**50.5**	**52**	**120**
	298062		2514687	Pyrene	103	62	130
	298062		2514717	Pyrene	103	62	130
	298062		2514737	Pyrene	103	62	130
	298062		2514700	Pyrene	103	62	130
	298276		2514801	1,2-Dichlorobenzene	58	40	120
	298276		2514777	1,2-Dichlorobenzene	58	40	120
	298276		2514801	1,2-Diphenylhydrazine	69.8	55	120
	298276		2514777	1,2-Diphenylhydrazine	69.8	55	120
	298276		2514777	1,3-Dinitrobenzene	67	45	135
	298276		2514801	1,3-Dinitrobenzene	67	45	135
	298276		2514777	2,4,5-Trichlorophenol	69.2	60	120
	298276		2514801	2,4,5-Trichlorophenol	69.2	60	120
	298276		2514777	2,4,6-Trichlorophenol	72.2	52	120
	298276		2514801	2,4,6-Trichlorophenol	72.2	52	120
	298276		2514801	2,4-Dichlorophenol	71.8	59	120
	298276		2514777	2,4-Dichlorophenol	71.8	59	120
	298276		2514777	2,4-Dimethylphenol	81	41	120
	298276		2514801	2,4-Dimethylphenol	81	41	120
	298276		2514801	2,4-Dinitrophenol	70.4	30	136
	298276		2514777	2,4-Dinitrophenol	70.4	30	136
	298276		2514801	2,4-Dinitrotoluene	72.5	51	120
	298276		2514777	2,4-Dinitrotoluene	72.5	51	120
	298276		2514801	2,6-Dinitrotoluene	72.2	42	125
	298276		2514777	2,6-Dinitrotoluene	72.2	42	125
	298276		2514801	2-Chloronaphthalene	65.5	47	120
	298276		2514777	2-Chloronaphthalene	65.5	47	120
	298276		2514801	2-Chlorophenol	67	57	120
	298276		2514777	2-Chlorophenol	67	57	120
	298276		2514777	2-Methylnaphthalene	66	54	120
	298276		2514801	2-Methylnaphthalene	66	54	120
	298276		2514801	2-Methylphenol	61	50	120
	298276		2514777	2-Methylphenol	61	50	120
	298276		2514801	2-Nitroaniline	65.2	44	120
	298276		2514777	2-Nitroaniline	65.2	44	120
	298276		2514801	2-Nitrophenol	72.5	51	120
	298276		2514777	2-Nitrophenol	72.5	51	120
	298276		2514777	3,3'-Dichlorobenzidine	64.8	29	120
	298276		2514801	3,3'-Dichlorobenzidine	64.8	29	120
	298276		2514777	3-Nitroaniline	71	49	120
	298276		2514801	3-Nitroaniline	71	49	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298276	WATER	2514801	4,6-Dinitro-2-methylphenol	72.5	37	126
	298276		2514777	4,6-Dinitro-2-methylphenol	72.5	37	126
	298276		2514801	4-Bromophenyl phenyl ether	81	52	120
	298276		2514777	4-Bromophenyl phenyl ether	81	52	120
	298276		2514801	4-Chloro-3-methylphenol	72.5	63	120
	298276		2514777	4-Chloro-3-methylphenol	72.5	63	120
	298276		2514801	4-Chloroaniline	70.8	52	120
	298276		2514777	4-Chloroaniline	70.8	52	120
	298276		2514777	4-Chlorophenyl phenyl ether	76	56	120
	298276		2514801	4-Chlorophenyl phenyl ether	76	56	120
	298276		2514777	4-Methylphenol	61.5	37	110
	298276		2514801	4-Methylphenol	61.5	37	110
	298276		2514801	4-Nitroaniline	81.2	67	120
	298276		2514777	4-Nitroaniline	81.2	67	120
	298276		2514777	**4-Nitrophenol**	**29.8**	**49**	**124**
	298276		2514801	**4-Nitrophenol**	**29.8**	**49**	**124**
	298276		2514777	Acenaphthene	67.5	53	120
	298276		2514801	Acenaphthene	67.5	53	120
	298276		2514801	Acenaphthylene	70.2	54	120
	298276		2514777	Acenaphthylene	70.2	54	120
	298276		2514777	Anthracene	78.5	56	120
	298276		2514801	Anthracene	78.5	56	120
	298276		2514801	Benzidine	43.5	10	218
	298276		2514777	Benzidine	43.5	10	218
	298276		2514777	Benzo (a) anthracene	71.8	54	120
	298276		2514801	Benzo (a) anthracene	71.8	54	120
	298276		2514777	Benzo (a) pyrene	75	53	120
	298276		2514801	Benzo (a) pyrene	75	53	120
	298276		2514801	Benzo (b) fluoranthene	81.5	57	120
	298276		2514777	Benzo (b) fluoranthene	81.5	57	120
	298276		2514777	Benzo (g,h,i) perylene	65.8	53	120
	298276		2514801	Benzo (g,h,i) perylene	65.8	53	120
	298276		2514777	Benzo (k) fluoranthene	72	54	120
	298276		2514801	Benzo (k) fluoranthene	72	54	120
	298276		2514777	**Benzoic acid**	**14.4**	**16**	**120**
	298276		2514801	**Benzoic acid**	**14.4**	**16**	**120**
	298276		2514801	Bis (2-chloroethoxy) methane	79	52	120
	298276		2514777	Bis (2-chloroethoxy) methane	79	52	120
	298276		2514777	Bis (2-chloroethyl) ether	76.8	49	120
	298276		2514801	Bis (2-chloroethyl) ether	76.8	49	120
	298276		2514801	Bis (2-ethylhexyl) phthalate	86	48	120
	298276		2514777	Bis (2-ethylhexyl) phthalate	86	48	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298276	WATER	2514801	Butyl benzylphthalate	86.5	55	120
	298276		2514777	Butyl benzylphthalate	86.5	55	120
	298276		2514801	Chrysene	71.5	56	120
	298276		2514777	Chrysene	71.5	56	120
	298276		2514801	Dibenzo (a,h) anthracene	67.2	54	120
	298276		2514777	Dibenzo (a,h) anthracene	67.2	54	120
	298276		2514777	Dibenzofuran	68.8	58	120
	298276		2514801	Dibenzofuran	68.8	58	120
	298276		2514801	Diethyl phthalate	79.5	61	120
	298276		2514777	Diethyl phthalate	79.5	61	120
	298276		2514801	Dimethyl phthalate	78.2	61	120
	298276		2514777	Dimethyl phthalate	78.2	61	120
	298276		2514801	Di-n-butylphthalate	79.2	52	120
	298276		2514777	Di-n-butylphthalate	79.2	52	120
	298276		2514777	Di-n-octylphthalate	90	47	120
	298276		2514801	Di-n-octylphthalate	90	47	120
	298276		2514801	Fluoranthene	73.2	64	120
	298276		2514777	Fluoranthene	73.2	64	120
	298276		2514777	Fluoranthene	73.2	49	120
	298276		2514801	Fluoranthene	73.2	49	120
	298276		2514801	Fluorene	69.5	57	120
	298276		2514777	Fluorene	69.5	56	120
	298276		2514777	Fluorene	69.5	57	120
	298276		2514801	Fluorene	69.5	56	120
	298276		2514801	Hexachlorobenzene	67.8	53	120
	298276		2514777	Hexachlorobenzene	67.8	53	120
	298276		2514801	Hexachlorobutadiene	58.5	42	120
	298276		2514801	Hexachlorobutadiene	58.5	40	120
	298276		2514777	Hexachlorobutadiene	58.5	40	120
	298276		2514777	Hexachlorobutadiene	58.5	42	120
	298276		2514801	Hexachlorocyclopentadiene	51.8	10	120
	298276		2514777	Hexachlorocyclopentadiene	51.8	10	120
	298276		2514777	Hexachloroethane	51	36	120
	298276		2514801	Hexachloroethane	51	36	120
	298276		2514801	Indeno (1,2,3-c,d) pyrene	60.5	56	120
	298276		2514777	Indeno (1,2,3-c,d) pyrene	60.5	56	120
	298276		2514777	Naphthalene	69	46	120
	298276		2514801	Naphthalene	69	46	120
	298276		2514777	Nitrobenzene	66.5	41	120
	298276		2514801	Nitrobenzene	66.5	41	120
	298276		2514777	n-Nitrosodi-n-propylamine	77.5	57	120
	298276		2514801	n-Nitrosodi-n-propylamine	77.5	57	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298276	WATER	2514801	n-Nitrosodiphenylamine	80	58	120
	298276		2514777	n-Nitrosodiphenylamine	80	58	120
	298276		2514801	Pentachlorophenol	73.2	52	120
	298276		2514777	Pentachlorophenol	73.2	52	120
	298276		2514801	Phenanthrene	70.5	57	120
	298276		2514777	Phenanthrene	70.5	57	120
	298276		2514777	**Phenol**	**36.2**	**52**	**120**
	298276		2514801	**Phenol**	**36.2**	**52**	**120**
	298276		2514801	Pyrene	72.2	62	130
	298276		2514777	Pyrene	72.2	62	130
	298341		2514687	1,2-Dichlorobenzene	82.2	40	120
	298341		2514700	1,2-Dichlorobenzene	82.2	40	120
	298341		2514737	1,2-Dichlorobenzene	82.2	40	120
	298341		2514809	1,2-Dichlorobenzene	82.2	40	120
	298341		2514717	1,2-Dichlorobenzene	82.2	40	120
	298341		2514687	1,2-Diphenylhydrazine	102	55	120
	298341		2514717	1,2-Diphenylhydrazine	102	55	120
	298341		2514700	1,2-Diphenylhydrazine	102	55	120
	298341		2514737	1,2-Diphenylhydrazine	102	55	120
	298341		2514809	1,2-Diphenylhydrazine	102	55	120
	298341		2514687	1,3-Dinitrobenzene	95.8	45	135
	298341		2514809	1,3-Dinitrobenzene	95.8	45	135
	298341		2514717	1,3-Dinitrobenzene	95.8	45	135
	298341		2514700	1,3-Dinitrobenzene	95.8	45	135
	298341		2514737	1,3-Dinitrobenzene	95.8	45	135
	298341		2514687	2,4,5-Trichlorophenol	98.2	60	120
	298341		2514737	2,4,5-Trichlorophenol	98.2	60	120
	298341		2514717	2,4,5-Trichlorophenol	98.2	60	120
	298341		2514809	2,4,5-Trichlorophenol	98.2	60	120
	298341		2514700	2,4,5-Trichlorophenol	98.2	60	120
	298341		2514687	2,4,6-Trichlorophenol	101	52	120
	298341		2514809	2,4,6-Trichlorophenol	101	52	120
	298341		2514717	2,4,6-Trichlorophenol	101	52	120
	298341		2514737	2,4,6-Trichlorophenol	101	52	120
	298341		2514700	2,4,6-Trichlorophenol	101	52	120
	298341		2514687	2,4-Dichlorophenol	95.5	59	120
	298341		2514717	2,4-Dichlorophenol	95.5	59	120
	298341		2514809	2,4-Dichlorophenol	95.5	59	120
	298341		2514737	2,4-Dichlorophenol	95.5	59	120
	298341		2514700	2,4-Dichlorophenol	95.5	59	120
	298341		2514687	2,4-Dimethylphenol	106	41	120
	298341		2514717	2,4-Dimethylphenol	106	41	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298341	WATER	2514737	2,4-Dimethylphenol	106	41	120
	298341		2514700	2,4-Dimethylphenol	106	41	120
	298341		2514809	2,4-Dimethylphenol	106	41	120
	298341		2514687	2,4-Dinitrophenol	83	30	136
	298341		2514717	2,4-Dinitrophenol	83	30	136
	298341		2514809	2,4-Dinitrophenol	83	30	136
	298341		2514737	2,4-Dinitrophenol	83	30	136
	298341		2514700	2,4-Dinitrophenol	83	30	136
	298341		2514687	2,4-Dinitrotoluene	102	51	120
	298341		2514737	2,4-Dinitrotoluene	102	51	120
	298341		2514717	2,4-Dinitrotoluene	102	51	120
	298341		2514809	2,4-Dinitrotoluene	102	51	120
	298341		2514700	2,4-Dinitrotoluene	102	51	120
	298341		2514687	2,6-Dinitrotoluene	100	42	125
	298341		2514737	2,6-Dinitrotoluene	100	42	125
	298341		2514809	2,6-Dinitrotoluene	100	42	125
	298341		2514700	2,6-Dinitrotoluene	100	42	125
	298341		2514717	2,6-Dinitrotoluene	100	42	125
	298341		2514687	2-Chloronaphthalene	94	47	120
	298341		2514809	2-Chloronaphthalene	94	47	120
	298341		2514700	2-Chloronaphthalene	94	47	120
	298341		2514737	2-Chloronaphthalene	94	47	120
	298341		2514717	2-Chloronaphthalene	94	47	120
	298341		2514687	2-Chlorophenol	96.8	57	120
	298341		2514737	2-Chlorophenol	96.8	57	120
	298341		2514717	2-Chlorophenol	96.8	57	120
	298341		2514809	2-Chlorophenol	96.8	57	120
	298341		2514700	2-Chlorophenol	96.8	57	120
	298341		2514687	2-Methylnaphthalene	91.5	54	120
	298341		2514737	2-Methylnaphthalene	91.5	54	120
	298341		2514717	2-Methylnaphthalene	91.5	54	120
	298341		2514700	2-Methylnaphthalene	91.5	54	120
	298341		2514809	2-Methylnaphthalene	91.5	54	120
	298341		2514687	2-Methylphenol	85.5	50	120
	298341		2514717	2-Methylphenol	85.5	50	120
	298341		2514700	2-Methylphenol	85.5	50	120
	298341		2514809	2-Methylphenol	85.5	50	120
	298341		2514737	2-Methylphenol	85.5	50	120
	298341		2514687	2-Nitroaniline	96.5	44	120
	298341		2514700	2-Nitroaniline	96.5	44	120
	298341		2514809	2-Nitroaniline	96.5	44	120
	298341		2514737	2-Nitroaniline	96.5	44	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298341	WATER	2514717	2-Nitroaniline	96.5	44	120
	298341		2514687	2-Nitrophenol	99	51	120
	298341		2514717	2-Nitrophenol	99	51	120
	298341		2514809	2-Nitrophenol	99	51	120
	298341		2514700	2-Nitrophenol	99	51	120
	298341		2514737	2-Nitrophenol	99	51	120
	298341		2514687	3,3'-Dichlorobenzidine	91.4	29	120
	298341		2514809	3,3'-Dichlorobenzidine	91.4	29	120
	298341		2514717	3,3'-Dichlorobenzidine	91.4	29	120
	298341		2514700	3,3'-Dichlorobenzidine	91.4	29	120
	298341		2514737	3,3'-Dichlorobenzidine	91.4	29	120
	298341		2514687	3-Nitroaniline	97.5	49	120
	298341		2514809	3-Nitroaniline	97.5	49	120
	298341		2514717	3-Nitroaniline	97.5	49	120
	298341		2514700	3-Nitroaniline	97.5	49	120
	298341		2514737	3-Nitroaniline	97.5	49	120
	298341		2514687	4,6-Dinitro-2-methylphenol	92	37	126
	298341		2514700	4,6-Dinitro-2-methylphenol	92	37	126
	298341		2514809	4,6-Dinitro-2-methylphenol	92	37	126
	298341		2514717	4,6-Dinitro-2-methylphenol	92	37	126
	298341		2514737	4,6-Dinitro-2-methylphenol	92	37	126
	298341		2514687	4-Bromophenyl phenyl ether	111	52	120
	298341		2514737	4-Bromophenyl phenyl ether	111	52	120
	298341		2514809	4-Bromophenyl phenyl ether	111	52	120
	298341		2514717	4-Bromophenyl phenyl ether	111	52	120
	298341		2514700	4-Bromophenyl phenyl ether	111	52	120
	298341		2514687	4-Chloro-3-methylphenol	97	63	120
	298341		2514717	4-Chloro-3-methylphenol	97	63	120
	298341		2514737	4-Chloro-3-methylphenol	97	63	120
	298341		2514809	4-Chloro-3-methylphenol	97	63	120
	298341		2514700	4-Chloro-3-methylphenol	97	63	120
	298341		2514687	4-Chloroaniline	88	52	120
	298341		2514809	4-Chloroaniline	88	52	120
	298341		2514737	4-Chloroaniline	88	52	120
	298341		2514700	4-Chloroaniline	88	52	120
	298341		2514717	4-Chloroaniline	88	52	120
	298341		2514687	4-Chlorophenyl phenyl ether	105	56	120
	298341		2514737	4-Chlorophenyl phenyl ether	105	56	120
	298341		2514717	4-Chlorophenyl phenyl ether	105	56	120
	298341		2514700	4-Chlorophenyl phenyl ether	105	56	120
	298341		2514809	4-Chlorophenyl phenyl ether	105	56	120
	298341		2514687	4-Methylphenol	78.8	37	110

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298341	WATER	2514717	4-Methylphenol	78.8	37	110
	298341		2514737	4-Methylphenol	78.8	37	110
	298341		2514700	4-Methylphenol	78.8	37	110
	298341		2514809	4-Methylphenol	78.8	37	110
	298341		2514687	4-Nitroaniline	113	67	120
	298341		2514717	4-Nitroaniline	113	67	120
	298341		2514737	4-Nitroaniline	113	67	120
	298341		2514809	4-Nitroaniline	113	67	120
	298341		2514700	4-Nitroaniline	113	67	120
	298341		2514700	**4-Nitrophenol**	**42**	**49**	**124**
	298341		2514717	**4-Nitrophenol**	**42**	**49**	**124**
	298341		2514737	**4-Nitrophenol**	**42**	**49**	**124**
	298341		2514687	**4-Nitrophenol**	**42**	**49**	**124**
	298341		2514809	**4-Nitrophenol**	**42**	**49**	**124**
	298341		2514737	Acenaphthene	94	53	120
	298341		2514700	Acenaphthene	94	53	120
	298341		2514687	Acenaphthene	94	53	120
	298341		2514717	Acenaphthene	94	53	120
	298341		2514809	Acenaphthene	94	53	120
	298341		2514687	Acenaphthylene	98.2	54	120
	298341		2514717	Acenaphthylene	98.2	54	120
	298341		2514700	Acenaphthylene	98.2	54	120
	298341		2514809	Acenaphthylene	98.2	54	120
	298341		2514737	Acenaphthylene	98.2	54	120
	298341		2514717	Anthracene	108	56	120
	298341		2514809	Anthracene	108	56	120
	298341		2514700	Anthracene	108	56	120
	298341		2514687	Anthracene	108	56	120
	298341		2514737	Anthracene	108	56	120
	298341		2514687	Benzidine	40.9	10	218
	298341		2514717	Benzidine	40.9	10	218
	298341		2514700	Benzidine	40.9	10	218
	298341		2514809	Benzidine	40.9	10	218
	298341		2514737	Benzidine	40.9	10	218
	298341		2514687	Benzo (a) anthracene	100	54	120
	298341		2514700	Benzo (a) anthracene	100	54	120
	298341		2514717	Benzo (a) anthracene	100	54	120
	298341		2514809	Benzo (a) anthracene	100	54	120
	298341		2514737	Benzo (a) anthracene	100	54	120
	298341		2514700	Benzo (a) pyrene	104	53	120
	298341		2514809	Benzo (a) pyrene	104	53	120
	298341		2514687	Benzo (a) pyrene	104	53	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298341	WATER	2514717	Benzo (a) pyrene	104	53	120
	298341		2514737	Benzo (a) pyrene	104	53	120
	298341		2514737	Benzo (b) fluoranthene	108	57	120
	298341		2514717	Benzo (b) fluoranthene	108	57	120
	298341		2514809	Benzo (b) fluoranthene	108	57	120
	298341		2514700	Benzo (b) fluoranthene	108	57	120
	298341		2514687	Benzo (b) fluoranthene	108	57	120
	298341		2514737	Benzo (g,h,i) perylene	105	53	120
	298341		2514700	Benzo (g,h,i) perylene	105	53	120
	298341		2514687	Benzo (g,h,i) perylene	105	53	120
	298341		2514717	Benzo (g,h,i) perylene	105	53	120
	298341		2514809	Benzo (g,h,i) perylene	105	53	120
	298341		2514717	Benzo (k) fluoranthene	100	54	120
	298341		2514809	Benzo (k) fluoranthene	100	54	120
	298341		2514737	Benzo (k) fluoranthene	100	54	120
	298341		2514687	Benzo (k) fluoranthene	100	54	120
	298341		2514700	Benzo (k) fluoranthene	100	54	120
	298341		2514717	Benzoic acid	20.4	16	120
	298341		2514737	Benzoic acid	20.4	16	120
	298341		2514700	Benzoic acid	20.4	16	120
	298341		2514687	Benzoic acid	20.4	16	120
	298341		2514809	Benzoic acid	20.4	16	120
	298341		2514700	Bis (2-chloroethoxy) methane	109	52	120
	298341		2514687	Bis (2-chloroethoxy) methane	109	52	120
	298341		2514809	Bis (2-chloroethoxy) methane	109	52	120
	298341		2514737	Bis (2-chloroethoxy) methane	109	52	120
	298341		2514717	Bis (2-chloroethoxy) methane	109	52	120
	298341		2514809	Bis (2-chloroethyl) ether	109	49	120
	298341		2514700	Bis (2-chloroethyl) ether	109	49	120
	298341		2514737	Bis (2-chloroethyl) ether	109	49	120
	298341		2514687	Bis (2-chloroethyl) ether	109	49	120
	298341		2514717	Bis (2-chloroethyl) ether	109	49	120
	298341		2514717	Bis (2-ethylhexyl) phthalate	118	48	120
	298341		2514809	Bis (2-ethylhexyl) phthalate	118	48	120
	298341		2514737	Bis (2-ethylhexyl) phthalate	118	48	120
	298341		2514687	Bis (2-ethylhexyl) phthalate	118	48	120
	298341		2514700	Bis (2-ethylhexyl) phthalate	118	48	120
	298341		2514700	Butyl benzylphthalate	120	55	120
	298341		2514687	Butyl benzylphthalate	120	55	120
	298341		2514717	Butyl benzylphthalate	120	55	120
	298341		2514809	Butyl benzylphthalate	120	55	120
	298341		2514737	Butyl benzylphthalate	120	55	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298341	WATER	2514809	Chrysene	98.5	56	120
	298341		2514700	Chrysene	98.5	56	120
	298341		2514687	Chrysene	98.5	56	120
	298341		2514737	Chrysene	98.5	56	120
	298341		2514717	Chrysene	98.5	56	120
	298341		2514717	Dibenzo (a,h) anthracene	110	54	120
	298341		2514687	Dibenzo (a,h) anthracene	110	54	120
	298341		2514737	Dibenzo (a,h) anthracene	110	54	120
	298341		2514700	Dibenzo (a,h) anthracene	110	54	120
	298341		2514809	Dibenzo (a,h) anthracene	110	54	120
	298341		2514717	Dibenzofuran	95.2	58	120
	298341		2514700	Dibenzofuran	95.2	58	120
	298341		2514737	Dibenzofuran	95.2	58	120
	298341		2514687	Dibenzofuran	95.2	58	120
	298341		2514809	Dibenzofuran	95.2	58	120
	298341		2514737	Diethyl phthalate	111	61	120
	298341		2514687	Diethyl phthalate	111	61	120
	298341		2514717	Diethyl phthalate	111	61	120
	298341		2514809	Diethyl phthalate	111	61	120
	298341		2514700	Diethyl phthalate	111	61	120
	298341		2514809	Dimethyl phthalate	108	61	120
	298341		2514717	Dimethyl phthalate	108	61	120
	298341		2514687	Dimethyl phthalate	108	61	120
	298341		2514700	Dimethyl phthalate	108	61	120
	298341		2514737	Dimethyl phthalate	108	61	120
	298341		2514717	Di-n-butylphthalate	111	52	120
	298341		2514700	Di-n-butylphthalate	111	52	120
	298341		2514809	Di-n-butylphthalate	111	52	120
	298341		2514687	Di-n-butylphthalate	111	52	120
	298341		2514737	Di-n-butylphthalate	111	52	120
	298341		2514809	**Di-n-octylphthalate**	**122**	**47**	**120**
	298341		2514700	**Di-n-octylphthalate**	**122**	**47**	**120**
	298341		2514717	**Di-n-octylphthalate**	**122**	**47**	**120**
	298341		2514687	**Di-n-octylphthalate**	**122**	**47**	**120**
	298341		2514737	**Di-n-octylphthalate**	**122**	**47**	**120**
	298341		2514717	Fluoranthene	102	64	120
	298341		2514737	Fluoranthene	102	49	120
	298341		2514737	Fluoranthene	102	64	120
	298341		2514809	Fluoranthene	102	64	120
	298341		2514687	Fluoranthene	102	64	120
	298341		2514687	Fluoranthene	102	49	120
	298341		2514717	Fluoranthene	102	49	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298341	WATER	2514700	Fluoranthene	102	49	120
	298341		2514700	Fluoranthene	102	64	120
	298341		2514809	Fluoranthene	102	49	120
	298341		2514809	Fluorene	95.5	56	120
	298341		2514700	Fluorene	95.5	57	120
	298341		2514809	Fluorene	95.5	57	120
	298341		2514717	Fluorene	95.5	56	120
	298341		2514700	Fluorene	95.5	56	120
	298341		2514687	Fluorene	95.5	56	120
	298341		2514687	Fluorene	95.5	57	120
	298341		2514717	Fluorene	95.5	57	120
	298341		2514737	Fluorene	95.5	56	120
	298341		2514737	Fluorene	95.5	57	120
	298341		2514700	Hexachlorobenzene	97	53	120
	298341		2514809	Hexachlorobenzene	97	53	120
	298341		2514687	Hexachlorobenzene	97	53	120
	298341		2514717	Hexachlorobenzene	97	53	120
	298341		2514737	Hexachlorobenzene	97	53	120
	298341		2514717	Hexachlorobutadiene	84.2	40	120
	298341		2514700	Hexachlorobutadiene	84.2	42	120
	298341		2514700	Hexachlorobutadiene	84.2	40	120
	298341		2514687	Hexachlorobutadiene	84.2	42	120
	298341		2514717	Hexachlorobutadiene	84.2	42	120
	298341		2514737	Hexachlorobutadiene	84.2	42	120
	298341		2514737	Hexachlorobutadiene	84.2	40	120
	298341		2514809	Hexachlorobutadiene	84.2	40	120
	298341		2514687	Hexachlorobutadiene	84.2	40	120
	298341		2514809	Hexachlorobutadiene	84.2	42	120
	298341		2514700	Hexachlorocyclopentadiene	82	10	120
	298341		2514717	Hexachlorocyclopentadiene	82	10	120
	298341		2514737	Hexachlorocyclopentadiene	82	10	120
	298341		2514687	Hexachlorocyclopentadiene	82	10	120
	298341		2514809	Hexachlorocyclopentadiene	82	10	120
	298341		2514717	Hexachloroethane	78	36	120
	298341		2514700	Hexachloroethane	78	36	120
	298341		2514809	Hexachloroethane	78	36	120
	298341		2514687	Hexachloroethane	78	36	120
	298341		2514737	Hexachloroethane	78	36	120
	298341		2514687	Indeno (1,2,3-c,d) pyrene	104	56	120
	298341		2514717	Indeno (1,2,3-c,d) pyrene	104	56	120
	298341		2514700	Indeno (1,2,3-c,d) pyrene	104	56	120
	298341		2514737	Indeno (1,2,3-c,d) pyrene	104	56	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298341	WATER	2514809	Indeno (1,2,3-c,d) pyrene	104	56	120
	298341		2514809	Naphthalene	90	46	120
	298341		2514700	Naphthalene	90	46	120
	298341		2514737	Naphthalene	90	46	120
	298341		2514717	Naphthalene	90	46	120
	298341		2514687	Naphthalene	90	46	120
	298341		2514717	Nitrobenzene	96.5	41	120
	298341		2514737	Nitrobenzene	96.5	41	120
	298341		2514809	Nitrobenzene	96.5	41	120
	298341		2514687	Nitrobenzene	96.5	41	120
	298341		2514700	Nitrobenzene	96.5	41	120
	298341		2514717	n-Nitrosodi-n-propylamine	110	57	120
	298341		2514700	n-Nitrosodi-n-propylamine	110	57	120
	298341		2514809	n-Nitrosodi-n-propylamine	110	57	120
	298341		2514737	n-Nitrosodi-n-propylamine	110	57	120
	298341		2514687	n-Nitrosodi-n-propylamine	110	57	120
	298341		2514687	n-Nitrosodiphenylamine	113	58	120
	298341		2514717	n-Nitrosodiphenylamine	113	58	120
	298341		2514809	n-Nitrosodiphenylamine	113	58	120
	298341		2514700	n-Nitrosodiphenylamine	113	58	120
	298341		2514737	n-Nitrosodiphenylamine	113	58	120
	298341		2514809	Pentachlorophenol	96.2	52	120
	298341		2514700	Pentachlorophenol	96.2	52	120
	298341		2514717	Pentachlorophenol	96.2	52	120
	298341		2514737	Pentachlorophenol	96.2	52	120
	298341		2514687	Pentachlorophenol	96.2	52	120
	298341		2514809	Phenanthrene	95.5	57	120
	298341		2514700	Phenanthrene	95.5	57	120
	298341		2514737	Phenanthrene	95.5	57	120
	298341		2514687	Phenanthrene	95.5	57	120
	298341		2514717	Phenanthrene	95.5	57	120
	298341		2514737	Phenol	52.8	52	120
	298341		2514717	Phenol	52.8	52	120
	298341		2514809	Phenol	52.8	52	120
	298341		2514700	Phenol	52.8	52	120
	298341		2514687	Phenol	52.8	52	120
	298341		2514687	Pyrene	98.2	62	130
	298341		2514809	Pyrene	98.2	62	130
	298341		2514717	Pyrene	98.2	62	130
	298341		2514700	Pyrene	98.2	62	130
	298341		2514737	Pyrene	98.2	62	130
	298342		2514687	1,2-Dichlorobenzene	85.2	40	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298342	WATER	2514700	1,2-Dichlorobenzene	85.2	40	120
	298342		2514737	1,2-Dichlorobenzene	85.2	40	120
	298342		2514717	1,2-Dichlorobenzene	85.2	40	120
	298342		2514809	1,2-Dichlorobenzene	85.2	40	120
	298342		2514687	1,2-Diphenylhydrazine	106	55	120
	298342		2514737	1,2-Diphenylhydrazine	106	55	120
	298342		2514700	1,2-Diphenylhydrazine	106	55	120
	298342		2514809	1,2-Diphenylhydrazine	106	55	120
	298342		2514717	1,2-Diphenylhydrazine	106	55	120
	298342		2514687	1,3-Dinitrobenzene	110	45	135
	298342		2514700	1,3-Dinitrobenzene	110	45	135
	298342		2514737	1,3-Dinitrobenzene	110	45	135
	298342		2514809	1,3-Dinitrobenzene	110	45	135
	298342		2514717	1,3-Dinitrobenzene	110	45	135
	298342		2514687	2,4,5-Trichlorophenol	103	60	120
	298342		2514809	2,4,5-Trichlorophenol	103	60	120
	298342		2514717	2,4,5-Trichlorophenol	103	60	120
	298342		2514700	2,4,5-Trichlorophenol	103	60	120
	298342		2514737	2,4,5-Trichlorophenol	103	60	120
	298342		2514687	2,4,6-Trichlorophenol	106	52	120
	298342		2514700	2,4,6-Trichlorophenol	106	52	120
	298342		2514809	2,4,6-Trichlorophenol	106	52	120
	298342		2514717	2,4,6-Trichlorophenol	106	52	120
	298342		2514737	2,4,6-Trichlorophenol	106	52	120
	298342		2514687	2,4-Dichlorophenol	101	59	120
	298342		2514717	2,4-Dichlorophenol	101	59	120
	298342		2514809	2,4-Dichlorophenol	101	59	120
	298342		2514737	2,4-Dichlorophenol	101	59	120
	298342		2514700	2,4-Dichlorophenol	101	59	120
	298342		2514687	2,4-Dimethylphenol	112	41	120
	298342		2514809	2,4-Dimethylphenol	112	41	120
	298342		2514717	2,4-Dimethylphenol	112	41	120
	298342		2514737	2,4-Dimethylphenol	112	41	120
	298342		2514700	2,4-Dimethylphenol	112	41	120
	298342		2514687	2,4-Dinitrophenol	93	30	136
	298342		2514700	2,4-Dinitrophenol	93	30	136
	298342		2514717	2,4-Dinitrophenol	93	30	136
	298342		2514809	2,4-Dinitrophenol	93	30	136
	298342		2514737	2,4-Dinitrophenol	93	30	136
	298342		2514687	2,4-Dinitrotoluene	106	51	120
	298342		2514737	2,4-Dinitrotoluene	106	51	120
	298342		2514700	2,4-Dinitrotoluene	106	51	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298342	WATER	2514809	2,4-Dinitrotoluene	106	51	120
	298342		2514717	2,4-Dinitrotoluene	106	51	120
	298342		2514687	2,6-Dinitrotoluene	106	42	125
	298342		2514809	2,6-Dinitrotoluene	106	42	125
	298342		2514717	2,6-Dinitrotoluene	106	42	125
	298342		2514700	2,6-Dinitrotoluene	106	42	125
	298342		2514737	2,6-Dinitrotoluene	106	42	125
	298342		2514687	2-Chloronaphthalene	99	47	120
	298342		2514700	2-Chloronaphthalene	99	47	120
	298342		2514737	2-Chloronaphthalene	99	47	120
	298342		2514717	2-Chloronaphthalene	99	47	120
	298342		2514809	2-Chloronaphthalene	99	47	120
	298342		2514687	2-Chlorophenol	98.5	57	120
	298342		2514737	2-Chlorophenol	98.5	57	120
	298342		2514717	2-Chlorophenol	98.5	57	120
	298342		2514700	2-Chlorophenol	98.5	57	120
	298342		2514809	2-Chlorophenol	98.5	57	120
	298342		2514687	2-Methylnaphthalene	97	54	120
	298342		2514717	2-Methylnaphthalene	97	54	120
	298342		2514737	2-Methylnaphthalene	97	54	120
	298342		2514700	2-Methylnaphthalene	97	54	120
	298342		2514809	2-Methylnaphthalene	97	54	120
	298342		2514687	2-Methylphenol	86.5	50	120
	298342		2514737	2-Methylphenol	86.5	50	120
	298342		2514717	2-Methylphenol	86.5	50	120
	298342		2514700	2-Methylphenol	86.5	50	120
	298342		2514809	2-Methylphenol	86.5	50	120
	298342		2514687	2-Nitroaniline	100	44	120
	298342		2514737	2-Nitroaniline	100	44	120
	298342		2514809	2-Nitroaniline	100	44	120
	298342		2514700	2-Nitroaniline	100	44	120
	298342		2514717	2-Nitroaniline	100	44	120
	298342		2514687	2-Nitrophenol	104	51	120
	298342		2514809	2-Nitrophenol	104	51	120
	298342		2514737	2-Nitrophenol	104	51	120
	298342		2514700	2-Nitrophenol	104	51	120
	298342		2514717	2-Nitrophenol	104	51	120
	298342		2514687	3,3'-Dichlorobenzidine	95.6	29	120
	298342		2514809	3,3'-Dichlorobenzidine	95.6	29	120
	298342		2514700	3,3'-Dichlorobenzidine	95.6	29	120
	298342		2514737	3,3'-Dichlorobenzidine	95.6	29	120
	298342		2514717	3,3'-Dichlorobenzidine	95.6	29	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298342	WATER	2514687	3-Nitroaniline	102	49	120
	298342		2514700	3-Nitroaniline	102	49	120
	298342		2514809	3-Nitroaniline	102	49	120
	298342		2514717	3-Nitroaniline	102	49	120
	298342		2514737	3-Nitroaniline	102	49	120
	298342		2514687	4,6-Dinitro-2-methylphenol	96	37	126
	298342		2514700	4,6-Dinitro-2-methylphenol	96	37	126
	298342		2514737	4,6-Dinitro-2-methylphenol	96	37	126
	298342		2514717	4,6-Dinitro-2-methylphenol	96	37	126
	298342		2514809	4,6-Dinitro-2-methylphenol	96	37	126
	298342		2514687	4-Bromophenyl phenyl ether	114	52	120
	298342		2514737	4-Bromophenyl phenyl ether	114	52	120
	298342		2514809	4-Bromophenyl phenyl ether	114	52	120
	298342		2514700	4-Bromophenyl phenyl ether	114	52	120
	298342		2514717	4-Bromophenyl phenyl ether	114	52	120
	298342		2514687	4-Chloro-3-methylphenol	102	63	120
	298342		2514809	4-Chloro-3-methylphenol	102	63	120
	298342		2514717	4-Chloro-3-methylphenol	102	63	120
	298342		2514737	4-Chloro-3-methylphenol	102	63	120
	298342		2514700	4-Chloro-3-methylphenol	102	63	120
	298342		2514687	4-Chloroaniline	93.5	52	120
	298342		2514737	4-Chloroaniline	93.5	52	120
	298342		2514809	4-Chloroaniline	93.5	52	120
	298342		2514717	4-Chloroaniline	93.5	52	120
	298342		2514700	4-Chloroaniline	93.5	52	120
	298342		2514687	4-Chlorophenyl phenyl ether	110	56	120
	298342		2514809	4-Chlorophenyl phenyl ether	110	56	120
	298342		2514717	4-Chlorophenyl phenyl ether	110	56	120
	298342		2514700	4-Chlorophenyl phenyl ether	110	56	120
	298342		2514737	4-Chlorophenyl phenyl ether	110	56	120
	298342		2514687	4-Methylphenol	80	37	110
	298342		2514809	4-Methylphenol	80	37	110
	298342		2514717	4-Methylphenol	80	37	110
	298342		2514700	4-Methylphenol	80	37	110
	298342		2514737	4-Methylphenol	80	37	110
	298342		2514687	4-Nitroaniline	120	67	120
	298342		2514717	4-Nitroaniline	120	67	120
	298342		2514809	4-Nitroaniline	120	67	120
	298342		2514700	4-Nitroaniline	120	67	120
	298342		2514737	4-Nitroaniline	120	67	120
	298342		2514687	**4-Nitrophenol**	**40.5**	**49**	**124**
	298342		2514737	**4-Nitrophenol**	**40.5**	**49**	**124**

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298342	WATER	2514717	**4-Nitrophenol**	**40.5**	**49**	**124**
	298342		2514700	**4-Nitrophenol**	**40.5**	**49**	**124**
	298342		2514809	**4-Nitrophenol**	**40.5**	**49**	**124**
	298342		2514687	Acenaphthene	97.8	53	120
	298342		2514809	Acenaphthene	97.8	53	120
	298342		2514737	Acenaphthene	97.8	53	120
	298342		2514717	Acenaphthene	97.8	53	120
	298342		2514700	Acenaphthene	97.8	53	120
	298342		2514687	Acenaphthylene	103	54	120
	298342		2514737	Acenaphthylene	103	54	120
	298342		2514809	Acenaphthylene	103	54	120
	298342		2514700	Acenaphthylene	103	54	120
	298342		2514717	Acenaphthylene	103	54	120
	298342		2514687	Anthracene	112	56	120
	298342		2514717	Anthracene	112	56	120
	298342		2514737	Anthracene	112	56	120
	298342		2514700	Anthracene	112	56	120
	298342		2514809	Anthracene	112	56	120
	298342		2514687	Benzidine	48.9	10	218
	298342		2514717	Benzidine	48.9	10	218
	298342		2514700	Benzidine	48.9	10	218
	298342		2514737	Benzidine	48.9	10	218
	298342		2514809	Benzidine	48.9	10	218
	298342		2514687	Benzo (a) anthracene	106	54	120
	298342		2514717	Benzo (a) anthracene	106	54	120
	298342		2514809	Benzo (a) anthracene	106	54	120
	298342		2514737	Benzo (a) anthracene	106	54	120
	298342		2514700	Benzo (a) anthracene	106	54	120
	298342		2514687	Benzo (a) pyrene	108	53	120
	298342		2514809	Benzo (a) pyrene	108	53	120
	298342		2514700	Benzo (a) pyrene	108	53	120
	298342		2514717	Benzo (a) pyrene	108	53	120
	298342		2514737	Benzo (a) pyrene	108	53	120
	298342		2514687	Benzo (b) fluoranthene	112	57	120
	298342		2514700	Benzo (b) fluoranthene	112	57	120
	298342		2514717	Benzo (b) fluoranthene	112	57	120
	298342		2514809	Benzo (b) fluoranthene	112	57	120
	298342		2514737	Benzo (b) fluoranthene	112	57	120
	298342		2514687	Benzo (g,h,i) perylene	108	53	120
	298342		2514717	Benzo (g,h,i) perylene	108	53	120
	298342		2514737	Benzo (g,h,i) perylene	108	53	120
	298342		2514809	Benzo (g,h,i) perylene	108	53	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298342	WATER	2514700	Benzo (g,h,i) perylene	108	53	120
	298342		2514687	Benzo (k) fluoranthene	104	54	120
	298342		2514737	Benzo (k) fluoranthene	104	54	120
	298342		2514717	Benzo (k) fluoranthene	104	54	120
	298342		2514809	Benzo (k) fluoranthene	104	54	120
	298342		2514700	Benzo (k) fluoranthene	104	54	120
	298342		2514687	Benzoic acid	20.5	16	120
	298342		2514717	Benzoic acid	20.5	16	120
	298342		2514737	Benzoic acid	20.5	16	120
	298342		2514809	Benzoic acid	20.5	16	120
	298342		2514700	Benzoic acid	20.5	16	120
	298342		2514687	Bis (2-chloroethoxy) methane	115	52	120
	298342		2514809	Bis (2-chloroethoxy) methane	115	52	120
	298342		2514700	Bis (2-chloroethoxy) methane	115	52	120
	298342		2514717	Bis (2-chloroethoxy) methane	115	52	120
	298342		2514737	Bis (2-chloroethoxy) methane	115	52	120
	298342		2514687	Bis (2-chloroethyl) ether	111	49	120
	298342		2514737	Bis (2-chloroethyl) ether	111	49	120
	298342		2514700	Bis (2-chloroethyl) ether	111	49	120
	298342		2514809	Bis (2-chloroethyl) ether	111	49	120
	298342		2514717	Bis (2-chloroethyl) ether	111	49	120
	298342		2514687	**Bis (2-ethylhexyl) phthalate**	**123**	**48**	**120**
	298342		2514809	**Bis (2-ethylhexyl) phthalate**	**123**	**48**	**120**
	298342		2514737	**Bis (2-ethylhexyl) phthalate**	**123**	**48**	**120**
	298342		2514700	**Bis (2-ethylhexyl) phthalate**	**123**	**48**	**120**
	298342		2514717	**Bis (2-ethylhexyl) phthalate**	**123**	**48**	**120**
	298342		2514687	**Butyl benzylphthalate**	**126**	**55**	**120**
	298342		2514809	**Butyl benzylphthalate**	**126**	**55**	**120**
	298342		2514737	**Butyl benzylphthalate**	**126**	**55**	**120**
	298342		2514717	**Butyl benzylphthalate**	**126**	**55**	**120**
	298342		2514700	**Butyl benzylphthalate**	**126**	**55**	**120**
	298342		2514687	Chrysene	103	56	120
	298342		2514717	Chrysene	103	56	120
	298342		2514809	Chrysene	103	56	120
	298342		2514737	Chrysene	103	56	120
	298342		2514700	Chrysene	103	56	120
	298342		2514687	Dibenzo (a,h) anthracene	113	54	120
	298342		2514717	Dibenzo (a,h) anthracene	113	54	120
	298342		2514737	Dibenzo (a,h) anthracene	113	54	120
	298342		2514700	Dibenzo (a,h) anthracene	113	54	120
	298342		2514809	Dibenzo (a,h) anthracene	113	54	120
	298342		2514687	Dibenzofuran	100	58	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298342	WATER	2514809	Dibenzofuran	100	58	120
	298342		2514737	Dibenzofuran	100	58	120
	298342		2514717	Dibenzofuran	100	58	120
	298342		2514700	Dibenzofuran	100	58	120
	298342		2514687	Diethyl phthalate	117	61	120
	298342		2514700	Diethyl phthalate	117	61	120
	298342		2514737	Diethyl phthalate	117	61	120
	298342		2514809	Diethyl phthalate	117	61	120
	298342		2514717	Diethyl phthalate	117	61	120
	298342		2514687	Dimethyl phthalate	113	61	120
	298342		2514737	Dimethyl phthalate	113	61	120
	298342		2514717	Dimethyl phthalate	113	61	120
	298342		2514700	Dimethyl phthalate	113	61	120
	298342		2514809	Dimethyl phthalate	113	61	120
	298342		2514687	Di-n-butylphthalate	115	52	120
	298342		2514717	Di-n-butylphthalate	115	52	120
	298342		2514737	Di-n-butylphthalate	115	52	120
	298342		2514700	Di-n-butylphthalate	115	52	120
	298342		2514809	Di-n-butylphthalate	115	52	120
	298342		2514687	**Di-n-octylphthalate**	**128**	**47**	**120**
	298342		2514737	**Di-n-octylphthalate**	**128**	**47**	**120**
	298342		2514700	**Di-n-octylphthalate**	**128**	**47**	**120**
	298342		2514809	**Di-n-octylphthalate**	**128**	**47**	**120**
	298342		2514717	**Di-n-octylphthalate**	**128**	**47**	**120**
	298342		2514687	Fluoranthene	105	49	120
	298342		2514687	Fluoranthene	105	64	120
	298342		2514809	Fluoranthene	105	49	120
	298342		2514717	Fluoranthene	105	64	120
	298342		2514700	Fluoranthene	105	49	120
	298342		2514809	Fluoranthene	105	64	120
	298342		2514717	Fluoranthene	105	49	120
	298342		2514737	Fluoranthene	105	49	120
	298342		2514737	Fluoranthene	105	64	120
	298342		2514700	Fluoranthene	105	64	120
	298342		2514687	Fluorene	99.5	57	120
	298342		2514687	Fluorene	99.5	56	120
	298342		2514717	Fluorene	99.5	57	120
	298342		2514700	Fluorene	99.5	57	120
	298342		2514700	Fluorene	99.5	56	120
	298342		2514717	Fluorene	99.5	56	120
	298342		2514809	Fluorene	99.5	57	120
	298342		2514809	Fluorene	99.5	56	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298342	WATER	2514737	Fluorene	99.5	57	120
	298342		2514737	Fluorene	99.5	56	120
	298342		2514687	Hexachlorobenzene	102	53	120
	298342		2514737	Hexachlorobenzene	102	53	120
	298342		2514700	Hexachlorobenzene	102	53	120
	298342		2514717	Hexachlorobenzene	102	53	120
	298342		2514809	Hexachlorobenzene	102	53	120
	298342		2514687	Hexachlorobutadiene	89.5	40	120
	298342		2514687	Hexachlorobutadiene	89.5	42	120
	298342		2514717	Hexachlorobutadiene	89.5	40	120
	298342		2514717	Hexachlorobutadiene	89.5	42	120
	298342		2514737	Hexachlorobutadiene	89.5	42	120
	298342		2514737	Hexachlorobutadiene	89.5	40	120
	298342		2514700	Hexachlorobutadiene	89.5	42	120
	298342		2514809	Hexachlorobutadiene	89.5	42	120
	298342		2514809	Hexachlorobutadiene	89.5	40	120
	298342		2514700	Hexachlorobutadiene	89.5	40	120
	298342		2514687	Hexachlorocyclopentadiene	86.2	10	120
	298342		2514700	Hexachlorocyclopentadiene	86.2	10	120
	298342		2514717	Hexachlorocyclopentadiene	86.2	10	120
	298342		2514737	Hexachlorocyclopentadiene	86.2	10	120
	298342		2514809	Hexachlorocyclopentadiene	86.2	10	120
	298342		2514687	Hexachloroethane	81.2	36	120
	298342		2514737	Hexachloroethane	81.2	36	120
	298342		2514717	Hexachloroethane	81.2	36	120
	298342		2514700	Hexachloroethane	81.2	36	120
	298342		2514809	Hexachloroethane	81.2	36	120
	298342		2514687	Indeno (1,2,3-c,d) pyrene	109	56	120
	298342		2514809	Indeno (1,2,3-c,d) pyrene	109	56	120
	298342		2514717	Indeno (1,2,3-c,d) pyrene	109	56	120
	298342		2514700	Indeno (1,2,3-c,d) pyrene	109	56	120
	298342		2514737	Indeno (1,2,3-c,d) pyrene	109	56	120
	298342		2514687	Naphthalene	95	46	120
	298342		2514809	Naphthalene	95	46	120
	298342		2514717	Naphthalene	95	46	120
	298342		2514700	Naphthalene	95	46	120
	298342		2514737	Naphthalene	95	46	120
	298342		2514687	Nitrobenzene	99.5	41	120
	298342		2514809	Nitrobenzene	99.5	41	120
	298342		2514700	Nitrobenzene	99.5	41	120
	298342		2514737	Nitrobenzene	99.5	41	120
	298342		2514717	Nitrobenzene	99.5	41	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298342	WATER	2514687	n-Nitrosodi-n-propylamine	112	57	120
	298342		2514700	n-Nitrosodi-n-propylamine	112	57	120
	298342		2514809	n-Nitrosodi-n-propylamine	112	57	120
	298342		2514717	n-Nitrosodi-n-propylamine	112	57	120
	298342		2514737	n-Nitrosodi-n-propylamine	112	57	120
	298342		2514687	n-Nitrosodiphenylamine	118	58	120
	298342		2514809	n-Nitrosodiphenylamine	118	58	120
	298342		2514717	n-Nitrosodiphenylamine	118	58	120
	298342		2514700	n-Nitrosodiphenylamine	118	58	120
	298342		2514737	n-Nitrosodiphenylamine	118	58	120
	298342		2514687	Pentachlorophenol	102	52	120
	298342		2514717	Pentachlorophenol	102	52	120
	298342		2514737	Pentachlorophenol	102	52	120
	298342		2514809	Pentachlorophenol	102	52	120
	298342		2514700	Pentachlorophenol	102	52	120
	298342		2514687	Phenanthrene	100	57	120
	298342		2514737	Phenanthrene	100	57	120
	298342		2514700	Phenanthrene	100	57	120
	298342		2514717	Phenanthrene	100	57	120
	298342		2514809	Phenanthrene	100	57	120
	298342		2514687	**Phenol**	**50.8**	**52**	**120**
	298342		2514737	**Phenol**	**50.8**	**52**	**120**
	298342		2514809	**Phenol**	**50.8**	**52**	**120**
	298342		2514717	**Phenol**	**50.8**	**52**	**120**
	298342		2514700	**Phenol**	**50.8**	**52**	**120**
	298342		2514687	Pyrene	104	62	130
	298342		2514717	Pyrene	104	62	130
	298342		2514809	Pyrene	104	62	130
	298342		2514700	Pyrene	104	62	130
	298342		2514737	Pyrene	104	62	130
	298508		2514835	1,2-Dichlorobenzene	82	40	120
	298508		2514777	1,2-Dichlorobenzene	82	40	120
	298508		2514801	1,2-Dichlorobenzene	82	40	120
	298508		2514823	1,2-Dichlorobenzene	82	40	120
	298508		2514777	1,2-Diphenylhydrazine	97.8	55	120
	298508		2514823	1,2-Diphenylhydrazine	97.8	55	120
	298508		2514801	1,2-Diphenylhydrazine	97.8	55	120
	298508		2514835	1,2-Diphenylhydrazine	97.8	55	120
	298508		2514823	1,3-Dinitrobenzene	102	45	135
	298508		2514777	1,3-Dinitrobenzene	102	45	135
	298508		2514801	1,3-Dinitrobenzene	102	45	135
	298508		2514835	1,3-Dinitrobenzene	102	45	135

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298508	WATER	2514823	2,4,5-Trichlorophenol	90.2	60	120
	298508		2514835	2,4,5-Trichlorophenol	90.2	60	120
	298508		2514801	2,4,5-Trichlorophenol	90.2	60	120
	298508		2514777	2,4,5-Trichlorophenol	90.2	60	120
	298508		2514823	2,4,6-Trichlorophenol	95.8	52	120
	298508		2514801	2,4,6-Trichlorophenol	95.8	52	120
	298508		2514835	2,4,6-Trichlorophenol	95.8	52	120
	298508		2514777	2,4,6-Trichlorophenol	95.8	52	120
	298508		2514835	2,4-Dichlorophenol	90.2	59	120
	298508		2514777	2,4-Dichlorophenol	90.2	59	120
	298508		2514823	2,4-Dichlorophenol	90.2	59	120
	298508		2514801	2,4-Dichlorophenol	90.2	59	120
	298508		2514823	2,4-Dimethylphenol	102	41	120
	298508		2514835	2,4-Dimethylphenol	102	41	120
	298508		2514777	2,4-Dimethylphenol	102	41	120
	298508		2514801	2,4-Dimethylphenol	102	41	120
	298508		2514801	2,4-Dinitrophenol	31.6	30	136
	298508		2514835	2,4-Dinitrophenol	31.6	30	136
	298508		2514823	2,4-Dinitrophenol	31.6	30	136
	298508		2514777	2,4-Dinitrophenol	31.6	30	136
	298508		2514823	2,4-Dinitrotoluene	102	51	120
	298508		2514835	2,4-Dinitrotoluene	102	51	120
	298508		2514801	2,4-Dinitrotoluene	102	51	120
	298508		2514777	2,4-Dinitrotoluene	102	51	120
	298508		2514801	2,6-Dinitrotoluene	99.2	42	125
	298508		2514823	2,6-Dinitrotoluene	99.2	42	125
	298508		2514835	2,6-Dinitrotoluene	99.2	42	125
	298508		2514777	2,6-Dinitrotoluene	99.2	42	125
	298508		2514823	2-Chloronaphthalene	91	47	120
	298508		2514835	2-Chloronaphthalene	91	47	120
	298508		2514801	2-Chloronaphthalene	91	47	120
	298508		2514777	2-Chloronaphthalene	91	47	120
	298508		2514835	2-Chlorophenol	88.5	57	120
	298508		2514801	2-Chlorophenol	88.5	57	120
	298508		2514777	2-Chlorophenol	88.5	57	120
	298508		2514823	2-Chlorophenol	88.5	57	120
	298508		2514801	2-Methylnaphthalene	87.8	54	120
	298508		2514835	2-Methylnaphthalene	87.8	54	120
	298508		2514823	2-Methylnaphthalene	87.8	54	120
	298508		2514777	2-Methylnaphthalene	87.8	54	120
	298508		2514801	2-Methylphenol	79	50	120
	298508		2514777	2-Methylphenol	79	50	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298508	WATER	2514835	2-Methylphenol	79	50	120
	298508		2514823	2-Methylphenol	79	50	120
	298508		2514777	2-Nitroaniline	94	44	120
	298508		2514835	2-Nitroaniline	94	44	120
	298508		2514801	2-Nitroaniline	94	44	120
	298508		2514823	2-Nitroaniline	94	44	120
	298508		2514777	2-Nitrophenol	69.8	51	120
	298508		2514835	2-Nitrophenol	69.8	51	120
	298508		2514801	2-Nitrophenol	69.8	51	120
	298508		2514823	2-Nitrophenol	69.8	51	120
	298508		2514801	3,3'-Dichlorobenzidine	89.8	29	120
	298508		2514835	3,3'-Dichlorobenzidine	89.8	29	120
	298508		2514823	3,3'-Dichlorobenzidine	89.8	29	120
	298508		2514777	3,3'-Dichlorobenzidine	89.8	29	120
	298508		2514823	3-Nitroaniline	98	49	120
	298508		2514835	3-Nitroaniline	98	49	120
	298508		2514801	3-Nitroaniline	98	49	120
	298508		2514777	3-Nitroaniline	98	49	120
	298508		2514801	4,6-Dinitro-2-methylphenol	45.2	37	126
	298508		2514777	4,6-Dinitro-2-methylphenol	45.2	37	126
	298508		2514823	4,6-Dinitro-2-methylphenol	45.2	37	126
	298508		2514835	4,6-Dinitro-2-methylphenol	45.2	37	126
	298508		2514777	4-Bromophenyl phenyl ether	100	52	120
	298508		2514823	4-Bromophenyl phenyl ether	100	52	120
	298508		2514801	4-Bromophenyl phenyl ether	100	52	120
	298508		2514835	4-Bromophenyl phenyl ether	100	52	120
	298508		2514801	4-Chloro-3-methylphenol	93	63	120
	298508		2514823	4-Chloro-3-methylphenol	93	63	120
	298508		2514835	4-Chloro-3-methylphenol	93	63	120
	298508		2514777	4-Chloro-3-methylphenol	93	63	120
	298508		2514777	4-Chloroaniline	91.5	52	120
	298508		2514835	4-Chloroaniline	91.5	52	120
	298508		2514801	4-Chloroaniline	91.5	52	120
	298508		2514823	4-Chloroaniline	91.5	52	120
	298508		2514823	4-Chlorophenyl phenyl ether	102	56	120
	298508		2514835	4-Chlorophenyl phenyl ether	102	56	120
	298508		2514777	4-Chlorophenyl phenyl ether	102	56	120
	298508		2514801	4-Chlorophenyl phenyl ether	102	56	120
	298508		2514823	4-Methylphenol	71.8	37	110
	298508		2514777	4-Methylphenol	71.8	37	110
	298508		2514801	4-Methylphenol	71.8	37	110
	298508		2514835	4-Methylphenol	71.8	37	110

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298508	WATER	2514823	**4-Nitroaniline**	**122**	**67**	**120**
	298508		2514835	**4-Nitroaniline**	**122**	**67**	**120**
	298508		2514777	**4-Nitroaniline**	**122**	**67**	**120**
	298508		2514801	**4-Nitroaniline**	**122**	**67**	**120**
	298508		2514823	**4-Nitrophenol**	**32.2**	**49**	**124**
	298508		2514835	**4-Nitrophenol**	**32.2**	**49**	**124**
	298508		2514777	**4-Nitrophenol**	**32.2**	**49**	**124**
	298508		2514801	**4-Nitrophenol**	**32.2**	**49**	**124**
	298508		2514823	Acenaphthene	91.5	53	120
	298508		2514801	Acenaphthene	91.5	53	120
	298508		2514835	Acenaphthene	91.5	53	120
	298508		2514777	Acenaphthene	91.5	53	120
	298508		2514823	Acenaphthylene	93.2	54	120
	298508		2514777	Acenaphthylene	93.2	54	120
	298508		2514801	Acenaphthylene	93.2	54	120
	298508		2514835	Acenaphthylene	93.2	54	120
	298508		2514801	Anthracene	102	56	120
	298508		2514823	Anthracene	102	56	120
	298508		2514835	Anthracene	102	56	120
	298508		2514777	Anthracene	102	56	120
	298508		2514777	Benzidine	73	10	218
	298508		2514835	Benzidine	73	10	218
	298508		2514823	Benzidine	73	10	218
	298508		2514801	Benzidine	73	10	218
	298508		2514823	Benzo (a) anthracene	94.2	54	120
	298508		2514777	Benzo (a) anthracene	94.2	54	120
	298508		2514835	Benzo (a) anthracene	94.2	54	120
	298508		2514801	Benzo (a) anthracene	94.2	54	120
	298508		2514823	Benzo (a) pyrene	99.5	53	120
	298508		2514777	Benzo (a) pyrene	99.5	53	120
	298508		2514801	Benzo (a) pyrene	99.5	53	120
	298508		2514835	Benzo (a) pyrene	99.5	53	120
	298508		2514777	Benzo (b) fluoranthene	98.5	57	120
	298508		2514835	Benzo (b) fluoranthene	98.5	57	120
	298508		2514801	Benzo (b) fluoranthene	98.5	57	120
	298508		2514823	Benzo (b) fluoranthene	98.5	57	120
	298508		2514835	Benzo (g,h,i) perylene	94.8	53	120
	298508		2514777	Benzo (g,h,i) perylene	94.8	53	120
	298508		2514801	Benzo (g,h,i) perylene	94.8	53	120
	298508		2514823	Benzo (g,h,i) perylene	94.8	53	120
	298508		2514823	Benzo (k) fluoranthene	95.2	54	120
	298508		2514835	Benzo (k) fluoranthene	95.2	54	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298508	WATER	2514777	Benzo (k) fluoranthene	95.2	54	120
	298508		2514801	Benzo (k) fluoranthene	95.2	54	120
	298508		2514777	**Benzoic acid**	**11.9**	**16**	**120**
	298508		2514835	**Benzoic acid**	**11.9**	**16**	**120**
	298508		2514823	**Benzoic acid**	**11.9**	**16**	**120**
	298508		2514801	**Benzoic acid**	**11.9**	**16**	**120**
	298508		2514835	Bis (2-chloroethoxy) methane	102	52	120
	298508		2514777	Bis (2-chloroethoxy) methane	102	52	120
	298508		2514801	Bis (2-chloroethoxy) methane	102	52	120
	298508		2514823	Bis (2-chloroethoxy) methane	102	52	120
	298508		2514823	Bis (2-chloroethyl) ether	99.5	49	120
	298508		2514835	Bis (2-chloroethyl) ether	99.5	49	120
	298508		2514801	Bis (2-chloroethyl) ether	99.5	49	120
	298508		2514777	Bis (2-chloroethyl) ether	99.5	49	120
	298508		2514777	Bis (2-ethylhexyl) phthalate	105	48	120
	298508		2514835	Bis (2-ethylhexyl) phthalate	105	48	120
	298508		2514801	Bis (2-ethylhexyl) phthalate	105	48	120
	298508		2514823	Bis (2-ethylhexyl) phthalate	105	48	120
	298508		2514777	Butyl benzylphthalate	110	55	120
	298508		2514835	Butyl benzylphthalate	110	55	120
	298508		2514801	Butyl benzylphthalate	110	55	120
	298508		2514823	Butyl benzylphthalate	110	55	120
	298508		2514823	Chrysene	91.2	56	120
	298508		2514777	Chrysene	91.2	56	120
	298508		2514835	Chrysene	91.2	56	120
	298508		2514801	Chrysene	91.2	56	120
	298508		2514835	Dibenzo (a,h) anthracene	104	54	120
	298508		2514823	Dibenzo (a,h) anthracene	104	54	120
	298508		2514801	Dibenzo (a,h) anthracene	104	54	120
	298508		2514777	Dibenzo (a,h) anthracene	104	54	120
	298508		2514777	Dibenzofuran	92.5	58	120
	298508		2514823	Dibenzofuran	92.5	58	120
	298508		2514801	Dibenzofuran	92.5	58	120
	298508		2514835	Dibenzofuran	92.5	58	120
	298508		2514835	Diethyl phthalate	108	61	120
	298508		2514777	Diethyl phthalate	108	61	120
	298508		2514801	Diethyl phthalate	108	61	120
	298508		2514823	Diethyl phthalate	108	61	120
	298508		2514801	Dimethyl phthalate	104	61	120
	298508		2514823	Dimethyl phthalate	104	61	120
	298508		2514835	Dimethyl phthalate	104	61	120
	298508		2514777	Dimethyl phthalate	104	61	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298508	WATER	2514823	Di-n-butylphthalate	104	52	120
	298508		2514777	Di-n-butylphthalate	104	52	120
	298508		2514801	Di-n-butylphthalate	104	52	120
	298508		2514835	Di-n-butylphthalate	104	52	120
	298508		2514823	Di-n-octylphthalate	111	47	120
	298508		2514801	Di-n-octylphthalate	111	47	120
	298508		2514777	Di-n-octylphthalate	111	47	120
	298508		2514835	Di-n-octylphthalate	111	47	120
	298508		2514823	Fluoranthene	101	64	120
	298508		2514823	Fluoranthene	101	49	120
	298508		2514835	Fluoranthene	101	64	120
	298508		2514835	Fluoranthene	101	49	120
	298508		2514777	Fluoranthene	101	49	120
	298508		2514777	Fluoranthene	101	64	120
	298508		2514801	Fluoranthene	101	49	120
	298508		2514801	Fluoranthene	101	64	120
	298508		2514801	Fluorene	93.2	57	120
	298508		2514777	Fluorene	93.2	57	120
	298508		2514835	Fluorene	93.2	57	120
	298508		2514835	Fluorene	93.2	56	120
	298508		2514823	Fluorene	93.2	57	120
	298508		2514823	Fluorene	93.2	56	120
	298508		2514801	Fluorene	93.2	56	120
	298508		2514777	Fluorene	93.2	56	120
	298508		2514777	Hexachlorobenzene	88.5	53	120
	298508		2514835	Hexachlorobenzene	88.5	53	120
	298508		2514823	Hexachlorobenzene	88.5	53	120
	298508		2514801	Hexachlorobenzene	88.5	53	120
	298508		2514823	Hexachlorobutadiene	84.5	40	120
	298508		2514835	Hexachlorobutadiene	84.5	40	120
	298508		2514777	Hexachlorobutadiene	84.5	42	120
	298508		2514777	Hexachlorobutadiene	84.5	40	120
	298508		2514835	Hexachlorobutadiene	84.5	42	120
	298508		2514823	Hexachlorobutadiene	84.5	42	120
	298508		2514801	Hexachlorobutadiene	84.5	42	120
	298508		2514801	Hexachlorobutadiene	84.5	40	120
	298508		2514777	Hexachlorocyclopentadiene	62.8	10	120
	298508		2514835	Hexachlorocyclopentadiene	62.8	10	120
	298508		2514823	Hexachlorocyclopentadiene	62.8	10	120
	298508		2514801	Hexachlorocyclopentadiene	62.8	10	120
	298508		2514835	Hexachloroethane	77.5	36	120
	298508		2514823	Hexachloroethane	77.5	36	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298508	WATER	2514777	Hexachloroethane	77.5	36	120
	298508		2514801	Hexachloroethane	77.5	36	120
	298508		2514777	Indeno (1,2,3-c,d) pyrene	101	56	120
	298508		2514835	Indeno (1,2,3-c,d) pyrene	101	56	120
	298508		2514823	Indeno (1,2,3-c,d) pyrene	101	56	120
	298508		2514801	Indeno (1,2,3-c,d) pyrene	101	56	120
	298508		2514823	Naphthalene	88.5	46	120
	298508		2514835	Naphthalene	88.5	46	120
	298508		2514801	Naphthalene	88.5	46	120
	298508		2514777	Naphthalene	88.5	46	120
	298508		2514801	Nitrobenzene	89.8	41	120
	298508		2514835	Nitrobenzene	89.8	41	120
	298508		2514777	Nitrobenzene	89.8	41	120
	298508		2514823	Nitrobenzene	89.8	41	120
	298508		2514777	n-Nitrosodi-n-propylamine	104	57	120
	298508		2514835	n-Nitrosodi-n-propylamine	104	57	120
	298508		2514801	n-Nitrosodi-n-propylamine	104	57	120
	298508		2514823	n-Nitrosodi-n-propylamine	104	57	120
	298508		2514823	n-Nitrosodiphenylamine	102	58	120
	298508		2514801	n-Nitrosodiphenylamine	102	58	120
	298508		2514777	n-Nitrosodiphenylamine	102	58	120
	298508		2514835	n-Nitrosodiphenylamine	102	58	120
	298508		2514835	Pentachlorophenol	95.2	52	120
	298508		2514823	Pentachlorophenol	95.2	52	120
	298508		2514777	Pentachlorophenol	95.2	52	120
	298508		2514801	Pentachlorophenol	95.2	52	120
	298508		2514777	Phenanthrene	91.5	57	120
	298508		2514801	Phenanthrene	91.5	57	120
	298508		2514835	Phenanthrene	91.5	57	120
	298508		2514823	Phenanthrene	91.5	57	120
	298508		2514835	**Phenol**	**45.5**	**52**	**120**
	298508		2514823	**Phenol**	**45.5**	**52**	**120**
	298508		2514777	**Phenol**	**45.5**	**52**	**120**
	298508		2514801	**Phenol**	**45.5**	**52**	**120**
	298508		2514823	Pyrene	88	62	130
	298508		2514777	Pyrene	88	62	130
	298508		2514801	Pyrene	88	62	130
	298508		2514835	Pyrene	88	62	130
	298587		2514863	1,2-Dichlorobenzene	87.5	40	120
	298587		2514863	1,2-Diphenylhydrazine	104	55	120
	298587		2514863	1,3-Dinitrobenzene	106	45	135
	298587		2514863	2,4,5-Trichlorophenol	101	60	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298587	WATER	2514863	2,4,6-Trichlorophenol	107	52	120
	298587		2514863	2,4-Dichlorophenol	99.5	59	120
	298587		2514863	2,4-Dimethylphenol	114	41	120
	298587		2514863	2,4-Dinitrophenol	102	30	136
	298587		2514863	2,4-Dinitrotoluene	110	51	120
	298587		2514863	2,6-Dinitrotoluene	105	42	125
	298587		2514863	2-Chloronaphthalene	97.2	47	120
	298587		2514863	2-Chlorophenol	98	57	120
	298587		2514863	2-Methylnaphthalene	95.2	54	120
	298587		2514863	2-Methylphenol	89.2	50	120
	298587		2514863	2-Nitroaniline	102	44	120
	298587		2514863	2-Nitrophenol	102	51	120
	298587		2514863	3,3'-Dichlorobenzidine	97.4	29	120
	298587		2514863	3-Nitroaniline	106	49	120
	298587		2514863	4,6-Dinitro-2-methylphenol	102	37	126
	298587		2514863	4-Bromophenyl phenyl ether	110	52	120
	298587		2514863	4-Chloro-3-methylphenol	104	63	120
	298587		2514863	4-Chloroaniline	98.5	52	120
	298587		2514863	4-Chlorophenyl phenyl ether	108	56	120
	298587		2514863	4-Methylphenol	88.5	37	110
	298587		2514863	**4-Nitroaniline**	**130**	**67**	**120**
	298587		2514863	4-Nitrophenol	50.2	49	124
	298587		2514863	Acenaphthene	98	53	120
	298587		2514863	Acenaphthylene	101	54	120
	298587		2514863	Anthracene	110	56	120
	298587		2514863	Benzidine	66.4	10	218
	298587		2514863	Benzo (a) anthracene	100	54	120
	298587		2514863	Benzo (a) pyrene	105	53	120
	298587		2514863	Benzo (b) fluoranthene	111	57	120
	298587		2514863	Benzo (g,h,i) perylene	103	53	120
	298587		2514863	Benzo (k) fluoranthene	97.5	54	120
	298587		2514863	**Benzoic acid**	**14.6**	**16**	**120**
	298587		2514863	Bis (2-chloroethoxy) methane	113	52	120
	298587		2514863	Bis (2-chloroethyl) ether	110	49	120
	298587		2514863	Bis (2-ethylhexyl) phthalate	110	48	120
	298587		2514863	Butyl benzylphthalate	116	55	120
	298587		2514863	Chrysene	101	56	120
	298587		2514863	Dibenzo (a,h) anthracene	111	54	120
	298587		2514863	Dibenzofuran	100	58	120
	298587		2514863	Diethyl phthalate	117	61	120
	298587		2514863	Dimethyl phthalate	112	61	120
	298587		2514863	Di-n-butylphthalate	111	52	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298587	WATER	2514863	Di-n-octylphthalate	117	47	120
	298587		2514863	Fluoranthene	106	49	120
	298587		2514863	Fluoranthene	106	64	120
	298587		2514863	Fluorene	99	57	120
	298587		2514863	Fluorene	99	56	120
	298587		2514863	Hexachlorobenzene	96	53	120
	298587		2514863	Hexachlorobutadiene	90.2	42	120
	298587		2514863	Hexachlorobutadiene	90.2	40	120
	298587		2514863	Hexachlorocyclopentadiene	77	10	120
	298587		2514863	Hexachloroethane	82	36	120
	298587		2514863	Indeno (1,2,3-c,d) pyrene	111	56	120
	298587		2514863	Naphthalene	94	46	120
	298587		2514863	Nitrobenzene	99	41	120
	298587		2514863	n-Nitrosodi-n-propylamine	113	57	120
	298587		2514863	n-Nitrosodiphenylamine	113	58	120
	298587		2514863	Pentachlorophenol	107	52	120
	298587		2514863	Phenanthrene	97.5	57	120
	298587		2514863	Phenol	54.8	52	120
	298587		2514863	Pyrene	97	62	130
	298902		2514888	1,2-Dichlorobenzene	77.8	40	120
	298902		2514878	1,2-Dichlorobenzene	77.8	40	120
	298902		2514878	1,2-Diphenylhydrazine	88	55	120
	298902		2514888	1,2-Diphenylhydrazine	88	55	120
	298902		2514878	1,3-Dinitrobenzene	83.8	45	135
	298902		2514888	1,3-Dinitrobenzene	83.8	45	135
	298902		2514888	2,4,5-Trichlorophenol	86.2	60	120
	298902		2514878	2,4,5-Trichlorophenol	86.2	60	120
	298902		2514878	2,4,6-Trichlorophenol	89.5	52	120
	298902		2514888	2,4,6-Trichlorophenol	89.5	52	120
	298902		2514888	2,4-Dichlorophenol	88	59	120
	298902		2514878	2,4-Dichlorophenol	88	59	120
	298902		2514878	2,4-Dimethylphenol	98.2	41	120
	298902		2514888	2,4-Dimethylphenol	98.2	41	120
	298902		2514888	2,4-Dinitrophenol	74.2	30	136
	298902		2514878	2,4-Dinitrophenol	74.2	30	136
	298902		2514888	2,4-Dinitrotoluene	89	51	120
	298902		2514878	2,4-Dinitrotoluene	89	51	120
	298902		2514878	2,6-Dinitrotoluene	90	42	125
	298902		2514888	2,6-Dinitrotoluene	90	42	125
	298902		2514888	2-Chloronaphthalene	85	47	120
	298902		2514878	2-Chloronaphthalene	85	47	120
	298902		2514888	2-Chlorophenol	84	57	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298902	WATER	2514878	2-Chlorophenol	84	57	120
	298902		2514878	2-Methylnaphthalene	84.5	54	120
	298902		2514888	2-Methylnaphthalene	84.5	54	120
	298902		2514878	2-Methylphenol	76.5	50	120
	298902		2514888	2-Methylphenol	76.5	50	120
	298902		2514888	2-Nitroaniline	87.2	44	120
	298902		2514878	2-Nitroaniline	87.2	44	120
	298902		2514878	2-Nitrophenol	85.2	51	120
	298902		2514888	2-Nitrophenol	85.2	51	120
	298902		2514888	3,3'-Dichlorobenzidine	82.1	29	120
	298902		2514878	3,3'-Dichlorobenzidine	82.1	29	120
	298902		2514878	3-Nitroaniline	88.8	49	120
	298902		2514888	3-Nitroaniline	88.8	49	120
	298902		2514878	4,6-Dinitro-2-methylphenol	82	37	126
	298902		2514888	4,6-Dinitro-2-methylphenol	82	37	126
	298902		2514878	4-Bromophenyl phenyl ether	102	52	120
	298902		2514888	4-Bromophenyl phenyl ether	102	52	120
	298902		2514878	4-Chloro-3-methylphenol	86	63	120
	298902		2514888	4-Chloro-3-methylphenol	86	63	120
	298902		2514878	4-Chloroaniline	79.2	52	120
	298902		2514888	4-Chloroaniline	79.2	52	120
	298902		2514878	4-Chlorophenyl phenyl ether	97	56	120
	298902		2514888	4-Chlorophenyl phenyl ether	97	56	120
	298902		2514888	4-Methylphenol	68.5	37	110
	298902		2514878	4-Methylphenol	68.5	37	110
	298902		2514888	4-Nitroaniline	100	67	120
	298902		2514878	4-Nitroaniline	100	67	120
	298902		2514888	**4-Nitrophenol**	**34.5**	**49**	**124**
	298902		2514878	**4-Nitrophenol**	**34.5**	**49**	**124**
	298902		2514888	Acenaphthene	85.5	53	120
	298902		2514878	Acenaphthene	85.5	53	120
	298902		2514888	Acenaphthylene	88.5	54	120
	298902		2514878	Acenaphthylene	88.5	54	120
	298902		2514888	Anthracene	97.2	56	120
	298902		2514878	Anthracene	97.2	56	120
	298902		2514888	**Benzidine**	**0**	**10**	**218**
	298902		2514878	**Benzidine**	**0**	**10**	**218**
	298902		2514888	Benzo (a) anthracene	89.5	54	120
	298902		2514878	Benzo (a) anthracene	89.5	54	120
	298902		2514888	Benzo (a) pyrene	94.5	53	120
	298902		2514878	Benzo (a) pyrene	94.5	53	120
	298902		2514888	Benzo (b) fluoranthene	97.2	57	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298902	WATER	2514878	Benzo (b) fluoranthene	97.2	57	120
	298902		2514888	Benzo (g,h,i) perylene	100	53	120
	298902		2514878	Benzo (g,h,i) perylene	100	53	120
	298902		2514888	Benzo (k) fluoranthene	89.8	54	120
	298902		2514878	Benzo (k) fluoranthene	89.8	54	120
	298902		2514878	Benzoic acid	35	16	120
	298902		2514888	Benzoic acid	35	16	120
	298902		2514878	Bis (2-chloroethoxy) methane	102	52	120
	298902		2514888	Bis (2-chloroethoxy) methane	102	52	120
	298902		2514878	Bis (2-chloroethyl) ether	102	49	120
	298902		2514888	Bis (2-chloroethyl) ether	102	49	120
	298902		2514878	Bis (2-ethylhexyl) phthalate	110	48	120
	298902		2514888	Bis (2-ethylhexyl) phthalate	110	48	120
	298902		2514878	Butyl benzylphthalate	108	55	120
	298902		2514888	Butyl benzylphthalate	108	55	120
	298902		2514878	Chrysene	88	56	120
	298902		2514888	Chrysene	88	56	120
	298902		2514888	Dibenzo (a,h) anthracene	93.8	54	120
	298902		2514878	Dibenzo (a,h) anthracene	93.8	54	120
	298902		2514888	Dibenzofuran	87.5	58	120
	298902		2514878	Dibenzofuran	87.5	58	120
	298902		2514888	Diethyl phthalate	100	61	120
	298902		2514878	Diethyl phthalate	100	61	120
	298902		2514888	Dimethyl phthalate	98.2	61	120
	298902		2514878	Dimethyl phthalate	98.2	61	120
	298902		2514888	Di-n-butylphthalate	101	52	120
	298902		2514878	Di-n-butylphthalate	101	52	120
	298902		2514888	Di-n-octylphthalate	112	47	120
	298902		2514878	Di-n-octylphthalate	112	47	120
	298902		2514888	Fluoranthene	89.8	64	120
	298902		2514888	Fluoranthene	89.8	49	120
	298902		2514878	Fluoranthene	89.8	49	120
	298902		2514878	Fluoranthene	89.8	64	120
	298902		2514878	Fluorene	86.8	57	120
	298902		2514878	Fluorene	86.8	56	120
	298902		2514888	Fluorene	86.8	57	120
	298902		2514888	Fluorene	86.8	56	120
	298902		2514878	Hexachlorobenzene	88.2	53	120
	298902		2514888	Hexachlorobenzene	88.2	53	120
	298902		2514878	Hexachlorobutadiene	81.8	42	120
	298902		2514878	Hexachlorobutadiene	81.8	40	120
	298902		2514888	Hexachlorobutadiene	81.8	42	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298902	WATER	2514888	Hexachlorobutadiene	81.8	40	120
	298902		2514888	Hexachlorocyclopentadiene	77	10	120
	298902		2514878	Hexachlorocyclopentadiene	77	10	120
	298902		2514888	Hexachloroethane	73	36	120
	298902		2514878	Hexachloroethane	73	36	120
	298902		2514888	Indeno (1,2,3-c,d) pyrene	89.2	56	120
	298902		2514878	Indeno (1,2,3-c,d) pyrene	89.2	56	120
	298902		2514878	Naphthalene	86.2	46	120
	298902		2514888	Naphthalene	86.2	46	120
	298902		2514888	Nitrobenzene	81.2	41	120
	298902		2514878	Nitrobenzene	81.2	41	120
	298902		2514888	n-Nitrosodi-n-propylamine	100	57	120
	298902		2514878	n-Nitrosodi-n-propylamine	100	57	120
	298902		2514888	n-Nitrosodiphenylamine	102	58	120
	298902		2514878	n-Nitrosodiphenylamine	102	58	120
	298902		2514888	Pentachlorophenol	87.8	52	120
	298902		2514878	Pentachlorophenol	87.8	52	120
	298902		2514878	Phenanthrene	88.5	57	120
	298902		2514888	Phenanthrene	88.5	57	120
	298902		2514878	**Phenol**	**40.8**	**52**	**120**
	298902		2514888	**Phenol**	**40.8**	**52**	**120**
	298902		2514878	Pyrene	89.5	62	130
	298902		2514888	Pyrene	89.5	62	130
	298902DL1		2514878	1,2-Dichlorobenzene	88.2	40	120
	298902DL1		2514888	1,2-Dichlorobenzene	88.2	40	120
	298902DL1		2514888	1,2-Diphenylhydrazine	98.2	55	120
	298902DL1		2514878	1,2-Diphenylhydrazine	98.2	55	120
	298902DL1		2514888	1,3-Dinitrobenzene	80	45	135
	298902DL1		2514878	1,3-Dinitrobenzene	80	45	135
	298902DL1		2514878	2,4,5-Trichlorophenol	90.8	60	120
	298902DL1		2514888	2,4,5-Trichlorophenol	90.8	60	120
	298902DL1		2514878	2,4,6-Trichlorophenol	91	52	120
	298902DL1		2514888	2,4,6-Trichlorophenol	91	52	120
	298902DL1		2514878	2,4-Dichlorophenol	93.2	59	120
	298902DL1		2514888	2,4-Dichlorophenol	93.2	59	120
	298902DL1		2514878	2,4-Dimethylphenol	105	41	120
	298902DL1		2514888	2,4-Dimethylphenol	105	41	120
	298902DL1		2514878	2,4-Dinitrophenol	85.8	30	136
	298902DL1		2514888	2,4-Dinitrophenol	85.8	30	136
	298902DL1		2514878	2,4-Dinitrotoluene	96.5	51	120
	298902DL1		2514888	2,4-Dinitrotoluene	96.5	51	120
	298902DL1		2514888	2,6-Dinitrotoluene	100	42	125

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298902DL1	WATER	2514878	2,6-Dinitrotoluene	100	42	125
	298902DL1		2514888	2-Chloronaphthalene	94.8	47	120
	298902DL1		2514878	2-Chloronaphthalene	94.8	47	120
	298902DL1		2514888	2-Chlorophenol	86.2	57	120
	298902DL1		2514878	2-Chlorophenol	86.2	57	120
	298902DL1		2514888	2-Methylnaphthalene	96	54	120
	298902DL1		2514878	2-Methylnaphthalene	96	54	120
	298902DL1		2514888	2-Methylphenol	83.5	50	120
	298902DL1		2514878	2-Methylphenol	83.5	50	120
	298902DL1		2514878	2-Nitroaniline	88.8	44	120
	298902DL1		2514888	2-Nitroaniline	88.8	44	120
	298902DL1		2514878	2-Nitrophenol	80	51	120
	298902DL1		2514888	2-Nitrophenol	80	51	120
	298902DL1		2514878	3,3'-Dichlorobenzidine	100	29	120
	298902DL1		2514888	3,3'-Dichlorobenzidine	100	29	120
	298902DL1		2514878	3-Nitroaniline	89.2	49	120
	298902DL1		2514888	3-Nitroaniline	89.2	49	120
	298902DL1		2514878	4,6-Dinitro-2-methylphenol	105	37	126
	298902DL1		2514888	4,6-Dinitro-2-methylphenol	105	37	126
	298902DL1		2514878	4-Bromophenyl phenyl ether	110	52	120
	298902DL1		2514888	4-Bromophenyl phenyl ether	110	52	120
	298902DL1		2514878	4-Chloro-3-methylphenol	91.2	63	120
	298902DL1		2514888	4-Chloro-3-methylphenol	91.2	63	120
	298902DL1		2514878	4-Chloroaniline	87.5	52	120
	298902DL1		2514888	4-Chloroaniline	87.5	52	120
	298902DL1		2514878	4-Chlorophenyl phenyl ether	110	56	120
	298902DL1		2514888	4-Chlorophenyl phenyl ether	110	56	120
	298902DL1		2514878	**4-Methylphenol**	**0**	**37**	**110**
	298902DL1		2514888	**4-Methylphenol**	**0**	**37**	**110**
	298902DL1		2514878	4-Nitroaniline	95.2	67	120
	298902DL1		2514888	4-Nitroaniline	95.2	67	120
	298902DL1		2514888	4-Nitrophenol	52.8	49	124
	298902DL1		2514878	4-Nitrophenol	52.8	49	124
	298902DL1		2514878	Acenaphthene	98.5	53	120
	298902DL1		2514888	Acenaphthene	98.5	53	120
	298902DL1		2514878	Acenaphthylene	102	54	120
	298902DL1		2514888	Acenaphthylene	102	54	120
	298902DL1		2514878	Anthracene	110	56	120
	298902DL1		2514888	Anthracene	110	56	120
	298902DL1		2514888	**Benzidine**	**0**	**10**	**218**
	298902DL1		2514878	**Benzidine**	**0**	**10**	**218**
	298902DL1		2514878	Benzo (a) anthracene	104	54	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298902DL1	WATER	2514888	Benzo (a) anthracene	104	54	120
	298902DL1		2514878	Benzo (a) pyrene	102	53	120
	298902DL1		2514888	Benzo (a) pyrene	102	53	120
	298902DL1		2514878	Benzo (b) fluoranthene	104	57	120
	298902DL1		2514888	Benzo (b) fluoranthene	104	57	120
	298902DL1		2514878	Benzo (g,h,i) perylene	105	53	120
	298902DL1		2514888	Benzo (g,h,i) perylene	105	53	120
	298902DL1		2514888	Benzo (k) fluoranthene	119	54	120
	298902DL1		2514878	Benzo (k) fluoranthene	119	54	120
	298902DL1		2514888	Benzoic acid	63	16	120
	298902DL1		2514878	Benzoic acid	63	16	120
	298902DL1		2514888	Bis (2-chloroethoxy) methane	115	52	120
	298902DL1		2514878	Bis (2-chloroethoxy) methane	115	52	120
	298902DL1		2514878	Bis (2-chloroethyl) ether	119	49	120
	298902DL1		2514888	Bis (2-chloroethyl) ether	119	49	120
	298902DL1		2514888	Bis (2-ethylhexyl) phthalate	116	48	120
	298902DL1		2514878	Bis (2-ethylhexyl) phthalate	116	48	120
	298902DL1		2514888	Butyl benzylphthalate	116	55	120
	298902DL1		2514878	Butyl benzylphthalate	116	55	120
	298902DL1		2514878	Chrysene	105	56	120
	298902DL1		2514888	Chrysene	105	56	120
	298902DL1		2514888	Dibenzo (a,h) anthracene	101	54	120
	298902DL1		2514878	Dibenzo (a,h) anthracene	101	54	120
	298902DL1		2514888	Dibenzofuran	102	58	120
	298902DL1		2514878	Dibenzofuran	102	58	120
	298902DL1		2514878	Diethyl phthalate	116	61	120
	298902DL1		2514888	Diethyl phthalate	116	61	120
	298902DL1		2514878	Dimethyl phthalate	115	61	120
	298902DL1		2514888	Dimethyl phthalate	115	61	120
	298902DL1		2514888	Di-n-butylphthalate	110	52	120
	298902DL1		2514878	Di-n-butylphthalate	110	52	120
	298902DL1		2514878	Di-n-octylphthalate	114	47	120
	298902DL1		2514888	Di-n-octylphthalate	114	47	120
	298902DL1		2514878	Fluoranthene	99.5	49	120
	298902DL1		2514878	Fluoranthene	99.5	64	120
	298902DL1		2514888	Fluoranthene	99.5	49	120
	298902DL1		2514888	Fluoranthene	99.5	64	120
	298902DL1		2514888	Fluorene	100	57	120
	298902DL1		2514878	Fluorene	100	56	120
	298902DL1		2514878	Fluorene	100	57	120
	298902DL1		2514888	Fluorene	100	56	120
	298902DL1		2514888	Hexachlorobenzene	97	53	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298902DL1	WATER	2514878	Hexachlorobenzene	97	53	120
	298902DL1		2514878	Hexachlorobutadiene	91	40	120
	298902DL1		2514888	Hexachlorobutadiene	91	42	120
	298902DL1		2514878	Hexachlorobutadiene	91	42	120
	298902DL1		2514888	Hexachlorobutadiene	91	40	120
	298902DL1		2514888	Hexachlorocyclopentadiene	75	10	120
	298902DL1		2514878	Hexachlorocyclopentadiene	75	10	120
	298902DL1		2514888	Hexachloroethane	80.8	36	120
	298902DL1		2514878	Hexachloroethane	80.8	36	120
	298902DL1		2514888	Indeno (1,2,3-c,d) pyrene	93.8	56	120
	298902DL1		2514878	Indeno (1,2,3-c,d) pyrene	93.8	56	120
	298902DL1		2514888	Naphthalene	99.8	46	120
	298902DL1		2514878	Naphthalene	99.8	46	120
	298902DL1		2514888	Nitrobenzene	94.8	41	120
	298902DL1		2514878	Nitrobenzene	94.8	41	120
	298902DL1		2514878	n-Nitrosodi-n-propylamine	115	57	120
	298902DL1		2514888	n-Nitrosodi-n-propylamine	115	57	120
	298902DL1		2514878	n-Nitrosodiphenylamine	112	58	120
	298902DL1		2514888	n-Nitrosodiphenylamine	112	58	120
	298902DL1		2514878	Pentachlorophenol	61	52	120
	298902DL1		2514888	Pentachlorophenol	61	52	120
	298902DL1		2514888	Phenanthrene	105	57	120
	298902DL1		2514878	Phenanthrene	105	57	120
	298902DL1		2514888	**Phenol**	**46**	**52**	**120**
	298902DL1		2514878	**Phenol**	**46**	**52**	**120**
	298902DL1		2514878	Pyrene	105	62	130
	298902DL1		2514888	Pyrene	105	62	130
	298903		2514888	1,2-Dichlorobenzene	84	40	120
	298903		2514878	1,2-Dichlorobenzene	84	40	120
	298903		2514888	1,2-Diphenylhydrazine	97	55	120
	298903		2514878	1,2-Diphenylhydrazine	97	55	120
	298903		2514888	1,3-Dinitrobenzene	91	45	135
	298903		2514878	1,3-Dinitrobenzene	91	45	135
	298903		2514888	2,4,5-Trichlorophenol	95.5	60	120
	298903		2514878	2,4,5-Trichlorophenol	95.5	60	120
	298903		2514878	2,4,6-Trichlorophenol	98.2	52	120
	298903		2514888	2,4,6-Trichlorophenol	98.2	52	120
	298903		2514888	2,4-Dichlorophenol	95.5	59	120
	298903		2514878	2,4-Dichlorophenol	95.5	59	120
	298903		2514888	2,4-Dimethylphenol	109	41	120
	298903		2514878	2,4-Dimethylphenol	109	41	120
	298903		2514878	2,4-Dinitrophenol	76.4	30	136

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298903	WATER	2514888	2,4-Dinitrophenol	76.4	30	136
	298903		2514888	2,4-Dinitrotoluene	96.8	51	120
	298903		2514878	2,4-Dinitrotoluene	96.8	51	120
	298903		2514888	2,6-Dinitrotoluene	99.5	42	125
	298903		2514878	2,6-Dinitrotoluene	99.5	42	125
	298903		2514888	2-Chloronaphthalene	94.2	47	120
	298903		2514878	2-Chloronaphthalene	94.2	47	120
	298903		2514888	2-Chlorophenol	89.8	57	120
	298903		2514878	2-Chlorophenol	89.8	57	120
	298903		2514888	2-Methylnaphthalene	91.2	54	120
	298903		2514878	2-Methylnaphthalene	91.2	54	120
	298903		2514878	2-Methylphenol	79.8	50	120
	298903		2514888	2-Methylphenol	79.8	50	120
	298903		2514878	2-Nitroaniline	90.2	44	120
	298903		2514888	2-Nitroaniline	90.2	44	120
	298903		2514888	2-Nitrophenol	95.8	51	120
	298903		2514878	2-Nitrophenol	95.8	51	120
	298903		2514888	3,3'-Dichlorobenzidine	82.6	29	120
	298903		2514878	3,3'-Dichlorobenzidine	82.6	29	120
	298903		2514888	3-Nitroaniline	89	49	120
	298903		2514878	3-Nitroaniline	89	49	120
	298903		2514888	4,6-Dinitro-2-methylphenol	85.5	37	126
	298903		2514878	4,6-Dinitro-2-methylphenol	85.5	37	126
	298903		2514878	4-Bromophenyl phenyl ether	112	52	120
	298903		2514888	4-Bromophenyl phenyl ether	112	52	120
	298903		2514888	4-Chloro-3-methylphenol	91.5	63	120
	298903		2514878	4-Chloro-3-methylphenol	91.5	63	120
	298903		2514888	4-Chloroaniline	71.5	52	120
	298903		2514878	4-Chloroaniline	71.5	52	120
	298903		2514888	4-Chlorophenyl phenyl ether	107	56	120
	298903		2514878	4-Chlorophenyl phenyl ether	107	56	120
	298903		2514878	4-Methylphenol	80.8	37	110
	298903		2514888	4-Methylphenol	80.8	37	110
	298903		2514878	4-Nitroaniline	103	67	120
	298903		2514888	4-Nitroaniline	103	67	120
	298903		2514878	**4-Nitrophenol**	**34.8**	**49**	**124**
	298903		2514888	**4-Nitrophenol**	**34.8**	**49**	**124**
	298903		2514878	Acenaphthene	94.8	53	120
	298903		2514888	Acenaphthene	94.8	53	120
	298903		2514878	Acenaphthylene	97.5	54	120
	298903		2514888	Acenaphthylene	97.5	54	120
	298903		2514888	Anthracene	108	56	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298903	WATER	2514878	Anthracene	108	56	120
	298903		2514878	**Benzidine**	**0**	**10**	**218**
	298903		2514888	**Benzidine**	**0**	**10**	**218**
	298903		2514888	Benzo (a) anthracene	100	54	120
	298903		2514878	Benzo (a) anthracene	100	54	120
	298903		2514888	Benzo (a) pyrene	104	53	120
	298903		2514878	Benzo (a) pyrene	104	53	120
	298903		2514878	Benzo (b) fluoranthene	109	57	120
	298903		2514888	Benzo (b) fluoranthene	109	57	120
	298903		2514878	Benzo (g,h,i) perylene	102	53	120
	298903		2514888	Benzo (g,h,i) perylene	102	53	120
	298903		2514878	Benzo (k) fluoranthene	99	54	120
	298903		2514888	Benzo (k) fluoranthene	99	54	120
	298903		2514878	Benzoic acid	37.4	16	120
	298903		2514888	Benzoic acid	37.4	16	120
	298903		2514878	Bis (2-chloroethoxy) methane	108	52	120
	298903		2514888	Bis (2-chloroethoxy) methane	108	52	120
	298903		2514878	Bis (2-chloroethyl) ether	112	49	120
	298903		2514888	Bis (2-chloroethyl) ether	112	49	120
	298903		2514878	**Bis (2-ethylhexyl) phthalate**	**280**	**48**	**120**
	298903		2514888	**Bis (2-ethylhexyl) phthalate**	**280**	**48**	**120**
	298903		2514878	**Butyl benzylphthalate**	**122**	**55**	**120**
	298903		2514888	**Butyl benzylphthalate**	**122**	**55**	**120**
	298903		2514888	Chrysene	98.2	56	120
	298903		2514878	Chrysene	98.2	56	120
	298903		2514878	Dibenzo (a,h) anthracene	100	54	120
	298903		2514888	Dibenzo (a,h) anthracene	100	54	120
	298903		2514878	Dibenzofuran	95.2	58	120
	298903		2514888	Dibenzofuran	95.2	58	120
	298903		2514878	Diethyl phthalate	109	61	120
	298903		2514888	Diethyl phthalate	109	61	120
	298903		2514878	Dimethyl phthalate	107	61	120
	298903		2514888	Dimethyl phthalate	107	61	120
	298903		2514878	Di-n-butylphthalate	110	52	120
	298903		2514888	Di-n-butylphthalate	110	52	120
	298903		2514878	**Di-n-octylphthalate**	**300**	**47**	**120**
	298903		2514888	**Di-n-octylphthalate**	**300**	**47**	**120**
	298903		2514878	Fluoranthene	97.5	49	120
	298903		2514878	Fluoranthene	97.5	64	120
	298903		2514888	Fluoranthene	97.5	49	120
	298903		2514888	Fluoranthene	97.5	64	120
	298903		2514878	Fluorene	94.5	56	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298903	WATER	2514878	Fluorene	94.5	57	120
	298903		2514888	Fluorene	94.5	57	120
	298903		2514888	Fluorene	94.5	56	120
	298903		2514878	Hexachlorobenzene	94.8	53	120
	298903		2514888	Hexachlorobenzene	94.8	53	120
	298903		2514878	Hexachlorobutadiene	88.2	42	120
	298903		2514878	Hexachlorobutadiene	88.2	40	120
	298903		2514888	Hexachlorobutadiene	88.2	42	120
	298903		2514888	Hexachlorobutadiene	88.2	40	120
	298903		2514888	Hexachlorocyclopentadiene	85.8	10	120
	298903		2514878	Hexachlorocyclopentadiene	85.8	10	120
	298903		2514888	Hexachloroethane	79	36	120
	298903		2514878	Hexachloroethane	79	36	120
	298903		2514888	Indeno (1,2,3-c,d) pyrene	95.2	56	120
	298903		2514878	Indeno (1,2,3-c,d) pyrene	95.2	56	120
	298903		2514888	Naphthalene	93.2	46	120
	298903		2514878	Naphthalene	93.2	46	120
	298903		2514878	Nitrobenzene	92.5	41	120
	298903		2514888	Nitrobenzene	92.5	41	120
	298903		2514888	n-Nitrosodi-n-propylamine	108	57	120
	298903		2514878	n-Nitrosodi-n-propylamine	108	57	120
	298903		2514888	n-Nitrosodiphenylamine	111	58	120
	298903		2514878	n-Nitrosodiphenylamine	111	58	120
	298903		2514888	Pentachlorophenol	92.2	52	120
	298903		2514878	Pentachlorophenol	92.2	52	120
	298903		2514888	Phenanthrene	97.5	57	120
	298903		2514878	Phenanthrene	97.5	57	120
	298903		2514888	**Phenol**	**43.8**	**52**	**120**
	298903		2514878	**Phenol**	**43.8**	**52**	**120**
	298903		2514888	Pyrene	101	62	130
	298903		2514878	Pyrene	101	62	130
	298903DL1		2514888	1,2-Dichlorobenzene	86.5	40	120
	298903DL1		2514878	1,2-Dichlorobenzene	86.5	40	120
	298903DL1		2514888	1,2-Diphenylhydrazine	96.8	55	120
	298903DL1		2514878	1,2-Diphenylhydrazine	96.8	55	120
	298903DL1		2514888	1,3-Dinitrobenzene	80.5	45	135
	298903DL1		2514878	1,3-Dinitrobenzene	80.5	45	135
	298903DL1		2514888	2,4,5-Trichlorophenol	92	60	120
	298903DL1		2514878	2,4,5-Trichlorophenol	92	60	120
	298903DL1		2514888	2,4,6-Trichlorophenol	89.8	52	120
	298903DL1		2514878	2,4,6-Trichlorophenol	89.8	52	120
	298903DL1		2514888	2,4-Dichlorophenol	89.5	59	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298903DL1	WATER	2514878	2,4-Dichlorophenol	89.5	59	120
	298903DL1		2514888	2,4-Dimethylphenol	104	41	120
	298903DL1		2514878	2,4-Dimethylphenol	104	41	120
	298903DL1		2514888	2,4-Dinitrophenol	80	30	136
	298903DL1		2514878	2,4-Dinitrophenol	80	30	136
	298903DL1		2514888	2,4-Dinitrotoluene	95.2	51	120
	298903DL1		2514878	2,4-Dinitrotoluene	95.2	51	120
	298903DL1		2514888	2,6-Dinitrotoluene	96.5	42	125
	298903DL1		2514878	2,6-Dinitrotoluene	96.5	42	125
	298903DL1		2514888	2-Chloronaphthalene	95.5	47	120
	298903DL1		2514878	2-Chloronaphthalene	95.5	47	120
	298903DL1		2514888	2-Chlorophenol	86.5	57	120
	298903DL1		2514878	2-Chlorophenol	86.5	57	120
	298903DL1		2514888	2-Methylnaphthalene	97	54	120
	298903DL1		2514878	2-Methylnaphthalene	97	54	120
	298903DL1		2514888	2-Methylphenol	80	50	120
	298903DL1		2514878	2-Methylphenol	80	50	120
	298903DL1		2514888	2-Nitroaniline	88.2	44	120
	298903DL1		2514878	2-Nitroaniline	88.2	44	120
	298903DL1		2514888	2-Nitrophenol	79	51	120
	298903DL1		2514878	2-Nitrophenol	79	51	120
	298903DL1		2514888	3,3'-Dichlorobenzidine	89.1	29	120
	298903DL1		2514878	3,3'-Dichlorobenzidine	89.1	29	120
	298903DL1		2514888	3-Nitroaniline	80	49	120
	298903DL1		2514878	3-Nitroaniline	80	49	120
	298903DL1		2514888	4,6-Dinitro-2-methylphenol	99.5	37	126
	298903DL1		2514878	4,6-Dinitro-2-methylphenol	99.5	37	126
	298903DL1		2514888	4-Bromophenyl phenyl ether	112	52	120
	298903DL1		2514878	4-Bromophenyl phenyl ether	112	52	120
	298903DL1		2514888	4-Chloro-3-methylphenol	85	63	120
	298903DL1		2514878	4-Chloro-3-methylphenol	85	63	120
	298903DL1		2514888	4-Chloroaniline	68	52	120
	298903DL1		2514878	4-Chloroaniline	68	52	120
	298903DL1		2514878	4-Chlorophenyl phenyl ether	114	56	120
	298903DL1		2514888	4-Chlorophenyl phenyl ether	114	56	120
	298903DL1		2514888	**4-Methylphenol**	**0**	**37**	**110**
	298903DL1		2514878	**4-Methylphenol**	**0**	**37**	**110**
	298903DL1		2514888	4-Nitroaniline	89.5	67	120
	298903DL1		2514878	4-Nitroaniline	89.5	67	120
	298903DL1		2514888	4-Nitrophenol	58	49	124
	298903DL1		2514878	4-Nitrophenol	58	49	124
	298903DL1		2514888	Acenaphthene	98.5	53	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298903DL1	WATER	2514878	Acenaphthene	98.5	53	120
	298903DL1		2514878	Acenaphthylene	100	54	120
	298903DL1		2514888	Acenaphthylene	100	54	120
	298903DL1		2514888	Anthracene	110	56	120
	298903DL1		2514878	Anthracene	110	56	120
	298903DL1		2514878	**Benzidine**	**0**	**10**	**218**
	298903DL1		2514888	**Benzidine**	**0**	**10**	**218**
	298903DL1		2514878	Benzo (a) anthracene	103	54	120
	298903DL1		2514888	Benzo (a) anthracene	103	54	120
	298903DL1		2514888	Benzo (a) pyrene	103	53	120
	298903DL1		2514878	Benzo (a) pyrene	103	53	120
	298903DL1		2514888	Benzo (b) fluoranthene	103	57	120
	298903DL1		2514878	Benzo (b) fluoranthene	103	57	120
	298903DL1		2514888	Benzo (g,h,i) perylene	112	53	120
	298903DL1		2514878	Benzo (g,h,i) perylene	112	53	120
	298903DL1		2514888	Benzo (k) fluoranthene	116	54	120
	298903DL1		2514878	Benzo (k) fluoranthene	116	54	120
	298903DL1		2514888	Benzoic acid	61.1	16	120
	298903DL1		2514878	Benzoic acid	61.1	16	120
	298903DL1		2514888	Bis (2-chloroethoxy) methane	110	52	120
	298903DL1		2514878	Bis (2-chloroethoxy) methane	110	52	120
	298903DL1		2514888	Bis (2-chloroethyl) ether	114	49	120
	298903DL1		2514878	Bis (2-chloroethyl) ether	114	49	120
	298903DL1		2514888	**Bis (2-ethylhexyl) phthalate**	**282**	**48**	**120**
	298903DL1		2514878	**Bis (2-ethylhexyl) phthalate**	**282**	**48**	**120**
	298903DL1		2514888	Butyl benzylphthalate	116	55	120
	298903DL1		2514878	Butyl benzylphthalate	116	55	120
	298903DL1		2514878	Chrysene	102	56	120
	298903DL1		2514888	Chrysene	102	56	120
	298903DL1		2514878	Dibenzo (a,h) anthracene	103	54	120
	298903DL1		2514888	Dibenzo (a,h) anthracene	103	54	120
	298903DL1		2514878	Dibenzofuran	102	58	120
	298903DL1		2514888	Dibenzofuran	102	58	120
	298903DL1		2514878	Diethyl phthalate	114	61	120
	298903DL1		2514888	Diethyl phthalate	114	61	120
	298903DL1		2514878	Dimethyl phthalate	114	61	120
	298903DL1		2514888	Dimethyl phthalate	114	61	120
	298903DL1		2514888	Di-n-butylphthalate	110	52	120
	298903DL1		2514878	Di-n-butylphthalate	110	52	120
	298903DL1		2514878	**Di-n-octylphthalate**	**315**	**47**	**120**
	298903DL1		2514888	**Di-n-octylphthalate**	**315**	**47**	**120**
	298903DL1		2514888	Fluoranthene	98.2	49	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298903DL1	WATER	2514878	Fluoranthene	98.2	49	120
	298903DL1		2514888	Fluoranthene	98.2	64	120
	298903DL1		2514878	Fluoranthene	98.2	64	120
	298903DL1		2514888	Fluorene	101	56	120
	298903DL1		2514888	Fluorene	101	57	120
	298903DL1		2514878	Fluorene	101	56	120
	298903DL1		2514878	Fluorene	101	57	120
	298903DL1		2514878	Hexachlorobenzene	95.5	53	120
	298903DL1		2514888	Hexachlorobenzene	95.5	53	120
	298903DL1		2514878	Hexachlorobutadiene	90	42	120
	298903DL1		2514888	Hexachlorobutadiene	90	40	120
	298903DL1		2514888	Hexachlorobutadiene	90	42	120
	298903DL1		2514878	Hexachlorobutadiene	90	40	120
	298903DL1		2514878	Hexachlorocyclopentadiene	75	10	120
	298903DL1		2514888	Hexachlorocyclopentadiene	75	10	120
	298903DL1		2514878	Hexachloroethane	76.5	36	120
	298903DL1		2514888	Hexachloroethane	76.5	36	120
	298903DL1		2514878	Indeno (1,2,3-c,d) pyrene	95.8	56	120
	298903DL1		2514888	Indeno (1,2,3-c,d) pyrene	95.8	56	120
	298903DL1		2514878	Naphthalene	98	46	120
	298903DL1		2514888	Naphthalene	98	46	120
	298903DL1		2514888	Nitrobenzene	96	41	120
	298903DL1		2514878	Nitrobenzene	96	41	120
	298903DL1		2514888	n-Nitrosodi-n-propylamine	112	57	120
	298903DL1		2514878	n-Nitrosodi-n-propylamine	112	57	120
	298903DL1		2514888	n-Nitrosodiphenylamine	111	58	120
	298903DL1		2514878	n-Nitrosodiphenylamine	111	58	120
	298903DL1		2514888	Pentachlorophenol	61.5	52	120
	298903DL1		2514878	Pentachlorophenol	61.5	52	120
	298903DL1		2514888	Phenanthrene	103	57	120
	298903DL1		2514878	Phenanthrene	103	57	120
	298903DL1		2514888	**Phenol**	**45.5**	**52**	**120**
	298903DL1		2514878	**Phenol**	**45.5**	**52**	**120**
	298903DL1		2514888	Pyrene	102	62	130
	298903DL1		2514878	Pyrene	102	62	130
	298959		2514809	1,2-Dichlorobenzene	75.8	40	120
	298959		2514823	1,2-Dichlorobenzene	75.8	40	120
	298959		2514835	1,2-Dichlorobenzene	75.8	40	120
	298959		2514835	1,2-Diphenylhydrazine	85.5	55	120
	298959		2514809	1,2-Diphenylhydrazine	85.5	55	120
	298959		2514823	1,2-Diphenylhydrazine	85.5	55	120
	298959		2514809	1,3-Dinitrobenzene	81.5	45	135

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298959	WATER	2514835	1,3-Dinitrobenzene	81.5	45	135
	298959		2514823	1,3-Dinitrobenzene	81.5	45	135
	298959		2514809	2,4,5-Trichlorophenol	83.8	60	120
	298959		2514835	2,4,5-Trichlorophenol	83.8	60	120
	298959		2514823	2,4,5-Trichlorophenol	83.8	60	120
	298959		2514823	2,4,6-Trichlorophenol	84	52	120
	298959		2514835	2,4,6-Trichlorophenol	84	52	120
	298959		2514809	2,4,6-Trichlorophenol	84	52	120
	298959		2514823	2,4-Dichlorophenol	83.2	59	120
	298959		2514809	2,4-Dichlorophenol	83.2	59	120
	298959		2514835	2,4-Dichlorophenol	83.2	59	120
	298959		2514823	2,4-Dimethylphenol	96.2	41	120
	298959		2514809	2,4-Dimethylphenol	96.2	41	120
	298959		2514835	2,4-Dimethylphenol	96.2	41	120
	298959		2514835	2,4-Dinitrophenol	67.6	30	136
	298959		2514823	2,4-Dinitrophenol	67.6	30	136
	298959		2514809	2,4-Dinitrophenol	67.6	30	136
	298959		2514809	2,4-Dinitrotoluene	85	51	120
	298959		2514835	2,4-Dinitrotoluene	85	51	120
	298959		2514823	2,4-Dinitrotoluene	85	51	120
	298959		2514835	2,6-Dinitrotoluene	86.5	42	125
	298959		2514809	2,6-Dinitrotoluene	86.5	42	125
	298959		2514823	2,6-Dinitrotoluene	86.5	42	125
	298959		2514823	2-Chloronaphthalene	84.5	47	120
	298959		2514809	2-Chloronaphthalene	84.5	47	120
	298959		2514835	2-Chloronaphthalene	84.5	47	120
	298959		2514809	2-Chlorophenol	78.5	57	120
	298959		2514835	2-Chlorophenol	78.5	57	120
	298959		2514823	2-Chlorophenol	78.5	57	120
	298959		2514835	2-Methylnaphthalene	82.8	54	120
	298959		2514809	2-Methylnaphthalene	82.8	54	120
	298959		2514823	2-Methylnaphthalene	82.8	54	120
	298959		2514835	2-Methylphenol	73	50	120
	298959		2514809	2-Methylphenol	73	50	120
	298959		2514823	2-Methylphenol	73	50	120
	298959		2514809	2-Nitroaniline	81.5	44	120
	298959		2514835	2-Nitroaniline	81.5	44	120
	298959		2514823	2-Nitroaniline	81.5	44	120
	298959		2514809	2-Nitrophenol	81.5	51	120
	298959		2514823	2-Nitrophenol	81.5	51	120
	298959		2514835	2-Nitrophenol	81.5	51	120
	298959		2514823	3,3'-Dichlorobenzidine	87.2	29	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298959	WATER	2514809	3,3'-Dichlorobenzidine	87.2	29	120
	298959		2514835	3,3'-Dichlorobenzidine	87.2	29	120
	298959		2514835	3-Nitroaniline	84	49	120
	298959		2514809	3-Nitroaniline	84	49	120
	298959		2514823	3-Nitroaniline	84	49	120
	298959		2514835	4,6-Dinitro-2-methylphenol	73.8	37	126
	298959		2514823	4,6-Dinitro-2-methylphenol	73.8	37	126
	298959		2514809	4,6-Dinitro-2-methylphenol	73.8	37	126
	298959		2514823	4-Bromophenyl phenyl ether	97.8	52	120
	298959		2514835	4-Bromophenyl phenyl ether	97.8	52	120
	298959		2514809	4-Bromophenyl phenyl ether	97.8	52	120
	298959		2514823	4-Chloro-3-methylphenol	81.2	63	120
	298959		2514835	4-Chloro-3-methylphenol	81.2	63	120
	298959		2514809	4-Chloro-3-methylphenol	81.2	63	120
	298959		2514835	4-Chloroaniline	84.2	52	120
	298959		2514809	4-Chloroaniline	84.2	52	120
	298959		2514823	4-Chloroaniline	84.2	52	120
	298959		2514823	4-Chlorophenyl phenyl ether	92.5	56	120
	298959		2514835	4-Chlorophenyl phenyl ether	92.5	56	120
	298959		2514809	4-Chlorophenyl phenyl ether	92.5	56	120
	298959		2514835	4-Methylphenol	63.2	37	110
	298959		2514823	4-Methylphenol	63.2	37	110
	298959		2514809	4-Methylphenol	63.2	37	110
	298959		2514809	4-Nitroaniline	95.8	67	120
	298959		2514823	4-Nitroaniline	95.8	67	120
	298959		2514835	4-Nitroaniline	95.8	67	120
	298959		2514823	**4-Nitrophenol**	**45**	**49**	**124**
	298959		2514809	**4-Nitrophenol**	**45**	**49**	**124**
	298959		2514835	**4-Nitrophenol**	**45**	**49**	**124**
	298959		2514835	Acenaphthene	83.5	53	120
	298959		2514809	Acenaphthene	83.5	53	120
	298959		2514823	Acenaphthene	83.5	53	120
	298959		2514809	Acenaphthylene	86.5	54	120
	298959		2514835	Acenaphthylene	86.5	54	120
	298959		2514823	Acenaphthylene	86.5	54	120
	298959		2514835	Anthracene	93.5	56	120
	298959		2514823	Anthracene	93.5	56	120
	298959		2514809	Anthracene	93.5	56	120
	298959		2514823	Benzidine	63.5	10	218
	298959		2514835	Benzidine	63.5	10	218
	298959		2514809	Benzidine	63.5	10	218
	298959		2514809	Benzo (a) anthracene	85.2	54	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298959	WATER	2514823	Benzo (a) anthracene	85.2	54	120
	298959		2514835	Benzo (a) anthracene	85.2	54	120
	298959		2514809	Benzo (a) pyrene	90.2	53	120
	298959		2514823	Benzo (a) pyrene	90.2	53	120
	298959		2514835	Benzo (a) pyrene	90.2	53	120
	298959		2514823	Benzo (b) fluoranthene	92.8	57	120
	298959		2514835	Benzo (b) fluoranthene	92.8	57	120
	298959		2514809	Benzo (b) fluoranthene	92.8	57	120
	298959		2514835	Benzo (g,h,i) perylene	94	53	120
	298959		2514823	Benzo (g,h,i) perylene	94	53	120
	298959		2514809	Benzo (g,h,i) perylene	94	53	120
	298959		2514823	Benzo (k) fluoranthene	98.8	54	120
	298959		2514809	Benzo (k) fluoranthene	98.8	54	120
	298959		2514835	Benzo (k) fluoranthene	98.8	54	120
	298959		2514823	**Benzoic acid**	**11.6**	**16**	**120**
	298959		2514809	**Benzoic acid**	**11.6**	**16**	**120**
	298959		2514835	**Benzoic acid**	**11.6**	**16**	**120**
	298959		2514835	Bis (2-chloroethoxy) methane	94	52	120
	298959		2514823	Bis (2-chloroethoxy) methane	94	52	120
	298959		2514809	Bis (2-chloroethoxy) methane	94	52	120
	298959		2514809	Bis (2-chloroethyl) ether	98.5	49	120
	298959		2514835	Bis (2-chloroethyl) ether	98.5	49	120
	298959		2514823	Bis (2-chloroethyl) ether	98.5	49	120
	298959		2514823	Bis (2-ethylhexyl) phthalate	105	48	120
	298959		2514835	Bis (2-ethylhexyl) phthalate	105	48	120
	298959		2514809	Bis (2-ethylhexyl) phthalate	105	48	120
	298959		2514823	Butyl benzylphthalate	106	55	120
	298959		2514809	Butyl benzylphthalate	106	55	120
	298959		2514835	Butyl benzylphthalate	106	55	120
	298959		2514835	Chrysene	86.2	56	120
	298959		2514823	Chrysene	86.2	56	120
	298959		2514809	Chrysene	86.2	56	120
	298959		2514823	Dibenzo (a,h) anthracene	93	54	120
	298959		2514835	Dibenzo (a,h) anthracene	93	54	120
	298959		2514809	Dibenzo (a,h) anthracene	93	54	120
	298959		2514835	Dibenzofuran	84.2	58	120
	298959		2514823	Dibenzofuran	84.2	58	120
	298959		2514809	Dibenzofuran	84.2	58	120
	298959		2514835	Diethyl phthalate	96.2	61	120
	298959		2514809	Diethyl phthalate	96.2	61	120
	298959		2514823	Diethyl phthalate	96.2	61	120
	298959		2514835	Dimethyl phthalate	93	61	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298959	WATER	2514809	Dimethyl phthalate	93	61	120
	298959		2514823	Dimethyl phthalate	93	61	120
	298959		2514835	Di-n-butylphthalate	95.2	52	120
	298959		2514809	Di-n-butylphthalate	95.2	52	120
	298959		2514823	Di-n-butylphthalate	95.2	52	120
	298959		2514809	Di-n-octylphthalate	109	47	120
	298959		2514835	Di-n-octylphthalate	109	47	120
	298959		2514823	Di-n-octylphthalate	109	47	120
	298959		2514835	Fluoranthene	85.2	64	120
	298959		2514835	Fluoranthene	85.2	49	120
	298959		2514809	Fluoranthene	85.2	49	120
	298959		2514823	Fluoranthene	85.2	49	120
	298959		2514823	Fluoranthene	85.2	64	120
	298959		2514809	Fluoranthene	85.2	64	120
	298959		2514823	Fluorene	83.5	57	120
	298959		2514835	Fluorene	83.5	56	120
	298959		2514823	Fluorene	83.5	56	120
	298959		2514809	Fluorene	83.5	57	120
	298959		2514809	Fluorene	83.5	56	120
	298959		2514835	Fluorene	83.5	57	120
	298959		2514809	Hexachlorobenzene	82	53	120
	298959		2514835	Hexachlorobenzene	82	53	120
	298959		2514823	Hexachlorobenzene	82	53	120
	298959		2514823	Hexachlorobutadiene	80.2	40	120
	298959		2514823	Hexachlorobutadiene	80.2	42	120
	298959		2514809	Hexachlorobutadiene	80.2	40	120
	298959		2514835	Hexachlorobutadiene	80.2	40	120
	298959		2514835	Hexachlorobutadiene	80.2	42	120
	298959		2514809	Hexachlorobutadiene	80.2	42	120
	298959		2514823	Hexachlorocyclopentadiene	76.8	10	120
	298959		2514809	Hexachlorocyclopentadiene	76.8	10	120
	298959		2514835	Hexachlorocyclopentadiene	76.8	10	120
	298959		2514823	Hexachloroethane	71	36	120
	298959		2514835	Hexachloroethane	71	36	120
	298959		2514809	Hexachloroethane	71	36	120
	298959		2514809	Indeno (1,2,3-c,d) pyrene	86.5	56	120
	298959		2514835	Indeno (1,2,3-c,d) pyrene	86.5	56	120
	298959		2514823	Indeno (1,2,3-c,d) pyrene	86.5	56	120
	298959		2514809	Naphthalene	82	46	120
	298959		2514835	Naphthalene	82	46	120
	298959		2514823	Naphthalene	82	46	120
	298959		2514835	Nitrobenzene	81	41	120

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C							
	298959	WATER	2514809	Nitrobenzene	81	41	120
	298959		2514823	Nitrobenzene	81	41	120
	298959		2514809	n-Nitrosodi-n-propylamine	95.2	57	120
	298959		2514823	n-Nitrosodi-n-propylamine	95.2	57	120
	298959		2514835	n-Nitrosodi-n-propylamine	95.2	57	120
	298959		2514809	n-Nitrosodiphenylamine	96.2	58	120
	298959		2514835	n-Nitrosodiphenylamine	96.2	58	120
	298959		2514823	n-Nitrosodiphenylamine	96.2	58	120
	298959		2514823	Pentachlorophenol	70.2	52	120
	298959		2514835	Pentachlorophenol	70.2	52	120
	298959		2514809	Pentachlorophenol	70.2	52	120
	298959		2514823	Phenanthrene	85.8	57	120
	298959		2514835	Phenanthrene	85.8	57	120
	298959		2514809	Phenanthrene	85.8	57	120
	298959		2514835	**Phenol**	**43.5**	**52**	**120**
	298959		2514809	**Phenol**	**43.5**	**52**	**120**
	298959		2514823	**Phenol**	**43.5**	**52**	**120**
	298959		2514835	Pyrene	86.2	62	130
	298959		2514823	Pyrene	86.2	62	130
	298959		2514809	Pyrene	86.2	62	130
SW8310							
	293115	WATER	2513818	1-Methylnaphthalene	86	68	114
	293115		2513827	1-Methylnaphthalene	86	68	114
	293115		2513819	1-Methylnaphthalene	86	68	114
	293115		2513832	1-Methylnaphthalene	86	68	114
	293115		2513819	2-Methylnaphthalene	86	62	108
	293115		2513818	2-Methylnaphthalene	86	62	108
	293115		2513832	2-Methylnaphthalene	86	62	108
	293115		2513827	2-Methylnaphthalene	86	62	108
	293115		2513832	Acenaphthene	80	63	115
	293115		2513827	Acenaphthene	80	63	115
	293115		2513819	Acenaphthene	80	63	115
	293115		2513818	Acenaphthene	80	63	115
	293115		2513832	Acenaphthylene	77	46	115
	293115		2513827	Acenaphthylene	77	46	115
	293115		2513819	Acenaphthylene	77	46	115
	293115		2513818	Acenaphthylene	77	46	115
	293115		2513818	Anthracene	82	59	115
	293115		2513819	Anthracene	82	59	115
	293115		2513832	Anthracene	82	59	115
	293115		2513827	Anthracene	82	59	115
	293115		2513818	Benz(a)anthracene	81	73	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	293115	WATER	2513819	Benz(a)anthracene	81	73	115
	293115		2513827	Benz(a)anthracene	81	73	115
	293115		2513832	Benz(a)anthracene	81	73	115
	293115		2513818	Benzo(a)pyrene	98	68	115
	293115		2513819	Benzo(a)pyrene	98	68	115
	293115		2513832	Benzo(a)pyrene	98	68	115
	293115		2513827	Benzo(a)pyrene	98	68	115
	293115		2513818	Benzo(b)fluoranthene	85	74	115
	293115		2513819	Benzo(b)fluoranthene	85	74	115
	293115		2513832	Benzo(b)fluoranthene	85	74	115
	293115		2513827	Benzo(b)fluoranthene	85	74	115
	293115		2513819	Benzo(g,h,i)perylene	96	68	115
	293115		2513832	Benzo(g,h,i)perylene	96	68	115
	293115		2513827	Benzo(g,h,i)perylene	96	68	115
	293115		2513818	Benzo(g,h,i)perylene	96	68	115
	293115		2513819	Benzo(k)fluoranthene	86	83	115
	293115		2513827	Benzo(k)fluoranthene	86	83	115
	293115		2513832	Benzo(k)fluoranthene	86	83	115
	293115		2513818	Benzo(k)fluoranthene	86	83	115
	293115		2513819	Chrysene	86	68	115
	293115		2513827	Chrysene	86	68	115
	293115		2513832	Chrysene	86	68	115
	293115		2513818	Chrysene	86	68	115
	293115		2513818	Dibenz(a,h)anthracene	85	77	115
	293115		2513827	Dibenz(a,h)anthracene	85	77	115
	293115		2513832	Dibenz(a,h)anthracene	85	77	115
	293115		2513819	Dibenz(a,h)anthracene	85	77	115
	293115		2513832	Fluoranthene	79	67	115
	293115		2513818	Fluoranthene	79	67	115
	293115		2513819	Fluoranthene	79	67	115
	293115		2513827	Fluoranthene	79	67	115
	293115		2513827	Fluorene	81	58	116
	293115		2513819	Fluorene	81	58	116
	293115		2513832	Fluorene	81	58	116
	293115		2513818	Fluorene	81	58	116
	293115		2513832	Indeno(1,2,3-cd)pyrene	87	52	115
	293115		2513827	Indeno(1,2,3-cd)pyrene	87	52	115
	293115		2513819	Indeno(1,2,3-cd)pyrene	87	52	115
	293115		2513818	Indeno(1,2,3-cd)pyrene	87	52	115
	293115		2513819	Naphthalene	79	72	115
	293115		2513818	Naphthalene	79	72	115
	293115		2513827	Naphthalene	79	72	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	293115	WATER	2513832	Naphthalene	79	72	115
	293115		2513818	Phenanthrene	82	56	115
	293115		2513827	Phenanthrene	82	56	115
	293115		2513832	Phenanthrene	82	56	115
	293115		2513819	Phenanthrene	82	56	115
	293115		2513818	Pyrene	84	72	115
	293115		2513819	Pyrene	84	72	115
	293115		2513827	Pyrene	84	72	115
	293115		2513832	Pyrene	84	72	115
	293116		2513818	1-Methylnaphthalene	84	68	114
	293116		2513819	1-Methylnaphthalene	84	68	114
	293116		2513832	1-Methylnaphthalene	84	68	114
	293116		2513827	1-Methylnaphthalene	84	68	114
	293116		2513818	2-Methylnaphthalene	84	62	108
	293116		2513827	2-Methylnaphthalene	84	62	108
	293116		2513832	2-Methylnaphthalene	84	62	108
	293116		2513819	2-Methylnaphthalene	84	62	108
	293116		2513832	Acenaphthene	79	63	115
	293116		2513818	Acenaphthene	79	63	115
	293116		2513819	Acenaphthene	79	63	115
	293116		2513827	Acenaphthene	79	63	115
	293116		2513818	Acenaphthylene	75	46	115
	293116		2513832	Acenaphthylene	75	46	115
	293116		2513819	Acenaphthylene	75	46	115
	293116		2513827	Acenaphthylene	75	46	115
	293116		2513827	Anthracene	81	59	115
	293116		2513818	Anthracene	81	59	115
	293116		2513832	Anthracene	81	59	115
	293116		2513819	Anthracene	81	59	115
	293116		2513818	Benz(a)anthracene	81	73	115
	293116		2513827	Benz(a)anthracene	81	73	115
	293116		2513819	Benz(a)anthracene	81	73	115
	293116		2513832	Benz(a)anthracene	81	73	115
	293116		2513819	Benzo(a)pyrene	96	68	115
	293116		2513832	Benzo(a)pyrene	96	68	115
	293116		2513818	Benzo(a)pyrene	96	68	115
	293116		2513827	Benzo(a)pyrene	96	68	115
	293116		2513827	Benzo(b)fluoranthene	85	74	115
	293116		2513818	Benzo(b)fluoranthene	85	74	115
	293116		2513819	Benzo(b)fluoranthene	85	74	115
	293116		2513832	Benzo(b)fluoranthene	85	74	115
	293116		2513832	Benzo(g,h,i)perylene	95	68	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	293116	WATER	2513827	Benzo(g,h,i)perylene	95	68	115
	293116		2513819	Benzo(g,h,i)perylene	95	68	115
	293116		2513818	Benzo(g,h,i)perylene	95	68	115
	293116		2513819	Benzo(k)fluoranthene	86	83	115
	293116		2513832	Benzo(k)fluoranthene	86	83	115
	293116		2513818	Benzo(k)fluoranthene	86	83	115
	293116		2513827	Benzo(k)fluoranthene	86	83	115
	293116		2513818	Chrysene	91	68	115
	293116		2513819	Chrysene	91	68	115
	293116		2513832	Chrysene	91	68	115
	293116		2513827	Chrysene	91	68	115
	293116		2513827	Dibenz(a,h)anthracene	85	77	115
	293116		2513818	Dibenz(a,h)anthracene	85	77	115
	293116		2513819	Dibenz(a,h)anthracene	85	77	115
	293116		2513832	Dibenz(a,h)anthracene	85	77	115
	293116		2513819	Fluoranthene	79	67	115
	293116		2513832	Fluoranthene	79	67	115
	293116		2513827	Fluoranthene	79	67	115
	293116		2513818	Fluoranthene	79	67	115
	293116		2513819	Fluorene	80	58	116
	293116		2513832	Fluorene	80	58	116
	293116		2513818	Fluorene	80	58	116
	293116		2513827	Fluorene	80	58	116
	293116		2513827	Indeno(1,2,3-cd)pyrene	86	52	115
	293116		2513819	Indeno(1,2,3-cd)pyrene	86	52	115
	293116		2513818	Indeno(1,2,3-cd)pyrene	86	52	115
	293116		2513832	Indeno(1,2,3-cd)pyrene	86	52	115
	293116		2513819	Naphthalene	77	72	115
	293116		2513832	Naphthalene	77	72	115
	293116		2513818	Naphthalene	77	72	115
	293116		2513827	Naphthalene	77	72	115
	293116		2513819	Phenanthrene	82	56	115
	293116		2513827	Phenanthrene	82	56	115
	293116		2513818	Phenanthrene	82	56	115
	293116		2513832	Phenanthrene	82	56	115
	293116		2513819	Pyrene	84	72	115
	293116		2513827	Pyrene	84	72	115
	293116		2513818	Pyrene	84	72	115
	293116		2513832	Pyrene	84	72	115
	293575		2513891	1-Methylnaphthalene	82	68	114
	293575		2513871	1-Methylnaphthalene	82	68	114
	293575		2513858	1-Methylnaphthalene	82	68	114

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	293575	WATER	2513902	1-Methylnaphthalene	82	68	114
	293575		2513902	2-Methylnaphthalene	82	62	108
	293575		2513858	2-Methylnaphthalene	82	62	108
	293575		2513891	2-Methylnaphthalene	82	62	108
	293575		2513871	2-Methylnaphthalene	82	62	108
	293575		2513858	Acenaphthene	77	63	115
	293575		2513871	Acenaphthene	77	63	115
	293575		2513902	Acenaphthene	77	63	115
	293575		2513891	Acenaphthene	77	63	115
	293575		2513902	Acenaphthylene	73	46	115
	293575		2513891	Acenaphthylene	73	46	115
	293575		2513858	Acenaphthylene	73	46	115
	293575		2513871	Acenaphthylene	73	46	115
	293575		2513858	Anthracene	75	59	115
	293575		2513871	Anthracene	75	59	115
	293575		2513902	Anthracene	75	59	115
	293575		2513891	Anthracene	75	59	115
	293575		2513858	Benz(a)anthracene	75	73	115
	293575		2513902	Benz(a)anthracene	75	73	115
	293575		2513891	Benz(a)anthracene	75	73	115
	293575		2513871	Benz(a)anthracene	75	73	115
	293575		2513858	Benzo(a)pyrene	83	68	115
	293575		2513871	Benzo(a)pyrene	83	68	115
	293575		2513902	Benzo(a)pyrene	83	68	115
	293575		2513891	Benzo(a)pyrene	83	68	115
	293575		2513902	Benzo(b)fluoranthene	79	74	115
	293575		2513891	Benzo(b)fluoranthene	79	74	115
	293575		2513871	Benzo(b)fluoranthene	79	74	115
	293575		2513858	Benzo(b)fluoranthene	79	74	115
	293575		2513891	Benzo(g,h,i)perylene	84	68	115
	293575		2513902	Benzo(g,h,i)perylene	84	68	115
	293575		2513871	Benzo(g,h,i)perylene	84	68	115
	293575		2513858	Benzo(g,h,i)perylene	84	68	115
	293575		2513902	**Benzo(k)fluoranthene**	**79**	**83**	**115**
	293575		2513871	**Benzo(k)fluoranthene**	**79**	**83**	**115**
	293575		2513858	**Benzo(k)fluoranthene**	**79**	**83**	**115**
	293575		2513891	**Benzo(k)fluoranthene**	**79**	**83**	**115**
	293575		2513858	Chrysene	79	68	115
	293575		2513871	Chrysene	79	68	115
	293575		2513902	Chrysene	79	68	115
	293575		2513891	Chrysene	79	68	115
	293575		2513891	Dibenz(a,h)anthracene	79	77	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	293575	WATER	2513858	Dibenz(a,h)anthracene	79	77	115
	293575		2513871	Dibenz(a,h)anthracene	79	77	115
	293575		2513902	Dibenz(a,h)anthracene	79	77	115
	293575		2513902	Fluoranthene	75	67	115
	293575		2513858	Fluoranthene	75	67	115
	293575		2513891	Fluoranthene	75	67	115
	293575		2513871	Fluoranthene	75	67	115
	293575		2513902	Fluorene	77	58	116
	293575		2513871	Fluorene	77	58	116
	293575		2513858	Fluorene	77	58	116
	293575		2513891	Fluorene	77	58	116
	293575		2513891	Indeno(1,2,3-cd)pyrene	81	52	115
	293575		2513871	Indeno(1,2,3-cd)pyrene	81	52	115
	293575		2513902	Indeno(1,2,3-cd)pyrene	81	52	115
	293575		2513858	Indeno(1,2,3-cd)pyrene	81	52	115
	293575		2513902	Naphthalene	75	72	115
	293575		2513858	Naphthalene	75	72	115
	293575		2513891	Naphthalene	75	72	115
	293575		2513871	Naphthalene	75	72	115
	293575		2513871	Phenanthrene	77	56	115
	293575		2513891	Phenanthrene	77	56	115
	293575		2513902	Phenanthrene	77	56	115
	293575		2513858	Phenanthrene	77	56	115
	293575		2513891	Pyrene	78	72	115
	293575		2513902	Pyrene	78	72	115
	293575		2513871	Pyrene	78	72	115
	293575		2513858	Pyrene	78	72	115
	293686		2513925	1-Methylnaphthalene	85	68	114
	293686		2513922	1-Methylnaphthalene	85	68	114
	293686		2513927	1-Methylnaphthalene	85	68	114
	293686		2513927	2-Methylnaphthalene	85	62	108
	293686		2513922	2-Methylnaphthalene	85	62	108
	293686		2513925	2-Methylnaphthalene	85	62	108
	293686		2513927	Acenaphthene	80	63	115
	293686		2513922	Acenaphthene	80	63	115
	293686		2513925	Acenaphthene	80	63	115
	293686		2513927	Acenaphthylene	76	46	115
	293686		2513925	Acenaphthylene	76	46	115
	293686		2513922	Acenaphthylene	76	46	115
	293686		2513925	Anthracene	78	59	115
	293686		2513922	Anthracene	78	59	115
	293686		2513927	Anthracene	78	59	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	293686	WATER	2513925	Benz(a)anthracene	79	73	115
	293686		2513922	Benz(a)anthracene	79	73	115
	293686		2513927	Benz(a)anthracene	79	73	115
	293686		2513925	Benzo(a)pyrene	85	68	115
	293686		2513922	Benzo(a)pyrene	85	68	115
	293686		2513927	Benzo(a)pyrene	85	68	115
	293686		2513922	Benzo(b)fluoranthene	84	74	115
	293686		2513925	Benzo(b)fluoranthene	84	74	115
	293686		2513927	Benzo(b)fluoranthene	84	74	115
	293686		2513925	Benzo(g,h,i)perylene	89	68	115
	293686		2513927	Benzo(g,h,i)perylene	89	68	115
	293686		2513922	Benzo(g,h,i)perylene	89	68	115
	293686		2513927	Benzo(k)fluoranthene	84	83	115
	293686		2513925	Benzo(k)fluoranthene	84	83	115
	293686		2513922	Benzo(k)fluoranthene	84	83	115
	293686		2513927	Chrysene	84	68	115
	293686		2513925	Chrysene	84	68	115
	293686		2513922	Chrysene	84	68	115
	293686		2513927	Dibenz(a,h)anthracene	84	77	115
	293686		2513925	Dibenz(a,h)anthracene	84	77	115
	293686		2513922	Dibenz(a,h)anthracene	84	77	115
	293686		2513925	Fluoranthene	80	67	115
	293686		2513927	Fluoranthene	80	67	115
	293686		2513922	Fluoranthene	80	67	115
	293686		2513927	Fluorene	81	58	116
	293686		2513925	Fluorene	81	58	116
	293686		2513922	Fluorene	81	58	116
	293686		2513927	Indeno(1,2,3-cd)pyrene	86	52	115
	293686		2513925	Indeno(1,2,3-cd)pyrene	86	52	115
	293686		2513922	Indeno(1,2,3-cd)pyrene	86	52	115
	293686		2513922	Naphthalene	79	72	115
	293686		2513925	Naphthalene	79	72	115
	293686		2513927	Naphthalene	79	72	115
	293686		2513922	Phenanthrene	82	56	115
	293686		2513925	Phenanthrene	82	56	115
	293686		2513927	Phenanthrene	82	56	115
	293686		2513922	Pyrene	82	72	115
	293686		2513927	Pyrene	82	72	115
	293686		2513925	Pyrene	82	72	115
	293687		2513925	1-Methylnaphthalene	84	68	114
	293687		2513922	1-Methylnaphthalene	84	68	114
	293687		2513927	1-Methylnaphthalene	84	68	114

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	293687	WATER	2513925	2-Methylnaphthalene	84	62	108
	293687		2513922	2-Methylnaphthalene	84	62	108
	293687		2513927	2-Methylnaphthalene	84	62	108
	293687		2513925	Acenaphthene	78	63	115
	293687		2513922	Acenaphthene	78	63	115
	293687		2513927	Acenaphthene	78	63	115
	293687		2513925	Acenaphthylene	74	46	115
	293687		2513922	Acenaphthylene	74	46	115
	293687		2513927	Acenaphthylene	74	46	115
	293687		2513922	Anthracene	78	59	115
	293687		2513925	Anthracene	78	59	115
	293687		2513927	Anthracene	78	59	115
	293687		2513922	Benz(a)anthracene	78	73	115
	293687		2513925	Benz(a)anthracene	78	73	115
	293687		2513927	Benz(a)anthracene	78	73	115
	293687		2513922	Benzo(a)pyrene	91	68	115
	293687		2513927	Benzo(a)pyrene	91	68	115
	293687		2513925	Benzo(a)pyrene	91	68	115
	293687		2513925	Benzo(b)fluoranthene	83	74	115
	293687		2513922	Benzo(b)fluoranthene	83	74	115
	293687		2513927	Benzo(b)fluoranthene	83	74	115
	293687		2513925	Benzo(g,h,i)perylene	90	68	115
	293687		2513922	Benzo(g,h,i)perylene	90	68	115
	293687		2513927	Benzo(g,h,i)perylene	90	68	115
	293687		2513927	Benzo(k)fluoranthene	83	83	115
	293687		2513925	Benzo(k)fluoranthene	83	83	115
	293687		2513922	Benzo(k)fluoranthene	83	83	115
	293687		2513927	Chrysene	83	68	115
	293687		2513925	Chrysene	83	68	115
	293687		2513922	Chrysene	83	68	115
	293687		2513927	Dibenz(a,h)anthracene	83	77	115
	293687		2513922	Dibenz(a,h)anthracene	83	77	115
	293687		2513925	Dibenz(a,h)anthracene	83	77	115
	293687		2513927	Fluoranthene	78	67	115
	293687		2513925	Fluoranthene	78	67	115
	293687		2513922	Fluoranthene	78	67	115
	293687		2513927	Fluorene	79	58	116
	293687		2513925	Fluorene	79	58	116
	293687		2513922	Fluorene	79	58	116
	293687		2513927	Indeno(1,2,3-cd)pyrene	85	52	115
	293687		2513925	Indeno(1,2,3-cd)pyrene	85	52	115
	293687		2513922	Indeno(1,2,3-cd)pyrene	85	52	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	293687	WATER	2513927	Naphthalene	77	72	115
	293687		2513925	Naphthalene	77	72	115
	293687		2513922	Naphthalene	77	72	115
	293687		2513927	Phenanthrene	80	56	115
	293687		2513922	Phenanthrene	80	56	115
	293687		2513925	Phenanthrene	80	56	115
	293687		2513927	Pyrene	81	72	115
	293687		2513925	Pyrene	81	72	115
	293687		2513922	Pyrene	81	72	115
	297926		2514687	1-Methylnaphthalene	87	68	114
	297926		2514700	1-Methylnaphthalene	87	68	114
	297926		2514687	2-Methylnaphthalene	88	62	108
	297926		2514700	2-Methylnaphthalene	88	62	108
	297926		2514700	Acenaphthene	82	63	115
	297926		2514687	Acenaphthene	82	63	115
	297926		2514687	Acenaphthylene	78	46	115
	297926		2514700	Acenaphthylene	78	46	115
	297926		2514687	Anthracene	81	59	115
	297926		2514700	Anthracene	81	59	115
	297926		2514700	Benz(a)anthracene	81	73	115
	297926		2514687	Benz(a)anthracene	81	73	115
	297926		2514687	Benzo(a)pyrene	90	68	115
	297926		2514700	Benzo(a)pyrene	90	68	115
	297926		2514687	Benzo(b)fluoranthene	85	74	115
	297926		2514700	Benzo(b)fluoranthene	85	74	115
	297926		2514700	Benzo(g,h,i)perylene	91	68	115
	297926		2514687	Benzo(g,h,i)perylene	91	68	115
	297926		2514700	Benzo(k)fluoranthene	86	83	115
	297926		2514687	Benzo(k)fluoranthene	86	83	115
	297926		2514687	Chrysene	86	68	115
	297926		2514700	Chrysene	86	68	115
	297926		2514687	Dibenz(a,h)anthracene	85	77	115
	297926		2514700	Dibenz(a,h)anthracene	85	77	115
	297926		2514687	Fluoranthene	83	67	115
	297926		2514700	Fluoranthene	83	67	115
	297926		2514687	Fluorene	88	58	116
	297926		2514700	Fluorene	88	58	116
	297926		2514687	Indeno(1,2,3-cd)pyrene	87	52	115
	297926		2514700	Indeno(1,2,3-cd)pyrene	87	52	115
	297926		2514687	Naphthalene	80	72	115
	297926		2514700	Naphthalene	80	72	115
	297926		2514687	Phenanthrene	83	56	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	297926	WATER	2514700	Phenanthrene	83	56	115
	297926		2514700	Pyrene	86	72	115
	297926		2514687	Pyrene	86	72	115
	297927		2514700	1-Methylnaphthalene	90	68	114
	297927		2514687	1-Methylnaphthalene	90	68	114
	297927		2514687	2-Methylnaphthalene	90	62	108
	297927		2514700	2-Methylnaphthalene	90	62	108
	297927		2514700	Acenaphthene	84	63	115
	297927		2514687	Acenaphthene	84	63	115
	297927		2514687	Acenaphthylene	80	46	115
	297927		2514700	Acenaphthylene	80	46	115
	297927		2514687	Anthracene	82	59	115
	297927		2514700	Anthracene	82	59	115
	297927		2514687	Benz(a)anthracene	82	73	115
	297927		2514700	Benz(a)anthracene	82	73	115
	297927		2514687	Benzo(a)pyrene	91	68	115
	297927		2514700	Benzo(a)pyrene	91	68	115
	297927		2514687	Benzo(b)fluoranthene	85	74	115
	297927		2514700	Benzo(b)fluoranthene	85	74	115
	297927		2514700	Benzo(g,h,i)perylene	93	68	115
	297927		2514687	Benzo(g,h,i)perylene	93	68	115
	297927		2514687	Benzo(k)fluoranthene	87	83	115
	297927		2514700	Benzo(k)fluoranthene	87	83	115
	297927		2514687	Chrysene	87	68	115
	297927		2514700	Chrysene	87	68	115
	297927		2514700	Dibenz(a,h)anthracene	86	77	115
	297927		2514687	Dibenz(a,h)anthracene	86	77	115
	297927		2514687	Fluoranthene	84	67	115
	297927		2514700	Fluoranthene	84	67	115
	297927		2514687	Fluorene	88	58	116
	297927		2514700	Fluorene	88	58	116
	297927		2514700	Indeno(1,2,3-cd)pyrene	88	52	115
	297927		2514687	Indeno(1,2,3-cd)pyrene	88	52	115
	297927		2514687	Naphthalene	82	72	115
	297927		2514700	Naphthalene	82	72	115
	297927		2514687	Phenanthrene	85	56	115
	297927		2514700	Phenanthrene	85	56	115
	297927		2514687	Pyrene	88	72	115
	297927		2514700	Pyrene	88	72	115
	298097		2514737	1-Methylnaphthalene	88	68	114
	298097		2514717	1-Methylnaphthalene	88	68	114
	298097		2514737	2-Methylnaphthalene	88	62	108

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	298097	WATER	2514717	2-Methylnaphthalene	88	62	108
	298097		2514717	Acenaphthene	83	63	115
	298097		2514737	Acenaphthene	83	63	115
	298097		2514717	Acenaphthylene	80	46	115
	298097		2514737	Acenaphthylene	80	46	115
	298097		2514717	Anthracene	85	59	115
	298097		2514737	Anthracene	85	59	115
	298097		2514717	Benz(a)anthracene	82	73	115
	298097		2514737	Benz(a)anthracene	82	73	115
	298097		2514717	Benzo(a)pyrene	99	68	115
	298097		2514737	Benzo(a)pyrene	99	68	115
	298097		2514737	Benzo(b)fluoranthene	86	74	115
	298097		2514717	Benzo(b)fluoranthene	86	74	115
	298097		2514717	Benzo(g,h,i)perylene	96	68	115
	298097		2514737	Benzo(g,h,i)perylene	96	68	115
	298097		2514737	Benzo(k)fluoranthene	88	83	115
	298097		2514717	Benzo(k)fluoranthene	88	83	115
	298097		2514717	Chrysene	86	68	115
	298097		2514737	Chrysene	86	68	115
	298097		2514717	Dibenz(a,h)anthracene	86	77	115
	298097		2514737	Dibenz(a,h)anthracene	86	77	115
	298097		2514717	Fluoranthene	82	67	115
	298097		2514737	Fluoranthene	82	67	115
	298097		2514737	Fluorene	86	58	116
	298097		2514717	Fluorene	86	58	116
	298097		2514737	Indeno(1,2,3-cd)pyrene	88	52	115
	298097		2514717	Indeno(1,2,3-cd)pyrene	88	52	115
	298097		2514737	Naphthalene	81	72	115
	298097		2514717	Naphthalene	81	72	115
	298097		2514737	Phenanthrene	85	56	115
	298097		2514717	Phenanthrene	85	56	115
	298097		2514717	Pyrene	88	72	115
	298097		2514737	Pyrene	88	72	115
	298192		2514801	1-Methylnaphthalene	74	68	114
	298192		2514777	1-Methylnaphthalene	74	68	114
	298192		2514717	1-Methylnaphthalene	74	68	114
	298192		2514801	2-Methylnaphthalene	74	62	108
	298192		2514717	2-Methylnaphthalene	74	62	108
	298192		2514777	2-Methylnaphthalene	74	62	108
	298192		2514777	Acenaphthene	69	63	115
	298192		2514717	Acenaphthene	69	63	115
	298192		2514801	Acenaphthene	69	63	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	298192	WATER	2514777	Acenaphthylene	66	46	115
	298192		2514801	Acenaphthylene	66	46	115
	298192		2514717	Acenaphthylene	66	46	115
	298192		2514801	Anthracene	69	59	115
	298192		2514777	Anthracene	69	59	115
	298192		2514717	Anthracene	69	59	115
	298192		2514801	**Benz(a)anthracene**	**67**	**73**	**115**
	298192		2514717	**Benz(a)anthracene**	**67**	**73**	**115**
	298192		2514777	**Benz(a)anthracene**	**67**	**73**	**115**
	298192		2514801	Benzo(a)pyrene	78	68	115
	298192		2514717	Benzo(a)pyrene	78	68	115
	298192		2514777	Benzo(a)pyrene	78	68	115
	298192		2514801	**Benzo(b)fluoranthene**	**72**	**74**	**115**
	298192		2514777	**Benzo(b)fluoranthene**	**72**	**74**	**115**
	298192		2514717	**Benzo(b)fluoranthene**	**72**	**74**	**115**
	298192		2514801	Benzo(g,h,i)perylene	75	68	115
	298192		2514717	Benzo(g,h,i)perylene	75	68	115
	298192		2514777	Benzo(g,h,i)perylene	75	68	115
	298192		2514777	**Benzo(k)fluoranthene**	**71**	**83**	**115**
	298192		2514717	**Benzo(k)fluoranthene**	**71**	**83**	**115**
	298192		2514801	**Benzo(k)fluoranthene**	**71**	**83**	**115**
	298192		2514717	Chrysene	71	68	115
	298192		2514801	Chrysene	71	68	115
	298192		2514777	Chrysene	71	68	115
	298192		2514777	**Dibenz(a,h)anthracene**	**69**	**77**	**115**
	298192		2514717	**Dibenz(a,h)anthracene**	**69**	**77**	**115**
	298192		2514801	**Dibenz(a,h)anthracene**	**69**	**77**	**115**
	298192		2514801	Fluoranthene	67	67	115
	298192		2514717	Fluoranthene	67	67	115
	298192		2514777	Fluoranthene	67	67	115
	298192		2514801	Fluorene	71	58	116
	298192		2514717	Fluorene	71	58	116
	298192		2514777	Fluorene	71	58	116
	298192		2514801	Indeno(1,2,3-cd)pyrene	69	52	115
	298192		2514717	Indeno(1,2,3-cd)pyrene	69	52	115
	298192		2514777	Indeno(1,2,3-cd)pyrene	69	52	115
	298192		2514717	**Naphthalene**	**68**	**72**	**115**
	298192		2514801	**Naphthalene**	**68**	**72**	**115**
	298192		2514777	**Naphthalene**	**68**	**72**	**115**
	298192		2514777	Phenanthrene	69	56	115
	298192		2514717	Phenanthrene	69	56	115
	298192		2514801	Phenanthrene	69	56	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	298192	WATER	2514717	**Pyrene**	**71**	**72**	**115**
	298192		2514801	**Pyrene**	**71**	**72**	**115**
	298192		2514777	**Pyrene**	**71**	**72**	**115**
	298193		2514801	1-Methylnaphthalene	79	68	114
	298193		2514777	1-Methylnaphthalene	79	68	114
	298193		2514717	1-Methylnaphthalene	79	68	114
	298193		2514717	2-Methylnaphthalene	80	62	108
	298193		2514801	2-Methylnaphthalene	80	62	108
	298193		2514777	2-Methylnaphthalene	80	62	108
	298193		2514777	Acenaphthene	74	63	115
	298193		2514717	Acenaphthene	74	63	115
	298193		2514801	Acenaphthene	74	63	115
	298193		2514801	Acenaphthylene	71	46	115
	298193		2514777	Acenaphthylene	71	46	115
	298193		2514717	Acenaphthylene	71	46	115
	298193		2514801	Anthracene	76	59	115
	298193		2514777	Anthracene	76	59	115
	298193		2514717	Anthracene	76	59	115
	298193		2514801	Benz(a)anthracene	74	73	115
	298193		2514717	Benz(a)anthracene	74	73	115
	298193		2514777	Benz(a)anthracene	74	73	115
	298193		2514801	Benzo(a)pyrene	84	68	115
	298193		2514777	Benzo(a)pyrene	84	68	115
	298193		2514717	Benzo(a)pyrene	84	68	115
	298193		2514777	Benzo(b)fluoranthene	76	74	115
	298193		2514717	Benzo(b)fluoranthene	76	74	115
	298193		2514801	Benzo(b)fluoranthene	76	74	115
	298193		2514777	Benzo(g,h,i)perylene	83	68	115
	298193		2514717	Benzo(g,h,i)perylene	83	68	115
	298193		2514801	Benzo(g,h,i)perylene	83	68	115
	298193		2514777	**Benzo(k)fluoranthene**	**77**	**83**	**115**
	298193		2514717	**Benzo(k)fluoranthene**	**77**	**83**	**115**
	298193		2514801	**Benzo(k)fluoranthene**	**77**	**83**	**115**
	298193		2514801	Chrysene	77	68	115
	298193		2514717	Chrysene	77	68	115
	298193		2514777	Chrysene	77	68	115
	298193		2514777	**Dibenz(a,h)anthracene**	**76**	**77**	**115**
	298193		2514717	**Dibenz(a,h)anthracene**	**76**	**77**	**115**
	298193		2514801	**Dibenz(a,h)anthracene**	**76**	**77**	**115**
	298193		2514801	Fluoranthene	73	67	115
	298193		2514777	Fluoranthene	73	67	115
	298193		2514717	Fluoranthene	73	67	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	298193	WATER	2514777	Fluorene	79	58	116
	298193		2514801	Fluorene	79	58	116
	298193		2514717	Fluorene	79	58	116
	298193		2514717	Indeno(1,2,3-cd)pyrene	78	52	115
	298193		2514777	Indeno(1,2,3-cd)pyrene	78	52	115
	298193		2514801	Indeno(1,2,3-cd)pyrene	78	52	115
	298193		2514717	Naphthalene	73	72	115
	298193		2514801	Naphthalene	73	72	115
	298193		2514777	Naphthalene	73	72	115
	298193		2514801	Phenanthrene	75	56	115
	298193		2514777	Phenanthrene	75	56	115
	298193		2514717	Phenanthrene	75	56	115
	298193		2514717	Pyrene	77	72	115
	298193		2514777	Pyrene	77	72	115
	298193		2514801	Pyrene	77	72	115
	298558		2514823	1-Methylnaphthalene	93	68	114
	298558		2514809	1-Methylnaphthalene	93	68	114
	298558		2514835	1-Methylnaphthalene	93	68	114
	298558		2514823	2-Methylnaphthalene	94	62	108
	298558		2514809	2-Methylnaphthalene	94	62	108
	298558		2514835	2-Methylnaphthalene	94	62	108
	298558		2514809	Acenaphthene	94	63	115
	298558		2514835	Acenaphthene	94	63	115
	298558		2514823	Acenaphthene	94	63	115
	298558		2514823	Acenaphthylene	84	46	115
	298558		2514835	Acenaphthylene	84	46	115
	298558		2514809	Acenaphthylene	84	46	115
	298558		2514835	Anthracene	88	59	115
	298558		2514809	Anthracene	88	59	115
	298558		2514823	Anthracene	88	59	115
	298558		2514835	Benz(a)anthracene	84	73	115
	298558		2514809	Benz(a)anthracene	84	73	115
	298558		2514823	Benz(a)anthracene	84	73	115
	298558		2514835	Benzo(a)pyrene	112	68	115
	298558		2514809	Benzo(a)pyrene	112	68	115
	298558		2514823	Benzo(a)pyrene	112	68	115
	298558		2514809	Benzo(b)fluoranthene	88	74	115
	298558		2514835	Benzo(b)fluoranthene	88	74	115
	298558		2514823	Benzo(b)fluoranthene	88	74	115
	298558		2514823	Benzo(g,h,i)perylene	102	68	115
	298558		2514835	Benzo(g,h,i)perylene	102	68	115
	298558		2514809	Benzo(g,h,i)perylene	102	68	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	298558	WATER	2514823	Benzo(k)fluoranthene	88	83	115
	298558		2514835	Benzo(k)fluoranthene	88	83	115
	298558		2514809	Benzo(k)fluoranthene	88	83	115
	298558		2514835	Chrysene	88	68	115
	298558		2514823	Chrysene	88	68	115
	298558		2514809	Chrysene	88	68	115
	298558		2514835	Dibenz(a,h)anthracene	87	77	115
	298558		2514809	Dibenz(a,h)anthracene	87	77	115
	298558		2514823	Dibenz(a,h)anthracene	87	77	115
	298558		2514809	Fluoranthene	82	67	115
	298558		2514835	Fluoranthene	82	67	115
	298558		2514823	Fluoranthene	82	67	115
	298558		2514809	Fluorene	93	58	116
	298558		2514835	Fluorene	93	58	116
	298558		2514823	Fluorene	93	58	116
	298558		2514835	Indeno(1,2,3-cd)pyrene	90	52	115
	298558		2514809	Indeno(1,2,3-cd)pyrene	90	52	115
	298558		2514823	Indeno(1,2,3-cd)pyrene	90	52	115
	298558		2514809	Naphthalene	86	72	115
	298558		2514823	Naphthalene	86	72	115
	298558		2514835	Naphthalene	86	72	115
	298558		2514809	Phenanthrene	87	56	115
	298558		2514823	Phenanthrene	87	56	115
	298558		2514835	Phenanthrene	87	56	115
	298558		2514809	Pyrene	89	72	115
	298558		2514835	Pyrene	89	72	115
	298558		2514823	Pyrene	89	72	115
	298713		2514863	1-Methylnaphthalene	91	68	114
	298713		2514863	2-Methylnaphthalene	92	62	108
	298713		2514863	Acenaphthene	85	63	115
	298713		2514863	Acenaphthylene	82	46	115
	298713		2514863	Anthracene	86	59	115
	298713		2514863	Benz(a)anthracene	82	73	115
	298713		2514863	Benzo(a)pyrene	107	68	115
	298713		2514863	Benzo(b)fluoranthene	86	74	115
	298713		2514863	Benzo(g,h,i)perylene	100	68	115
	298713		2514863	Benzo(k)fluoranthene	87	83	115
	298713		2514863	Chrysene	86	68	115
	298713		2514863	Dibenz(a,h)anthracene	86	77	115
	298713		2514863	Fluoranthene	80	67	115
	298713		2514863	Fluorene	87	58	116
	298713		2514863	Indeno(1,2,3-cd)pyrene	87	52	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	298713	WATER	2514863	Naphthalene	84	72	115
	298713		2514863	Phenanthrene	85	56	115
	298713		2514863	Pyrene	87	72	115
	298714		2514863	1-Methylnaphthalene	92	68	114
	298714		2514863	2-Methylnaphthalene	92	62	108
	298714		2514863	Acenaphthene	91	63	115
	298714		2514863	Acenaphthylene	83	46	115
	298714		2514863	Anthracene	86	59	115
	298714		2514863	Benz(a)anthracene	83	73	115
	298714		2514863	Benzo(a)pyrene	104	68	115
	298714		2514863	Benzo(b)fluoranthene	87	74	115
	298714		2514863	Benzo(g,h,i)perylene	98	68	115
	298714		2514863	Benzo(k)fluoranthene	87	83	115
	298714		2514863	Chrysene	87	68	115
	298714		2514863	Dibenz(a,h)anthracene	84	77	115
	298714		2514863	Fluoranthene	81	67	115
	298714		2514863	Fluorene	88	58	116
	298714		2514863	Indeno(1,2,3-cd)pyrene	86	52	115
	298714		2514863	Naphthalene	85	72	115
	298714		2514863	Phenanthrene	85	56	115
	298714		2514863	Pyrene	87	72	115
	298907		2514878	**1-Methylnaphthalene**	**50**	**68**	**114**
	298907		2514878	**2-Methylnaphthalene**	**50**	**62**	**108**
	298907		2514878	**Acenaphthene**	**47**	**63**	**115**
	298907		2514878	**Acenaphthylene**	**45**	**46**	**115**
	298907		2514878	**Anthracene**	**48**	**59**	**115**
	298907		2514878	**Benz(a)anthracene**	**48**	**73**	**115**
	298907		2514878	**Benzo(a)pyrene**	**61**	**68**	**115**
	298907		2514878	**Benzo(b)fluoranthene**	**49**	**74**	**115**
	298907		2514878	**Benzo(g,h,i)perylene**	**54**	**68**	**115**
	298907		2514878	**Benzo(k)fluoranthene**	**48**	**83**	**115**
	298907		2514878	**Chrysene**	**49**	**68**	**115**
	298907		2514878	**Dibenz(a,h)anthracene**	**47**	**77**	**115**
	298907		2514878	**Fluoranthene**	**46**	**67**	**115**
	298907		2514878	**Fluorene**	**47**	**58**	**116**
	298907		2514878	**Indeno(1,2,3-cd)pyrene**	**48**	**52**	**115**
	298907		2514878	**Naphthalene**	**46**	**72**	**115**
	298907		2514878	**Phenanthrene**	**48**	**56**	**115**
	298907		2514878	**Pyrene**	**49**	**72**	**115**
	298908		2514878	1-Methylnaphthalene	86	68	114
	298908		2514878	2-Methylnaphthalene	86	62	108
	298908		2514878	Acenaphthene	80	63	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	298908	WATER	2514878	Acenaphthylene	77	46	115
	298908		2514878	Anthracene	81	59	115
	298908		2514878	Benz(a)anthracene	80	73	115
	298908		2514878	Benzo(a)pyrene	100	68	115
	298908		2514878	Benzo(b)fluoranthene	83	74	115
	298908		2514878	Benzo(g,h,i)perylene	94	68	115
	298908		2514878	Benzo(k)fluoranthene	83	83	115
	298908		2514878	Chrysene	84	68	115
	298908		2514878	Dibenz(a,h)anthracene	81	77	115
	298908		2514878	Fluoranthene	79	67	115
	298908		2514878	Fluorene	80	58	116
	298908		2514878	Indeno(1,2,3-cd)pyrene	83	52	115
	298908		2514878	Naphthalene	78	72	115
	298908		2514878	Phenanthrene	81	56	115
	298908		2514878	Pyrene	84	72	115
	298935		2514888	1-Methylnaphthalene	88	68	114
	298935		2514878	1-Methylnaphthalene	88	68	114
	298935		2514888	2-Methylnaphthalene	88	62	108
	298935		2514878	2-Methylnaphthalene	88	62	108
	298935		2514888	Acenaphthene	82	63	115
	298935		2514878	Acenaphthene	82	63	115
	298935		2514888	Acenaphthylene	80	46	115
	298935		2514878	Acenaphthylene	80	46	115
	298935		2514878	Anthracene	84	59	115
	298935		2514888	Anthracene	84	59	115
	298935		2514888	Benz(a)anthracene	82	73	115
	298935		2514878	Benz(a)anthracene	82	73	115
	298935		2514878	Benzo(a)pyrene	104	68	115
	298935		2514888	Benzo(a)pyrene	104	68	115
	298935		2514878	Benzo(b)fluoranthene	85	74	115
	298935		2514888	Benzo(b)fluoranthene	85	74	115
	298935		2514878	Benzo(g,h,i)perylene	98	68	115
	298935		2514888	Benzo(g,h,i)perylene	98	68	115
	298935		2514878	Benzo(k)fluoranthene	85	83	115
	298935		2514888	Benzo(k)fluoranthene	85	83	115
	298935		2514888	Chrysene	87	68	115
	298935		2514878	Chrysene	87	68	115
	298935		2514878	Dibenz(a,h)anthracene	85	77	115
	298935		2514888	Dibenz(a,h)anthracene	85	77	115
	298935		2514878	Fluoranthene	81	67	115
	298935		2514888	Fluoranthene	81	67	115
	298935		2514878	Fluorene	82	58	116

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	298935	WATER	2514888	Fluorene	82	58	116
	298935		2514878	Indeno(1,2,3-cd)pyrene	87	52	115
	298935		2514888	Indeno(1,2,3-cd)pyrene	87	52	115
	298935		2514878	Naphthalene	81	72	115
	298935		2514888	Naphthalene	81	72	115
	298935		2514888	Phenanthrene	84	56	115
	298935		2514878	Phenanthrene	84	56	115
	298935		2514888	Pyrene	86	72	115
	298935		2514878	Pyrene	86	72	115
	298936		2514878	1-Methylnaphthalene	94	68	114
	298936		2514888	1-Methylnaphthalene	94	68	114
	298936		2514888	2-Methylnaphthalene	94	62	108
	298936		2514878	2-Methylnaphthalene	94	62	108
	298936		2514888	Acenaphthene	87	63	115
	298936		2514878	Acenaphthene	87	63	115
	298936		2514888	Acenaphthylene	85	46	115
	298936		2514878	Acenaphthylene	85	46	115
	298936		2514888	Anthracene	89	59	115
	298936		2514878	Anthracene	89	59	115
	298936		2514878	Benz(a)anthracene	87	73	115
	298936		2514888	Benz(a)anthracene	87	73	115
	298936		2514888	Benzo(a)pyrene	111	68	115
	298936		2514878	Benzo(a)pyrene	111	68	115
	298936		2514888	Benzo(b)fluoranthene	91	74	115
	298936		2514878	Benzo(b)fluoranthene	91	74	115
	298936		2514878	Benzo(g,h,i)perylene	102	68	115
	298936		2514888	Benzo(g,h,i)perylene	102	68	115
	298936		2514878	Benzo(k)fluoranthene	90	83	115
	298936		2514888	Benzo(k)fluoranthene	90	83	115
	298936		2514878	Chrysene	92	68	115
	298936		2514888	Chrysene	92	68	115
	298936		2514878	Dibenz(a,h)anthracene	88	77	115
	298936		2514888	Dibenz(a,h)anthracene	88	77	115
	298936		2514888	Fluoranthene	86	67	115
	298936		2514878	Fluoranthene	86	67	115
	298936		2514888	Fluorene	87	58	116
	298936		2514878	Fluorene	87	58	116
	298936		2514888	Indeno(1,2,3-cd)pyrene	90	52	115
	298936		2514878	Indeno(1,2,3-cd)pyrene	90	52	115
	298936		2514878	Naphthalene	86	72	115
	298936		2514888	Naphthalene	86	72	115
	298936		2514888	Phenanthrene	89	56	115

Table B-7. Summary of Laboratory Control Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
SW8310							
	298936	WATER	2514878	Phenanthrene	89	56	115
	298936		2514888	Pyrene	92	72	115
	298936		2514878	Pyrene	92	72	115

Bold formatting indicates recoveries below the lower control limit or above the upper control limit.

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
E300									
	ST106-GW-10622-13102009MS	WATER	2513858	MS	DCA	1	110	90	115
	ST106-GW-10622-13102009MS	WATER		MS	DCA	2	101	90	115
	ST106-GW-10622-13102009MS	WATER		MS	Nitrate	1	108	90	110
	ST106-GW-10622-13102009MS	WATER		MS	Sulfate	2	115	75	125
	ST106-GW-10622-13102009MSD	WATER		SD	DCA	1	110	90	115
	ST106-GW-10622-13102009MSD	WATER		SD	DCA	2	102	90	115
	ST106-GW-10622-13102009MSD	WATER		SD	Nitrate	1	108	90	110
	ST106-GW-10622-13102009MSD	WATER		SD	Sulfate	2	115	75	125
	ST106-GW-10623-21012010MS	WATER	2514823	MS	DCA	1	112	90	115
	ST106-GW-10623-21012010MS	WATER		MS	Sulfate	1	110	75	125
	ST106-GW-10623-21012010MSD	WATER		SD	DCA	1	114	90	115
	ST106-GW-10623-21012010MSD	WATER		SD	Sulfate	1	102.5	75	125
E310.1									
	ST106-GW-10623-21012010MS	WATER	2514823	MS	Alkalinity, Bicarbonate	4	93	75	125
	ST106-GW-10623-21012010MS	WATER		MS	Alkalinity, Carbonate	4	93	75	125
	ST106-GW-10623-21012010MS	WATER		MS	Alkalinity, Total	4	93	75	125
	ST106-GW-10623-21012010MS	WATER		MS	Carbonate Alkalinity	4	93	75	125
	ST106-GW-10623-21012010MSD	WATER		SD	Alkalinity, Bicarbonate	4	93	75	125
	ST106-GW-10623-21012010MSD	WATER		SD	Alkalinity, Carbonate	4	93	75	125
	ST106-GW-10623-21012010MSD	WATER		SD	Alkalinity, Total	4	93	75	125
	ST106-GW-10623-21012010MSD	WATER		SD	Carbonate Alkalinity	4	93	75	125
E353.2									
	ST106-GW-10623-21012010MS	WATER	2514823	**MS**	**nitrate**	1	**121.4**	**90**	**110**
	ST106-GW-10623-21012010MSD	WATER		**SD**	**nitrate**	1	**121.4**	**90**	**110**
SW6010B									
	ST106-GW-10622-13102009MS	WATER	2513858	MS	Iron, dissolved	1	96.8	89	116
	ST106-GW-10622-13102009MS	WATER		MS	Manganese, dissolved	1	96.6	90	110
	ST106-GW-10622-13102009MSD	WATER		SD	Iron, dissolved	1	95	89	116
	ST106-GW-10622-13102009MSD	WATER		SD	Manganese, dissolved	1	101.2	90	110
	ST106-GW-10623-21012010MS	WATER	2514823	MS	Iron, dissolved	1	96.4	89	116
	ST106-GW-10623-21012010MS	WATER		MS	Manganese, dissolved	1	97.5	90	110
	ST106-GW-10623-21012010MSD	WATER		SD	Iron, dissolved	1	96.2	89	116
	ST106-GW-10623-21012010MSD	WATER		SD	Manganese, dissolved	1	98.1	90	110
SW8011									
	ST106-GW-10622-13102009MS	WATER	2513858	MS	1,1,2,2-Tetrachloroethane	1	91.7	70	130
	ST106-GW-10622-13102009MS	WATER		MS	1,1,2,2-Tetrachloroethane	5	104	70	130
	ST106-GW-10622-13102009MS	WATER		**MS**	**1,2-Dibromoethane**	5	**167**	**60**	**140**
	ST106-GW-10622-13102009MS	WATER		**MS**	**1,2-Dibromoethane**	1	**33.3**	**60**	**140**
	ST106-GW-10622-13102009MSD	WATER		SD	1,1,2,2-Tetrachloroethane	1	79.2	70	130
	ST106-GW-10622-13102009MSD	WATER		SD	1,1,2,2-Tetrachloroethane	5	83.3	70	130
	ST106-GW-10622-13102009MSD	WATER		**SD**	**1,2-Dibromoethane**	1	**0**	**60**	**140**
	ST106-GW-10622-13102009MSD	WATER		**SD**	**1,2-Dibromoethane**	5	**33.3**	**60**	**140**

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8011									
	ST106-GW-10623-21012010MS	WATER	2514823	MS	1,1,2,2-Tetrachloroethane	1	100	70	130
	ST106-GW-10623-21012010MS	WATER		MS	1,2-Dibromoethane	1	115	60	140
	ST106-GW-10623-21012010MSD	WATER		SD	1,1,2,2-Tetrachloroethane	1	100	70	130
	ST106-GW-10623-21012010MSD	WATER		SD	1,2-Dibromoethane	1	107	60	140
SW8015-E									
	ST106-GW-10622-13102009MS	WATER	2513858	MS	o-Terphenyl	1	96	59	105
	ST106-GW-10622-13102009MS	WATER		MS	TPH C10-C28	1	71	50	104
	ST106-GW-10622-13102009MS	WATER		MS	Triacontane	1	75	40	140
	ST106-GW-10622-13102009MSD	WATER		SD	o-Terphenyl	1	91	59	105
	ST106-GW-10622-13102009MSD	WATER		SD	TPH C10-C28	1	79	50	104
	ST106-GW-10622-13102009MSD	WATER		SD	Triacontane	1	70	40	140
	ST106-GW-10623-21012010MS	WATER	2514823	MS	o-Terphenyl	1	83	59	105
	ST106-GW-10623-21012010MS	WATER		MS	TPH C10-C28	1	86	50	104
	ST106-GW-10623-21012010MS	WATER		MS	Triacontane	1	71.4	40	140
	ST106-GW-10623-21012010MSD	WATER		SD	o-Terphenyl	1	93	59	105
	ST106-GW-10623-21012010MSD	WATER		SD	TPH C10-C28	1	100	50	104
	ST106-GW-10623-21012010MSD	WATER		SD	Triacontane	1	81	40	140
SW8015-P									
	ST106-GW-10622-13102009MS	WATER	2513858	MS	Chlorobenzene	1	100	74	138
	ST106-GW-10622-13102009MS	WATER		MS	TPH C6-C10	1	108	79	149
	ST106-GW-10622-13102009MSD	WATER		SD	Chlorobenzene	1	110	74	138
	ST106-GW-10622-13102009MSD	WATER		SD	TPH C6-C10	1	108	79	149
	ST106-GW-10623-21012010MS	WATER	2514823	MS	Chlorobenzene	1	110	74	138
	ST106-GW-10623-21012010MS	WATER		**MS**	**TPH C6-C10**	1	**64**	**79**	**149**
	ST106-GW-10623-21012010MSD	WATER		SD	Chlorobenzene	1	85	74	138
	ST106-GW-10623-21012010MSD	WATER		SD	TPH C6-C10	1	84	79	149
SW8260B									
	ST106-GW-10622-13102009MS	WATER	2513858	MS	1,1,1,2-Tetrachloroethane	1	99	77	117
	ST106-GW-10622-13102009MS	WATER		MS	1,1,1-Trichloroethane	1	103	78	118
	ST106-GW-10622-13102009MS	WATER		MS	1,1,2,2-Tetrachloroethane	1	104	73	119
	ST106-GW-10622-13102009MS	WATER		MS	1,1,2-Trichloroethane	1	104	76	116
	ST106-GW-10622-13102009MS	WATER		MS	1,1-Dichloroethane	1	99	77	117
	ST106-GW-10622-13102009MS	WATER		MS	1,1-Dichloroethene	1	97.5	66	133
	ST106-GW-10622-13102009MS	WATER		MS	1,1-Dichloropropene	1	106	75	115
	ST106-GW-10622-13102009MS	WATER		MS	1,2,3-Trichlorobenzene	1	118	66	123
	ST106-GW-10622-13102009MS	WATER		MS	1,2,3-Trichloropropane	1	99.5	84	118
	ST106-GW-10622-13102009MS	WATER		MS	1,2,4-Trichlorobenzene	1	116	73	121
	ST106-GW-10622-13102009MS	WATER		MS	1,2,4-Trimethylbenzene	1	111	77	120
	ST106-GW-10622-13102009MS	WATER		MS	1,2-Dibromo-3-chloropropane	1	99	65	117
	ST106-GW-10622-13102009MS	WATER		MS	1,2-Dibromoethane	1	102	77	117
	ST106-GW-10622-13102009MS	WATER		MS	1,2-Dichlorobenzene	1	104	76	116
	ST106-GW-10622-13102009MS	WATER		MS	1,2-Dichloroethane	1	102	74	120

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	ST106-GW-10622-13102009MS	WATER	2513858	MS	1,2-Dichloroethane-d4	1	103	70	127
	ST106-GW-10622-13102009MS	WATER		MS	1,2-Dichloropropane	1	100	76	116
	ST106-GW-10622-13102009MS	WATER		MS	1,3,5-Trimethylbenzene	1	108	77	117
	ST106-GW-10622-13102009MS	WATER		MS	1,3-Dichlorobenzene	1	104	75	115
	ST106-GW-10622-13102009MS	WATER		MS	1,3-Dichloropropane	1	105	75	115
	ST106-GW-10622-13102009MS	WATER		MS	1,4-Dichlorobenzene	1	98.5	77	117
	ST106-GW-10622-13102009MS	WATER		MS	2,2-Dichloropropane	1	108	72	128
	ST106-GW-10622-13102009MS	WATER		MS	2-Butanone	1	108	57	120
	ST106-GW-10622-13102009MS	WATER		MS	2-Chlorotoluene	1	105	76	116
	ST106-GW-10622-13102009MS	WATER		MS	2-Hexanone	1	103	57	121
	ST106-GW-10622-13102009MS	WATER		MS	4-Bromofluorobenzene	1	101	78	118
	ST106-GW-10622-13102009MS	WATER		MS	4-Bromofluorobenzene	1	101	78	118
	ST106-GW-10622-13102009MS	WATER		MS	4-Chlorotoluene	1	104	78	118
	ST106-GW-10622-13102009MS	WATER		MS	4-Methyl-2-Pentanone	1	108	65	118
	ST106-GW-10622-13102009MS	WATER		MS	Acetone	1	112	48	130
	ST106-GW-10622-13102009MS	WATER		MS	Benzene	1	102	77	118
	ST106-GW-10622-13102009MS	WATER		MS	Bromobenzene	1	104	75	115
	ST106-GW-10622-13102009MS	WATER		MS	Bromochloromethane	1	100	78	118
	ST106-GW-10622-13102009MS	WATER		MS	Bromodichloromethane	1	99.5	78	118
	ST106-GW-10622-13102009MS	WATER		MS	Bromoform	1	100	74	121
	ST106-GW-10622-13102009MS	WATER		MS	Bromomethane	1	107	42	154
	ST106-GW-10622-13102009MS	WATER		**MS**	**Carbon Disulfide**	1	**108**	**56**	**104**
	ST106-GW-10622-13102009MS	WATER		MS	Carbon tetrachloride	1	99	80	120
	ST106-GW-10622-13102009MS	WATER		MS	Chlorobenzene	1	98.5	78	118
	ST106-GW-10622-13102009MS	WATER		MS	Chloroethane	1	106	51	133
	ST106-GW-10622-13102009MS	WATER		MS	Chloroform	1	96.5	78	118
	ST106-GW-10622-13102009MS	WATER		MS	Chloromethane	1	116	46	142
	ST106-GW-10622-13102009MS	WATER		MS	Cis-1,2-DCE	1	102	75	115
	ST106-GW-10622-13102009MS	WATER		MS	cis-1,3-Dichloropropene	1	106	76	113
	ST106-GW-10622-13102009MS	WATER		MS	Dibromochloromethane	1	99.5	76	116
	ST106-GW-10622-13102009MS	WATER		MS	Dibromofluoromethane	1	101	77	119
	ST106-GW-10622-13102009MS	WATER		MS	Dibromomethane	1	102	77	117
	ST106-GW-10622-13102009MS	WATER		MS	Dichlorodifluoromethane	1	110	56	140
	ST106-GW-10622-13102009MS	WATER		MS	Ethylbenzene	1	100	78	118
	ST106-GW-10622-13102009MS	WATER		MS	Hexachlorobutadiene	1	109	73	123
	ST106-GW-10622-13102009MS	WATER		MS	Isopropylbenzene	1	109	71	113
	ST106-GW-10622-13102009MS	WATER		MS	m,p-Xylene	1	104	78	118
	ST106-GW-10622-13102009MS	WATER		**MS**	**Methyl tert-Butyl Ether**	1	**118**	**58**	**116**
	ST106-GW-10622-13102009MS	WATER		MS	Methylene chloride	1	95	71	119
	ST106-GW-10622-13102009MS	WATER		MS	Naphthalene	1	116	62	121
	ST106-GW-10622-13102009MS	WATER		MS	n-Butylbenzene	1	112	76	117
	ST106-GW-10622-13102009MS	WATER		MS	n-Propylbenzene	1	108	76	116

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	ST106-GW-10622-13102009MS	WATER	2513858	MS	o-Xylene	1	110	77	117
	ST106-GW-10622-13102009MS	WATER		MS	p-Isopropyltoluene	1	112	76	113
	ST106-GW-10622-13102009MS	WATER		MS	Sec-Butylbenzene	1	107	80	120
	ST106-GW-10622-13102009MS	WATER		MS	Styrene	1	108	77	117
	ST106-GW-10622-13102009MS	WATER		**MS**	**tert-Butylbenzene**	1	**118**	**76**	**116**
	ST106-GW-10622-13102009MS	WATER		MS	Tetrachloroethene	1	103	77	117
	ST106-GW-10622-13102009MS	WATER		MS	Toluene	1	91.5	73	120
	ST106-GW-10622-13102009MS	WATER		MS	Toluene-d8	1	105	83	125
	ST106-GW-10622-13102009MS	WATER		MS	trans-1,2-Dichloroethene	1	101	80	120
	ST106-GW-10622-13102009MS	WATER		MS	trans-1,3-Dichloropropene	1	108	72	117
	ST106-GW-10622-13102009MS	WATER		MS	Trichloroethene	1	100	78	122
	ST106-GW-10622-13102009MS	WATER		MS	Trichlorofluoromethane	1	112	65	190
	ST106-GW-10622-13102009MS	WATER		MS	Vinyl chloride	1	100	49	136
	ST106-GW-10622-13102009MS	WATER		MS	Xylenes, Total	1	106	77	117
	ST106-GW-10622-13102009MSD	WATER		SD	1,1,1,2-Tetrachloroethane	1	89.5	77	117
	ST106-GW-10622-13102009MSD	WATER		SD	1,1,1-Trichloroethane	1	92.5	78	118
	ST106-GW-10622-13102009MSD	WATER		SD	1,1,2,2-Tetrachloroethane	1	96.5	73	119
	ST106-GW-10622-13102009MSD	WATER		SD	1,1,2-Trichloroethane	1	93	76	116
	ST106-GW-10622-13102009MSD	WATER		SD	1,1-Dichloroethane	1	92	77	117
	ST106-GW-10622-13102009MSD	WATER		SD	1,1-Dichloroethene	1	86.5	66	133
	ST106-GW-10622-13102009MSD	WATER		SD	1,1-Dichloropropene	1	99.5	75	115
	ST106-GW-10622-13102009MSD	WATER		SD	1,2,3-Trichlorobenzene	1	106	66	123
	ST106-GW-10622-13102009MSD	WATER		SD	1,2,3-Trichloropropane	1	91	84	118
	ST106-GW-10622-13102009MSD	WATER		SD	1,2,4-Trichlorobenzene	1	106	73	121
	ST106-GW-10622-13102009MSD	WATER		SD	1,2,4-Trimethylbenzene	1	99.5	77	120
	ST106-GW-10622-13102009MSD	WATER		SD	1,2-Dibromo-3-chloropropane	1	89.5	65	117
	ST106-GW-10622-13102009MSD	WATER		SD	1,2-Dibromoethane	1	92.8	77	117
	ST106-GW-10622-13102009MSD	WATER		SD	1,2-Dichlorobenzene	1	93.5	76	116
	ST106-GW-10622-13102009MSD	WATER		SD	1,2-Dichloroethane	1	99	74	120
	ST106-GW-10622-13102009MSD	WATER		SD	1,2-Dichloroethane-d4	1	106	70	127
	ST106-GW-10622-13102009MSD	WATER		SD	1,2-Dichloropropane	1	95.5	76	116
	ST106-GW-10622-13102009MSD	WATER		SD	1,3,5-Trimethylbenzene	1	98	77	117
	ST106-GW-10622-13102009MSD	WATER		SD	1,3-Dichlorobenzene	1	97	75	115
	ST106-GW-10622-13102009MSD	WATER		SD	1,3-Dichloropropane	1	93	75	115
	ST106-GW-10622-13102009MSD	WATER		SD	1,4-Dichlorobenzene	1	90	77	117
	ST106-GW-10622-13102009MSD	WATER		SD	2,2-Dichloropropane	1	99	72	128
	ST106-GW-10622-13102009MSD	WATER		SD	2-Butanone	1	104	57	120
	ST106-GW-10622-13102009MSD	WATER		SD	2-Chlorotoluene	1	97	76	116
	ST106-GW-10622-13102009MSD	WATER		SD	2-Hexanone	1	95.2	57	121
	ST106-GW-10622-13102009MSD	WATER		SD	4-Bromofluorobenzene	1	103	78	118
	ST106-GW-10622-13102009MSD	WATER		SD	4-Bromofluorobenzene	1	103	78	118
	ST106-GW-10622-13102009MSD	WATER		SD	4-Chlorotoluene	1	94.5	78	118

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	ST106-GW-10622-13102009MSD	WATER	2513858	SD	4-Methyl-2-Pentanone	1	96	65	118
	ST106-GW-10622-13102009MSD	WATER		SD	Acetone	1	107	48	130
	ST106-GW-10622-13102009MSD	WATER		SD	Benzene	1	96	77	118
	ST106-GW-10622-13102009MSD	WATER		SD	Bromobenzene	1	93.5	75	115
	ST106-GW-10622-13102009MSD	WATER		SD	Bromochloromethane	1	96.5	78	118
	ST106-GW-10622-13102009MSD	WATER		SD	Bromodichloromethane	1	91	78	118
	ST106-GW-10622-13102009MSD	WATER		SD	Bromoform	1	86.5	74	121
	ST106-GW-10622-13102009MSD	WATER		SD	Bromomethane	1	96	42	154
	ST106-GW-10622-13102009MSD	WATER		SD	Carbon Disulfide	1	97	56	104
	ST106-GW-10622-13102009MSD	WATER		SD	Carbon tetrachloride	1	90.5	80	120
	ST106-GW-10622-13102009MSD	WATER		SD	Chlorobenzene	1	91	78	118
	ST106-GW-10622-13102009MSD	WATER		SD	Chloroethane	1	96	51	133
	ST106-GW-10622-13102009MSD	WATER		SD	Chloroform	1	90	78	118
	ST106-GW-10622-13102009MSD	WATER		SD	Chloromethane	1	116	46	142
	ST106-GW-10622-13102009MSD	WATER		SD	Cis-1,2-DCE	1	97	75	115
	ST106-GW-10622-13102009MSD	WATER		SD	cis-1,3-Dichloropropene	1	100	76	113
	ST106-GW-10622-13102009MSD	WATER		SD	Dibromochloromethane	1	92	76	116
	ST106-GW-10622-13102009MSD	WATER		SD	Dibromofluoromethane	1	105	77	119
	ST106-GW-10622-13102009MSD	WATER		SD	Dibromomethane	1	94.5	77	117
	ST106-GW-10622-13102009MSD	WATER		SD	Dichlorodifluoromethane	1	102	56	140
	ST106-GW-10622-13102009MSD	WATER		SD	Ethylbenzene	1	90.5	78	118
	ST106-GW-10622-13102009MSD	WATER		SD	Hexachlorobutadiene	1	103	73	123
	ST106-GW-10622-13102009MSD	WATER		SD	Isopropylbenzene	1	99	71	113
	ST106-GW-10622-13102009MSD	WATER		SD	m,p-Xylene	1	94.8	78	118
	ST106-GW-10622-13102009MSD	WATER		SD	Methyl tert-Butyl Ether	1	110	58	116
	ST106-GW-10622-13102009MSD	WATER		SD	Methylene chloride	1	88	71	119
	ST106-GW-10622-13102009MSD	WATER		SD	Naphthalene	1	107	62	121
	ST106-GW-10622-13102009MSD	WATER		SD	n-Butylbenzene	1	100	76	117
	ST106-GW-10622-13102009MSD	WATER		SD	n-Propylbenzene	1	99	76	116
	ST106-GW-10622-13102009MSD	WATER		SD	o-Xylene	1	98	77	117
	ST106-GW-10622-13102009MSD	WATER		SD	p-Isopropyltoluene	1	102	76	113
	ST106-GW-10622-13102009MSD	WATER		SD	Sec-Butylbenzene	1	98.5	80	120
	ST106-GW-10622-13102009MSD	WATER		SD	Styrene	1	98.5	77	117
	ST106-GW-10622-13102009MSD	WATER		SD	tert-Butylbenzene	1	106	76	116
	ST106-GW-10622-13102009MSD	WATER		SD	Tetrachloroethene	1	92	77	117
	ST106-GW-10622-13102009MSD	WATER		SD	Toluene	1	87	73	120
	ST106-GW-10622-13102009MSD	WATER		SD	Toluene-d8	1	106	83	125
	ST106-GW-10622-13102009MSD	WATER		SD	trans-1,2-Dichloroethene	1	93.5	80	120
	ST106-GW-10622-13102009MSD	WATER		SD	trans-1,3-Dichloropropene	1	100	72	117
	ST106-GW-10622-13102009MSD	WATER		SD	Trichloroethene	1	92	78	122
	ST106-GW-10622-13102009MSD	WATER		SD	Trichlorofluoromethane	1	97.5	65	190
	ST106-GW-10622-13102009MSD	WATER		SD	Vinyl chloride	1	93.5	49	136

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	ST106-GW-10622-13102009MSD	WATER	2513858	SD	Xylenes, Total	1	95.8	77	117
	ST106-GW-10623-21012010MS	WATER	2514823	MS	1,1,1,2-Tetrachloroethane	1	106	77	117
	ST106-GW-10623-21012010MS	WATER		MS	1,1,1-Trichloroethane	1	112	78	118
	ST106-GW-10623-21012010MS	WATER		MS	1,1,2,2-Tetrachloroethane	1	96.5	73	119
	ST106-GW-10623-21012010MS	WATER		MS	1,1,2-Trichloroethane	1	103	76	116
	ST106-GW-10623-21012010MS	WATER		MS	1,1-Dichloroethane	1	106	77	117
	ST106-GW-10623-21012010MS	WATER		MS	1,1-Dichloroethene	1	106	66	133
	ST106-GW-10623-21012010MS	WATER		MS	1,1-Dichloropropene	1	114	75	115
	ST106-GW-10623-21012010MS	WATER		MS	1,2,3-Trichlorobenzene	1	108	66	123
	ST106-GW-10623-21012010MS	WATER		MS	1,2,3-Trichloropropane	1	101	84	118
	ST106-GW-10623-21012010MS	WATER		MS	1,2,4-Trichlorobenzene	1	110	73	121
	ST106-GW-10623-21012010MS	WATER		MS	1,2,4-Trimethylbenzene	1	112	77	120
	ST106-GW-10623-21012010MS	WATER		MS	1,2-Dibromo-3-chloropropane	1	99.5	65	117
	ST106-GW-10623-21012010MS	WATER		MS	1,2-Dibromoethane	1	101	77	117
	ST106-GW-10623-21012010MS	WATER		MS	1,2-Dichlorobenzene	1	102	76	116
	ST106-GW-10623-21012010MS	WATER		MS	1,2-Dichloroethane	1	104	74	120
	ST106-GW-10623-21012010MS	WATER		MS	1,2-Dichloroethane-d4	1	108	70	127
	ST106-GW-10623-21012010MS	WATER		MS	1,2-Dichloropropane	1	103	76	116
	ST106-GW-10623-21012010MS	WATER		MS	1,3,5-Trimethylbenzene	1	112	77	117
	ST106-GW-10623-21012010MS	WATER		MS	1,3-Dichlorobenzene	1	106	75	115
	ST106-GW-10623-21012010MS	WATER		MS	1,3-Dichloropropane	1	102	75	115
	ST106-GW-10623-21012010MS	WATER		MS	1,4-Dichlorobenzene	1	104	77	117
	ST106-GW-10623-21012010MS	WATER		MS	2,2-Dichloropropane	1	122	72	128
	ST106-GW-10623-21012010MS	WATER		MS	2-Butanone	1	99.5	57	120
	ST106-GW-10623-21012010MS	WATER		MS	2-Chlorotoluene	1	109	76	116
	ST106-GW-10623-21012010MS	WATER		MS	2-Hexanone	1	95.2	57	121
	ST106-GW-10623-21012010MS	WATER		MS	4-Bromofluorobenzene	1	106	78	118
	ST106-GW-10623-21012010MS	WATER		MS	4-Bromofluorobenzene	1	106	78	118
	ST106-GW-10623-21012010MS	WATER		MS	4-Chlorotoluene	1	107	78	118
	ST106-GW-10623-21012010MS	WATER		MS	4-Methyl-2-Pentanone	1	103	65	118
	ST106-GW-10623-21012010MS	WATER		MS	Acetone	1	82.2	48	130
	ST106-GW-10623-21012010MS	WATER		MS	Benzene	1	105	77	118
	ST106-GW-10623-21012010MS	WATER		MS	Bromobenzene	1	106	75	115
	ST106-GW-10623-21012010MS	WATER		MS	Bromochloromethane	1	104	78	118
	ST106-GW-10623-21012010MS	WATER		MS	Bromodichloromethane	1	108	78	118
	ST106-GW-10623-21012010MS	WATER		MS	Bromoform	1	102	74	121
	ST106-GW-10623-21012010MS	WATER		MS	Bromomethane	1	104	42	154
	ST106-GW-10623-21012010MS	WATER		MS	Carbon Disulfide	1	103	56	104
	ST106-GW-10623-21012010MS	WATER		MS	Carbon tetrachloride	1	111	80	120
	ST106-GW-10623-21012010MS	WATER		MS	Chlorobenzene	1	104	78	118
	ST106-GW-10623-21012010MS	WATER		MS	Chloroethane	1	99	51	133
	ST106-GW-10623-21012010MS	WATER		MS	Chloroform	1	104	78	118

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	ST106-GW-10623-21012010MS	WATER	2514823	MS	Chloromethane	1	86	46	142
	ST106-GW-10623-21012010MS	WATER		MS	Cis-1,2-DCE	1	108	75	115
	ST106-GW-10623-21012010MS	WATER		MS	cis-1,3-Dichloropropene	1	101	76	113
	ST106-GW-10623-21012010MS	WATER		MS	Dibromochloromethane	1	105	76	116
	ST106-GW-10623-21012010MS	WATER		MS	Dibromofluoromethane	1	108	77	119
	ST106-GW-10623-21012010MS	WATER		MS	Dibromomethane	1	106	77	117
	ST106-GW-10623-21012010MS	WATER		MS	Dichlorodifluoromethane	1	100	56	140
	ST106-GW-10623-21012010MS	WATER		MS	Ethylbenzene	1	109	78	118
	ST106-GW-10623-21012010MS	WATER		MS	Hexachlorobutadiene	1	110	73	123
	ST106-GW-10623-21012010MS	WATER		MS	Isopropylbenzene	1	113	71	113
	ST106-GW-10623-21012010MS	WATER		MS	m,p-Xylene	1	107	78	118
	ST106-GW-10623-21012010MS	WATER		MS	Methyl tert-Butyl Ether	1	112	58	116
	ST106-GW-10623-21012010MS	WATER		MS	Methylene chloride	1	97.5	71	119
	ST106-GW-10623-21012010MS	WATER		MS	Naphthalene	1	103	62	121
	ST106-GW-10623-21012010MS	WATER		MS	n-Butylbenzene	1	116	76	117
	ST106-GW-10623-21012010MS	WATER		MS	n-Propylbenzene	1	114	76	116
	ST106-GW-10623-21012010MS	WATER		MS	o-Xylene	1	114	77	117
	ST106-GW-10623-21012010MS	WATER		MS	p-Isopropyltoluene	1	107	76	113
	ST106-GW-10623-21012010MS	WATER		MS	Sec-Butylbenzene	1	114	80	120
	ST106-GW-10623-21012010MS	WATER		MS	Styrene	1	103	77	117
	ST106-GW-10623-21012010MS	WATER		MS	tert-Butylbenzene	1	114	76	116
	ST106-GW-10623-21012010MS	WATER		MS	Tetrachloroethene	1	110	77	117
	ST106-GW-10623-21012010MS	WATER		MS	Toluene	1	112	73	120
	ST106-GW-10623-21012010MS	WATER		MS	Toluene-d8	1	108	83	125
	ST106-GW-10623-21012010MS	WATER		MS	trans-1,2-Dichloroethene	1	108	80	120
	ST106-GW-10623-21012010MS	WATER		MS	trans-1,3-Dichloropropene	1	98.5	72	117
	ST106-GW-10623-21012010MS	WATER		MS	Trichloroethene	1	109	78	122
	ST106-GW-10623-21012010MS	WATER		MS	Trichlorofluoromethane	1	111	65	190
	ST106-GW-10623-21012010MS	WATER		MS	Vinyl chloride	1	102	49	136
	ST106-GW-10623-21012010MS	WATER		MS	Xylenes, Total	1	108	77	117
	ST106-GW-10623-21012010MSD	WATER		SD	1,1,1,2-Tetrachloroethane	1	104	77	117
	ST106-GW-10623-21012010MSD	WATER		SD	1,1,1-Trichloroethane	1	108	78	118
	ST106-GW-10623-21012010MSD	WATER		SD	1,1,2,2-Tetrachloroethane	1	98	73	119
	ST106-GW-10623-21012010MSD	WATER		SD	1,1,2-Trichloroethane	1	103	76	116
	ST106-GW-10623-21012010MSD	WATER		SD	1,1-Dichloroethane	1	102	77	117
	ST106-GW-10623-21012010MSD	WATER		SD	1,1-Dichloroethene	1	98.5	66	133
	ST106-GW-10623-21012010MSD	WATER		SD	1,1-Dichloropropene	1	106	75	115
	ST106-GW-10623-21012010MSD	WATER		SD	1,2,3-Trichlorobenzene	1	108	66	123
	ST106-GW-10623-21012010MSD	WATER		SD	1,2,3-Trichloropropane	1	96	84	118
	ST106-GW-10623-21012010MSD	WATER		SD	1,2,4-Trichlorobenzene	1	110	73	121
	ST106-GW-10623-21012010MSD	WATER		SD	1,2,4-Trimethylbenzene	1	108	77	120
	ST106-GW-10623-21012010MSD	WATER		SD	1,2-Dibromo-3-chloropropane	1	96	65	117

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	ST106-GW-10623-21012010MSD	WATER	2514823	SD	1,2-Dibromoethane	1	101	77	117
	ST106-GW-10623-21012010MSD	WATER		SD	1,2-Dichlorobenzene	1	103	76	116
	ST106-GW-10623-21012010MSD	WATER		SD	1,2-Dichloroethane	1	102	74	120
	ST106-GW-10623-21012010MSD	WATER		SD	1,2-Dichloroethane-d4	1	108	70	127
	ST106-GW-10623-21012010MSD	WATER		SD	1,2-Dichloropropane	1	100	76	116
	ST106-GW-10623-21012010MSD	WATER		SD	1,3,5-Trimethylbenzene	1	109	77	117
	ST106-GW-10623-21012010MSD	WATER		SD	1,3-Dichlorobenzene	1	104	75	115
	ST106-GW-10623-21012010MSD	WATER		SD	1,3-Dichloropropane	1	102	75	115
	ST106-GW-10623-21012010MSD	WATER		SD	1,4-Dichlorobenzene	1	104	77	117
	ST106-GW-10623-21012010MSD	WATER		SD	2,2-Dichloropropane	1	118	72	128
	ST106-GW-10623-21012010MSD	WATER		SD	2-Butanone	1	99.2	57	120
	ST106-GW-10623-21012010MSD	WATER		SD	2-Chlorotoluene	1	106	76	116
	ST106-GW-10623-21012010MSD	WATER		SD	2-Hexanone	1	94	57	121
	ST106-GW-10623-21012010MSD	WATER		SD	4-Bromofluorobenzene	1	106	78	118
	ST106-GW-10623-21012010MSD	WATER		SD	4-Bromofluorobenzene	1	106	78	118
	ST106-GW-10623-21012010MSD	WATER		SD	4-Chlorotoluene	1	104	78	118
	ST106-GW-10623-21012010MSD	WATER		SD	4-Methyl-2-Pentanone	1	99.2	65	118
	ST106-GW-10623-21012010MSD	WATER		SD	Acetone	1	79	48	130
	ST106-GW-10623-21012010MSD	WATER		SD	Benzene	1	102	77	118
	ST106-GW-10623-21012010MSD	WATER		SD	Bromobenzene	1	103	75	115
	ST106-GW-10623-21012010MSD	WATER		SD	Bromochloromethane	1	98.5	78	118
	ST106-GW-10623-21012010MSD	WATER		SD	Bromodichloromethane	1	104	78	118
	ST106-GW-10623-21012010MSD	WATER		SD	Bromoform	1	102	74	121
	ST106-GW-10623-21012010MSD	WATER		SD	Bromomethane	1	102	42	154
	ST106-GW-10623-21012010MSD	WATER		SD	Carbon Disulfide	1	102	56	104
	ST106-GW-10623-21012010MSD	WATER		SD	Carbon tetrachloride	1	104	80	120
	ST106-GW-10623-21012010MSD	WATER		SD	Chlorobenzene	1	101	78	118
	ST106-GW-10623-21012010MSD	WATER		SD	Chloroethane	1	99	51	133
	ST106-GW-10623-21012010MSD	WATER		SD	Chloroform	1	99	78	118
	ST106-GW-10623-21012010MSD	WATER		SD	Chloromethane	1	87.5	46	142
	ST106-GW-10623-21012010MSD	WATER		SD	Cis-1,2-DCE	1	104	75	115
	ST106-GW-10623-21012010MSD	WATER		SD	cis-1,3-Dichloropropene	1	99	76	113
	ST106-GW-10623-21012010MSD	WATER		SD	Dibromochloromethane	1	104	76	116
	ST106-GW-10623-21012010MSD	WATER		SD	Dibromofluoromethane	1	108	77	119
	ST106-GW-10623-21012010MSD	WATER		SD	Dibromomethane	1	102	77	117
	ST106-GW-10623-21012010MSD	WATER		SD	Dichlorodifluoromethane	1	96	56	140
	ST106-GW-10623-21012010MSD	WATER		SD	Ethylbenzene	1	104	78	118
	ST106-GW-10623-21012010MSD	WATER		SD	Hexachlorobutadiene	1	112	73	123
	ST106-GW-10623-21012010MSD	WATER		SD	Isopropylbenzene	1	108	71	113
	ST106-GW-10623-21012010MSD	WATER		SD	m,p-Xylene	1	103	78	118
	ST106-GW-10623-21012010MSD	WATER		SD	Methyl tert-Butyl Ether	1	108	58	116
	ST106-GW-10623-21012010MSD	WATER		SD	Methylene chloride	1	101	71	119

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	ST106-GW-10623-21012010MSD	WATER	2514823	SD	Naphthalene	1	104	62	121
	ST106-GW-10623-21012010MSD	WATER		SD	n-Butylbenzene	1	112	76	117
	ST106-GW-10623-21012010MSD	WATER		SD	n-Propylbenzene	1	112	76	116
	ST106-GW-10623-21012010MSD	WATER		SD	o-Xylene	1	110	77	117
	ST106-GW-10623-21012010MSD	WATER		SD	p-Isopropyltoluene	1	105	76	113
	ST106-GW-10623-21012010MSD	WATER		SD	Sec-Butylbenzene	1	112	80	120
	ST106-GW-10623-21012010MSD	WATER		SD	Styrene	1	100	77	117
	ST106-GW-10623-21012010MSD	WATER		SD	tert-Butylbenzene	1	112	76	116
	ST106-GW-10623-21012010MSD	WATER		SD	Tetrachloroethene	1	104	77	117
	ST106-GW-10623-21012010MSD	WATER		SD	Toluene	1	107	73	120
	ST106-GW-10623-21012010MSD	WATER		SD	Toluene-d8	1	109	83	125
	ST106-GW-10623-21012010MSD	WATER		SD	trans-1,2-Dichloroethene	1	103	80	120
	ST106-GW-10623-21012010MSD	WATER		SD	trans-1,3-Dichloropropene	1	97	72	117
	ST106-GW-10623-21012010MSD	WATER		SD	Trichloroethene	1	104	78	122
	ST106-GW-10623-21012010MSD	WATER		SD	Trichlorofluoromethane	1	107	65	190
	ST106-GW-10623-21012010MSD	WATER		SD	Vinyl chloride	1	94	49	136
	ST106-GW-10623-21012010MSD	WATER		SD	Xylenes, Total	1	105	77	117
SW8270C									
	ST106-GW-10623-21012010MS	WATER	2514823	MS	1,2-Dichlorobenzene	1	87.2	40	100
	ST106-GW-10623-21012010MS	WATER		MS	1,2-Dichlorobenzene	1	88.5	40	100
	ST106-GW-10623-21012010MS	WATER		MS	1,2-Diphenylhydrazine	1	97.6	55	120
	ST106-GW-10623-21012010MS	WATER		MS	1,2-Diphenylhydrazine	1	98.1	55	120
	ST106-GW-10623-21012010MS	WATER		MS	1,3-Dinitrobenzene	1	100	45	135
	ST106-GW-10623-21012010MS	WATER		MS	1,3-Dinitrobenzene	1	92.3	45	135
	ST106-GW-10623-21012010MS	WATER		MS	2,4,5-Trichlorophenol	1	100	50	110
	ST106-GW-10623-21012010MS	WATER		MS	2,4,5-Trichlorophenol	1	93.9	50	110
	ST106-GW-10623-21012010MS	WATER		MS	2,4,6-Tribromophenol	1	97.6	10	122
	ST106-GW-10623-21012010MS	WATER		MS	2,4,6-Tribromophenol	1	102	10	122
	ST106-GW-10623-21012010MS	WATER		MS	2,4,6-Trichlorophenol	1	99.8	53	115
	ST106-GW-10623-21012010MS	WATER		MS	2,4,6-Trichlorophenol	1	100	53	115
	ST106-GW-10623-21012010MS	WATER		MS	2,4-Dichlorophenol	1	98.8	59	120
	ST106-GW-10623-21012010MS	WATER		MS	2,4-Dichlorophenol	1	93.7	59	120
	ST106-GW-10623-21012010MS	WATER		MS	2,4-Dimethylphenol	1	106	47	110
	ST106-GW-10623-21012010MS	WATER		MS	2,4-Dimethylphenol	1	100	47	110
	ST106-GW-10623-21012010MS	WATER		MS	2,4-Dinitrophenol	1	86.5	56	140
	ST106-GW-10623-21012010MS	WATER		MS	2,4-Dinitrophenol	1	84.7	56	140
	ST106-GW-10623-21012010MS	WATER		MS	2,4-Dinitrophenol	1	84.7	56	140
	ST106-GW-10623-21012010MS	WATER		MS	2,4-Dinitrophenol	1	86.5	56	140
	ST106-GW-10623-21012010MS	WATER		MS	2,4-Dinitrotoluene	1	98.3	69	120
	ST106-GW-10623-21012010MS	WATER		MS	2,4-Dinitrotoluene	1	102	69	120
	ST106-GW-10623-21012010MS	WATER		MS	2,6-Dinitrotoluene	1	98.8	69	115
	ST106-GW-10623-21012010MS	WATER		MS	2,6-Dinitrotoluene	1	98.3	69	115

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C									
	ST106-GW-10623-21012010MS	WATER	2514823	MS	2-Chloronaphthalene	1	96.1	35	105
	ST106-GW-10623-21012010MS	WATER		MS	2-Chloronaphthalene	1	91.7	35	105
	ST106-GW-10623-21012010MS	WATER		MS	2-Chlorophenol	1	93.7	51	105
	ST106-GW-10623-21012010MS	WATER		MS	2-Chlorophenol	1	91.5	51	105
	ST106-GW-10623-21012010MS	WATER		MS	2-Fluorobiphenyl	1	87.6	43	116
	ST106-GW-10623-21012010MS	WATER		MS	2-Fluorobiphenyl	1	89.4	43	116
	ST106-GW-10623-21012010MS	WATER		MS	2-Fluorophenol	1	70.7	21	120
	ST106-GW-10623-21012010MS	WATER		MS	2-Fluorophenol	1	64.3	21	120
	ST106-GW-10623-21012010MS	WATER		MS	2-Methylnaphthalene	1	92	57	105
	ST106-GW-10623-21012010MS	WATER		MS	2-Methylnaphthalene	1	95.7	57	105
	ST106-GW-10623-21012010MS	WATER		MS	2-Methylphenol	1	82.9	47	110
	ST106-GW-10623-21012010MS	WATER		MS	2-Methylphenol	1	82.6	47	110
	ST106-GW-10623-21012010MS	WATER		MS	2-Nitroaniline	1	91.8	66	115
	ST106-GW-10623-21012010MS	WATER		MS	2-Nitroaniline	1	93.2	66	115
	ST106-GW-10623-21012010MS	WATER		MS	2-Nitrophenol	1	97.1	48	115
	ST106-GW-10623-21012010MS	WATER		MS	2-Nitrophenol	1	98.1	48	115
	ST106-GW-10623-21012010MS	WATER		MS	3,3'-Dichlorobenzidine	1	97.2	55	110
	ST106-GW-10623-21012010MS	WATER		MS	3,3'-Dichlorobenzidine	1	99	55	110
	ST106-GW-10623-21012010MS	WATER		MS	3-Nitroaniline	1	98.6	61	125
	ST106-GW-10623-21012010MS	WATER		MS	3-Nitroaniline	1	101	61	125
	ST106-GW-10623-21012010MS	WATER		MS	4,6-Dinitro-2-methylphenol	1	95.4	44	130
	ST106-GW-10623-21012010MS	WATER		MS	4,6-Dinitro-2-methylphenol	1	95.4	44	130
	ST106-GW-10623-21012010MS	WATER		MS	4,6-Dinitro-2-methylphenol	1	91.3	44	130
	ST106-GW-10623-21012010MS	WATER		MS	4,6-Dinitro-2-methylphenol	1	91.3	44	130
	ST106-GW-10623-21012010MS	WATER		**MS**	**4-Bromophenyl phenyl ether**	1	**114**	**54**	**113**
	ST106-GW-10623-21012010MS	WATER		MS	4-Bromophenyl phenyl ether	1	102	54	113
	ST106-GW-10623-21012010MS	WATER		MS	4-Chloro-3-methylphenol	1	93.9	55	110
	ST106-GW-10623-21012010MS	WATER		MS	4-Chloro-3-methylphenol	1	95.7	55	110
	ST106-GW-10623-21012010MS	WATER		MS	4-Chloroaniline	1	94.1	52	110
	ST106-GW-10623-21012010MS	WATER		MS	4-Chloroaniline	1	99.5	52	110
	ST106-GW-10623-21012010MS	WATER		MS	4-Chlorophenyl phenyl ether	1	102	60	110
	ST106-GW-10623-21012010MS	WATER		MS	4-Chlorophenyl phenyl ether	1	106	60	110
	ST106-GW-10623-21012010MS	WATER		MS	4-Methylphenol	1	68.6	37	110
	ST106-GW-10623-21012010MS	WATER		MS	4-Methylphenol	1	78.8	37	110
	ST106-GW-10623-21012010MS	WATER		**MS**	**4-Nitroaniline**	1	**123**	**67**	**120**
	ST106-GW-10623-21012010MS	WATER		MS	4-Nitroaniline	1	111	67	120
	ST106-GW-10623-21012010MS	WATER		MS	4-Nitrophenol	1	44.9	27	80
	ST106-GW-10623-21012010MS	WATER		MS	4-Nitrophenol	1	54.6	27	80
	ST106-GW-10623-21012010MS	WATER		MS	Acenaphthene	1	95.2	60	110
	ST106-GW-10623-21012010MS	WATER		MS	Acenaphthene	1	95.2	60	110
	ST106-GW-10623-21012010MS	WATER		MS	Acenaphthene	1	92.2	60	110
	ST106-GW-10623-21012010MS	WATER		MS	Acenaphthene	1	92.2	60	110

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C									
	ST106-GW-10623-21012010MS	WATER	2514823	MS	Acenaphthylene	1	98.1	58	105
	ST106-GW-10623-21012010MS	WATER		MS	Acenaphthylene	1	95.4	58	105
	ST106-GW-10623-21012010MS	WATER		MS	Anthracene	1	106	63	110
	ST106-GW-10623-21012010MS	WATER		MS	Anthracene	1	103	63	110
	ST106-GW-10623-21012010MS	WATER		MS	Anthracene	1	106	63	110
	ST106-GW-10623-21012010MS	WATER		MS	Anthracene	1	103	63	110
	ST106-GW-10623-21012010MS	WATER		MS	Benzidine	1	61	0	98
	ST106-GW-10623-21012010MS	WATER		MS	Benzidine	1	53.3	0	98
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (a) anthracene	1	95.1	63	110
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (a) anthracene	1	95.1	63	110
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (a) anthracene	1	97.8	63	110
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (a) anthracene	1	97.8	63	110
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (a) pyrene	1	100	60	110
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (a) pyrene	1	105	60	110
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (b) fluoranthene	1	106	60	120
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (b) fluoranthene	1	105	60	120
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (g,h,i) perylene	1	103	40	125
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (g,h,i) perylene	1	103	40	125
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (g,h,i) perylene	1	104	40	125
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (g,h,i) perylene	1	104	40	125
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (k) fluoranthene	1	92.2	54	125
	ST106-GW-10623-21012010MS	WATER		MS	Benzo (k) fluoranthene	1	112	54	125
	ST106-GW-10623-21012010MS	WATER		**MS**	**Benzoic acid**	1	**0**	**10**	**60**
	ST106-GW-10623-21012010MS	WATER		**MS**	**Benzoic acid**	1	**0**	**10**	**60**
	ST106-GW-10623-21012010MS	WATER		MS	Benzoic acid	1	23.2	10	60
	ST106-GW-10623-21012010MS	WATER		MS	Benzoic acid	1	23.2	10	60
	ST106-GW-10623-21012010MS	WATER		**MS**	**Bis (2-chloroethoxy) methane**	1	**113**	**61**	**105**
	ST106-GW-10623-21012010MS	WATER		**MS**	**Bis (2-chloroethoxy) methane**	1	**106**	**61**	**105**
	ST106-GW-10623-21012010MS	WATER		MS	Bis (2-chloroethyl) ether	1	106	62	110
	ST106-GW-10623-21012010MS	WATER		**MS**	**Bis (2-chloroethyl) ether**	1	**113**	**62**	**110**
	ST106-GW-10623-21012010MS	WATER		MS	Bis (2-ethylhexyl) phthalate	1	105	63	125
	ST106-GW-10623-21012010MS	WATER		**MS**	**Bis (2-ethylhexyl) phthalate**	1	**142**	**63**	**125**
	ST106-GW-10623-21012010MS	WATER		MS	Butyl benzylphthalate	1	109	64	115
	ST106-GW-10623-21012010MS	WATER		**MS**	**Butyl benzylphthalate**	1	**121**	**64**	**115**
	ST106-GW-10623-21012010MS	WATER		MS	Chrysene	1	95.1	60	110
	ST106-GW-10623-21012010MS	WATER		MS	Chrysene	1	99	60	110
	ST106-GW-10623-21012010MS	WATER		MS	Dibenzo (a,h) anthracene	1	110	41	125
	ST106-GW-10623-21012010MS	WATER		MS	Dibenzo (a,h) anthracene	1	106	41	125
	ST106-GW-10623-21012010MS	WATER		MS	Dibenzofuran	1	96.1	64	105
	ST106-GW-10623-21012010MS	WATER		MS	Dibenzofuran	1	93.2	64	105
	ST106-GW-10623-21012010MS	WATER		MS	Diethyl phthalate	1	108	64	120
	ST106-GW-10623-21012010MS	WATER		MS	Diethyl phthalate	1	109	64	120

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C									
	ST106-GW-10623-21012010MS	WATER	2514823	MS	Dimethyl phthalate	1	105	62	125
	ST106-GW-10623-21012010MS	WATER		MS	Dimethyl phthalate	1	107	62	125
	ST106-GW-10623-21012010MS	WATER		MS	Di-n-butylphthalate	1	106	65	115
	ST106-GW-10623-21012010MS	WATER		MS	Di-n-butylphthalate	1	109	65	115
	ST106-GW-10623-21012010MS	WATER		MS	Di-n-octylphthalate	1	110	57	135
	ST106-GW-10623-21012010MS	WATER		**MS**	**Di-n-octylphthalate**	1	**145**	**57**	**135**
	ST106-GW-10623-21012010MS	WATER		MS	Fluoranthene	1	97.6	64	115
	ST106-GW-10623-21012010MS	WATER		MS	Fluoranthene	1	104	64	115
	ST106-GW-10623-21012010MS	WATER		MS	Fluorene	1	94.4	62	110
	ST106-GW-10623-21012010MS	WATER		MS	Fluorene	1	94.4	62	110
	ST106-GW-10623-21012010MS	WATER		MS	Fluorene	1	93.9	62	110
	ST106-GW-10623-21012010MS	WATER		MS	Fluorene	1	93.9	62	110
	ST106-GW-10623-21012010MS	WATER		MS	Hexachlorobenzene	1	96.4	68	110
	ST106-GW-10623-21012010MS	WATER		MS	Hexachlorobenzene	1	90.2	68	110
	ST106-GW-10623-21012010MS	WATER		MS	Hexachlorobutadiene	1	94.9	42	105
	ST106-GW-10623-21012010MS	WATER		MS	Hexachlorobutadiene	1	90	42	105
	ST106-GW-10623-21012010MS	WATER		MS	Hexachlorocyclopentadiene	1	79.5	27	139
	ST106-GW-10623-21012010MS	WATER		MS	Hexachlorocyclopentadiene	1	90.8	27	139
	ST106-GW-10623-21012010MS	WATER		MS	Hexachloroethane	1	83.9	32	95
	ST106-GW-10623-21012010MS	WATER		MS	Hexachloroethane	1	83.3	32	95
	ST106-GW-10623-21012010MS	WATER		MS	Indeno (1,2,3-c,d) pyrene	1	108	45	125
	ST106-GW-10623-21012010MS	WATER		MS	Indeno (1,2,3-c,d) pyrene	1	108	45	125
	ST106-GW-10623-21012010MS	WATER		MS	Indeno (1,2,3-c,d) pyrene	1	97.1	45	125
	ST106-GW-10623-21012010MS	WATER		MS	Indeno (1,2,3-c,d) pyrene	1	97.1	45	125
	ST106-GW-10623-21012010MS	WATER		MS	Naphthalene	1	95.7	50	100
	ST106-GW-10623-21012010MS	WATER		MS	Naphthalene	1	95.7	50	100
	ST106-GW-10623-21012010MS	WATER		MS	Naphthalene	1	91.5	50	100
	ST106-GW-10623-21012010MS	WATER		MS	Naphthalene	1	91.5	50	100
	ST106-GW-10623-21012010MS	WATER		MS	Nitrobenzene	1	93.2	61	110
	ST106-GW-10623-21012010MS	WATER		MS	Nitrobenzene	1	92.4	61	110
	ST106-GW-10623-21012010MS	WATER		MS	Nitrobenzene-d5	1	92.5	35	114
	ST106-GW-10623-21012010MS	WATER		MS	Nitrobenzene-d5	1	92.4	35	114
	ST106-GW-10623-21012010MS	WATER		MS	n-Nitrosodi-n-propylamine	1	107	57	120
	ST106-GW-10623-21012010MS	WATER		MS	n-Nitrosodi-n-propylamine	1	107	57	120
	ST106-GW-10623-21012010MS	WATER		MS	n-Nitrosodiphenylamine	1	104	71	110
	ST106-GW-10623-21012010MS	WATER		**MS**	**n-Nitrosodiphenylamine**	1	**112**	**71**	**110**
	ST106-GW-10623-21012010MS	WATER		MS	Pentachlorophenol	1	88.4	41	115
	ST106-GW-10623-21012010MS	WATER		MS	Pentachlorophenol	1	95.6	41	115
	ST106-GW-10623-21012010MS	WATER		MS	Phenanthrene	1	92.7	61	115
	ST106-GW-10623-21012010MS	WATER		MS	Phenanthrene	1	95.9	61	115
	ST106-GW-10623-21012010MS	WATER		MS	Phenanthrene	1	92.7	61	115
	ST106-GW-10623-21012010MS	WATER		MS	Phenanthrene	1	95.9	61	115

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C									
	ST106-GW-10623-21012010MS	WATER	2514823	MS	Phenol	1	50.2	30	74
	ST106-GW-10623-21012010MS	WATER		MS	Phenol	1	48.3	30	74
	ST106-GW-10623-21012010MS	WATER		MS	Phenol	1	50.2	30	74
	ST106-GW-10623-21012010MS	WATER		MS	Phenol	1	48.3	30	74
	ST106-GW-10623-21012010MS	WATER		MS	Phenol-d5	1	43.5	10	94
	ST106-GW-10623-21012010MS	WATER		MS	Phenol-d5	1	39	10	94
	ST106-GW-10623-21012010MS	WATER		MS	Pyrene	1	98.3	62	130
	ST106-GW-10623-21012010MS	WATER		MS	Pyrene	1	98.3	62	130
	ST106-GW-10623-21012010MS	WATER		MS	Pyrene	1	87.3	62	130
	ST106-GW-10623-21012010MS	WATER		MS	Pyrene	1	87.3	62	130
	ST106-GW-10623-21012010MS	WATER		MS	Terphenyl-d14	1	86	33	141
	ST106-GW-10623-21012010MS	WATER		MS	Terphenyl-d14	1	86	33	141
	ST106-GW-10623-21012010MS	WATER		MS	Terphenyl-d14	1	95.2	33	141
	ST106-GW-10623-21012010MS	WATER		MS	Terphenyl-d14	1	95.2	33	141
	ST106-GW-10623-21012010MSD	WATER		SD	1,2-Dichlorobenzene	1	79.1	40	100
	ST106-GW-10623-21012010MSD	WATER		SD	1,2-Dichlorobenzene	1	84.7	40	100
	ST106-GW-10623-21012010MSD	WATER		SD	1,2-Diphenylhydrazine	1	95.8	55	120
	ST106-GW-10623-21012010MSD	WATER		SD	1,2-Diphenylhydrazine	1	90.5	55	120
	ST106-GW-10623-21012010MSD	WATER		SD	1,3-Dinitrobenzene	1	99.1	45	135
	ST106-GW-10623-21012010MSD	WATER		SD	1,3-Dinitrobenzene	1	87.1	45	135
	ST106-GW-10623-21012010MSD	WATER		SD	2,4,5-Trichlorophenol	1	95.1	50	110
	ST106-GW-10623-21012010MSD	WATER		SD	2,4,5-Trichlorophenol	1	93	50	110
	ST106-GW-10623-21012010MSD	WATER		SD	2,4,6-Tribromophenol	1	94.7	10	122
	ST106-GW-10623-21012010MSD	WATER		SD	2,4,6-Tribromophenol	1	96.2	10	122
	ST106-GW-10623-21012010MSD	WATER		SD	2,4,6-Trichlorophenol	1	94.7	53	115
	ST106-GW-10623-21012010MSD	WATER		SD	2,4,6-Trichlorophenol	1	99.1	53	115
	ST106-GW-10623-21012010MSD	WATER		SD	2,4-Dichlorophenol	1	91.3	59	120
	ST106-GW-10623-21012010MSD	WATER		SD	2,4-Dichlorophenol	1	91	59	120
	ST106-GW-10623-21012010MSD	WATER		SD	2,4-Dimethylphenol	1	98.4	47	110
	ST106-GW-10623-21012010MSD	WATER		SD	2,4-Dimethylphenol	1	102	47	110
	ST106-GW-10623-21012010MSD	WATER		SD	2,4-Dinitrophenol	1	96.7	56	140
	ST106-GW-10623-21012010MSD	WATER		SD	2,4-Dinitrophenol	1	111	56	140
	ST106-GW-10623-21012010MSD	WATER		SD	2,4-Dinitrophenol	1	96.7	56	140
	ST106-GW-10623-21012010MSD	WATER		SD	2,4-Dinitrophenol	1	111	56	140
	ST106-GW-10623-21012010MSD	WATER		SD	2,4-Dinitrotoluene	1	102	69	120
	ST106-GW-10623-21012010MSD	WATER		SD	2,4-Dinitrotoluene	1	93	69	120
	ST106-GW-10623-21012010MSD	WATER		SD	2,6-Dinitrotoluene	1	96.7	69	115
	ST106-GW-10623-21012010MSD	WATER		SD	2,6-Dinitrotoluene	1	92.7	69	115
	ST106-GW-10623-21012010MSD	WATER		SD	2-Chloronaphthalene	1	88.8	35	105
	ST106-GW-10623-21012010MSD	WATER		SD	2-Chloronaphthalene	1	91.8	35	105
	ST106-GW-10623-21012010MSD	WATER		SD	2-Chlorophenol	1	85.7	51	105
	ST106-GW-10623-21012010MSD	WATER		SD	2-Chlorophenol	1	92	51	105

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C									
	ST106-GW-10623-21012010MSD	WATER	2514823	SD	2-Fluorobiphenyl	1	85.8	43	116
	ST106-GW-10623-21012010MSD	WATER		SD	2-Fluorobiphenyl	1	84.3	43	116
	ST106-GW-10623-21012010MSD	WATER		SD	2-Fluorophenol	1	60.2	21	120
	ST106-GW-10623-21012010MSD	WATER		SD	2-Fluorophenol	1	68.1	21	120
	ST106-GW-10623-21012010MSD	WATER		SD	2-Methylnaphthalene	1	88.1	57	105
	ST106-GW-10623-21012010MSD	WATER		SD	2-Methylnaphthalene	1	89.7	57	105
	ST106-GW-10623-21012010MSD	WATER		SD	2-Methylphenol	1	77.7	47	110
	ST106-GW-10623-21012010MSD	WATER		SD	2-Methylphenol	1	81	47	110
	ST106-GW-10623-21012010MSD	WATER		SD	2-Nitroaniline	1	84.2	66	115
	ST106-GW-10623-21012010MSD	WATER		SD	2-Nitroaniline	1	91.5	66	115
	ST106-GW-10623-21012010MSD	WATER		SD	2-Nitrophenol	1	95.5	48	115
	ST106-GW-10623-21012010MSD	WATER		SD	2-Nitrophenol	1	95.1	48	115
	ST106-GW-10623-21012010MSD	WATER		SD	3,3'-Dichlorobenzidine	1	91	55	110
	ST106-GW-10623-21012010MSD	WATER		SD	3,3'-Dichlorobenzidine	1	93.8	55	110
	ST106-GW-10623-21012010MSD	WATER		SD	3-Nitroaniline	1	89.3	61	125
	ST106-GW-10623-21012010MSD	WATER		SD	3-Nitroaniline	1	96.7	61	125
	ST106-GW-10623-21012010MSD	WATER		SD	4,6-Dinitro-2-methylphenol	1	90.3	44	130
	ST106-GW-10623-21012010MSD	WATER		SD	4,6-Dinitro-2-methylphenol	1	96.2	44	130
	ST106-GW-10623-21012010MSD	WATER		SD	4,6-Dinitro-2-methylphenol	1	90.3	44	130
	ST106-GW-10623-21012010MSD	WATER		SD	4,6-Dinitro-2-methylphenol	1	96.2	44	130
	ST106-GW-10623-21012010MSD	WATER		SD	4-Bromophenyl phenyl ether	1	101	54	113
	ST106-GW-10623-21012010MSD	WATER		SD	4-Bromophenyl phenyl ether	1	103	54	113
	ST106-GW-10623-21012010MSD	WATER		SD	4-Chloro-3-methylphenol	1	88.1	55	110
	ST106-GW-10623-21012010MSD	WATER		SD	4-Chloro-3-methylphenol	1	93.7	55	110
	ST106-GW-10623-21012010MSD	WATER		SD	4-Chloroaniline	1	88.7	52	110
	ST106-GW-10623-21012010MSD	WATER		SD	4-Chloroaniline	1	90	52	110
	ST106-GW-10623-21012010MSD	WATER		SD	4-Chlorophenyl phenyl ether	1	102	60	110
	ST106-GW-10623-21012010MSD	WATER		SD	4-Chlorophenyl phenyl ether	1	100	60	110
	ST106-GW-10623-21012010MSD	WATER		SD	4-Methylphenol	1	65.5	37	110
	ST106-GW-10623-21012010MSD	WATER		SD	4-Methylphenol	1	72.8	37	110
	ST106-GW-10623-21012010MSD	WATER		SD	4-Nitroaniline	1	102	67	120
	ST106-GW-10623-21012010MSD	WATER		SD	4-Nitroaniline	1	118	67	120
	ST106-GW-10623-21012010MSD	WATER		SD	4-Nitrophenol	1	49.3	27	80
	ST106-GW-10623-21012010MSD	WATER		SD	4-Nitrophenol	1	47.4	27	80
	ST106-GW-10623-21012010MSD	WATER		SD	Acenaphthene	1	89.3	60	110
	ST106-GW-10623-21012010MSD	WATER		SD	Acenaphthene	1	89.3	60	110
	ST106-GW-10623-21012010MSD	WATER		SD	Acenaphthene	1	92.5	60	110
	ST106-GW-10623-21012010MSD	WATER		SD	Acenaphthene	1	92.5	60	110
	ST106-GW-10623-21012010MSD	WATER		SD	Acenaphthylene	1	94.8	58	105
	ST106-GW-10623-21012010MSD	WATER		SD	Acenaphthylene	1	91.5	58	105
	ST106-GW-10623-21012010MSD	WATER		SD	Anthracene	1	100	63	110
	ST106-GW-10623-21012010MSD	WATER		SD	Anthracene	1	100	63	110

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C									
	ST106-GW-10623-21012010MSD	WATER	2514823	SD	Anthracene	1	102	63	110
	ST106-GW-10623-21012010MSD	WATER		SD	Anthracene	1	102	63	110
	ST106-GW-10623-21012010MSD	WATER		SD	Benzidine	1	0	0	98
	ST106-GW-10623-21012010MSD	WATER		SD	Benzidine	1	66.2	0	98
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (a) anthracene	1	94.8	63	110
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (a) anthracene	1	94.8	63	110
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (a) anthracene	1	91.3	63	110
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (a) anthracene	1	91.3	63	110
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (a) pyrene	1	95.6	60	110
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (a) pyrene	1	98.1	60	110
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (b) fluoranthene	1	97.1	60	120
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (b) fluoranthene	1	99.8	60	120
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (g,h,i) perylene	1	103	40	125
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (g,h,i) perylene	1	97.3	40	125
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (g,h,i) perylene	1	103	40	125
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (g,h,i) perylene	1	97.3	40	125
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (k) fluoranthene	1	92.5	54	125
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo (k) fluoranthene	1	104	54	125
	ST106-GW-10623-21012010MSD	WATER		SD	Benzoic acid	1	41.5	10	60
	ST106-GW-10623-21012010MSD	WATER		SD	Benzoic acid	1	13.8	10	60
	ST106-GW-10623-21012010MSD	WATER		SD	Benzoic acid	1	13.8	10	60
	ST106-GW-10623-21012010MSD	WATER		SD	Benzoic acid	1	41.5	10	60
	ST106-GW-10623-21012010MSD	WATER		SD	Bis (2-chloroethoxy) methane	1	103	61	105
	ST106-GW-10623-21012010MSD	WATER		SD	Bis (2-chloroethoxy) methane	1	101	61	105
	ST106-GW-10623-21012010MSD	WATER		SD	Bis (2-chloroethyl) ether	1	100	62	110
	ST106-GW-10623-21012010MSD	WATER		SD	Bis (2-chloroethyl) ether	1	105	62	110
	ST106-GW-10623-21012010MSD	WATER		SD	Bis (2-ethylhexyl) phthalate	1	117	63	125
	ST106-GW-10623-21012010MSD	WATER		SD	Bis (2-ethylhexyl) phthalate	1	106	63	125
	ST106-GW-10623-21012010MSD	WATER		SD	Butyl benzylphthalate	1	108	64	115
	ST106-GW-10623-21012010MSD	WATER		SD	Butyl benzylphthalate	1	113	64	115
	ST106-GW-10623-21012010MSD	WATER		SD	Chrysene	1	92.5	60	110
	ST106-GW-10623-21012010MSD	WATER		SD	Chrysene	1	92.3	60	110
	ST106-GW-10623-21012010MSD	WATER		SD	Dibenzo (a,h) anthracene	1	106	41	125
	ST106-GW-10623-21012010MSD	WATER		SD	Dibenzo (a,h) anthracene	1	96.6	41	125
	ST106-GW-10623-21012010MSD	WATER		SD	Dibenzofuran	1	93.4	64	105
	ST106-GW-10623-21012010MSD	WATER		SD	Dibenzofuran	1	90.5	64	105
	ST106-GW-10623-21012010MSD	WATER		SD	Diethyl phthalate	1	105	64	120
	ST106-GW-10623-21012010MSD	WATER		SD	Diethyl phthalate	1	107	64	120
	ST106-GW-10623-21012010MSD	WATER		SD	Dimethyl phthalate	1	104	62	125
	ST106-GW-10623-21012010MSD	WATER		SD	Dimethyl phthalate	1	100	62	125
	ST106-GW-10623-21012010MSD	WATER		SD	Di-n-butylphthalate	1	103	65	115
	ST106-GW-10623-21012010MSD	WATER		SD	Di-n-butylphthalate	1	105	65	115

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C									
	ST106-GW-10623-21012010MSD	WATER	2514823	SD	Di-n-octylphthalate	1	110	57	135
	ST106-GW-10623-21012010MSD	WATER		SD	Di-n-octylphthalate	1	116	57	135
	ST106-GW-10623-21012010MSD	WATER		SD	Fluoranthene	1	102	64	115
	ST106-GW-10623-21012010MSD	WATER		SD	Fluoranthene	1	90.3	64	115
	ST106-GW-10623-21012010MSD	WATER		SD	Fluorene	1	89.6	62	110
	ST106-GW-10623-21012010MSD	WATER		SD	Fluorene	1	89.6	62	110
	ST106-GW-10623-21012010MSD	WATER		SD	Fluorene	1	93.9	62	110
	ST106-GW-10623-21012010MSD	WATER		SD	Fluorene	1	93.9	62	110
	ST106-GW-10623-21012010MSD	WATER		SD	Hexachlorobenzene	1	90.1	68	110
	ST106-GW-10623-21012010MSD	WATER		SD	Hexachlorobenzene	1	88.1	68	110
	ST106-GW-10623-21012010MSD	WATER		SD	Hexachlorobutadiene	1	86.4	42	105
	ST106-GW-10623-21012010MSD	WATER		SD	Hexachlorobutadiene	1	81.1	42	105
	ST106-GW-10623-21012010MSD	WATER		SD	Hexachlorocyclopentadiene	1	80.8	27	139
	ST106-GW-10623-21012010MSD	WATER		SD	Hexachlorocyclopentadiene	1	78.2	27	139
	ST106-GW-10623-21012010MSD	WATER		SD	Hexachloroethane	1	79.6	32	95
	ST106-GW-10623-21012010MSD	WATER		SD	Hexachloroethane	1	70.9	32	95
	ST106-GW-10623-21012010MSD	WATER		SD	Indeno (1,2,3-c,d) pyrene	1	89.1	45	125
	ST106-GW-10623-21012010MSD	WATER		SD	Indeno (1,2,3-c,d) pyrene	1	89.1	45	125
	ST106-GW-10623-21012010MSD	WATER		SD	Indeno (1,2,3-c,d) pyrene	1	108	45	125
	ST106-GW-10623-21012010MSD	WATER		SD	Indeno (1,2,3-c,d) pyrene	1	108	45	125
	ST106-GW-10623-21012010MSD	WATER		SD	Naphthalene	1	90.6	50	100
	ST106-GW-10623-21012010MSD	WATER		SD	Naphthalene	1	87.9	50	100
	ST106-GW-10623-21012010MSD	WATER		SD	Naphthalene	1	90.6	50	100
	ST106-GW-10623-21012010MSD	WATER		SD	Naphthalene	1	87.9	50	100
	ST106-GW-10623-21012010MSD	WATER		SD	Nitrobenzene	1	90.8	61	110
	ST106-GW-10623-21012010MSD	WATER		SD	Nitrobenzene	1	84.5	61	110
	ST106-GW-10623-21012010MSD	WATER		SD	Nitrobenzene-d5	1	90.1	35	114
	ST106-GW-10623-21012010MSD	WATER		SD	Nitrobenzene-d5	1	87.2	35	114
	ST106-GW-10623-21012010MSD	WATER		SD	n-Nitrosodi-n-propylamine	1	102	57	120
	ST106-GW-10623-21012010MSD	WATER		SD	n-Nitrosodi-n-propylamine	1	103	57	120
	ST106-GW-10623-21012010MSD	WATER		SD	n-Nitrosodiphenylamine	1	100	71	110
	ST106-GW-10623-21012010MSD	WATER		SD	n-Nitrosodiphenylamine	1	104	71	110
	ST106-GW-10623-21012010MSD	WATER		SD	Pentachlorophenol	1	96.8	41	115
	ST106-GW-10623-21012010MSD	WATER		SD	Pentachlorophenol	1	114	41	115
	ST106-GW-10623-21012010MSD	WATER		SD	Phenanthrene	1	92	61	115
	ST106-GW-10623-21012010MSD	WATER		SD	Phenanthrene	1	92	61	115
	ST106-GW-10623-21012010MSD	WATER		SD	Phenanthrene	1	90.5	61	115
	ST106-GW-10623-21012010MSD	WATER		SD	Phenanthrene	1	90.5	61	115
	ST106-GW-10623-21012010MSD	WATER		SD	Phenol	1	44.4	30	74
	ST106-GW-10623-21012010MSD	WATER		SD	Phenol	1	46.9	30	74
	ST106-GW-10623-21012010MSD	WATER		SD	Phenol	1	44.4	30	74
	ST106-GW-10623-21012010MSD	WATER		SD	Phenol	1	46.9	30	74

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8270C									
	ST106-GW-10623-21012010MSD	WATER	2514823	SD	Phenol-d5	1	36.6	10	94
	ST106-GW-10623-21012010MSD	WATER		SD	Phenol-d5	1	41.3	10	94
	ST106-GW-10623-21012010MSD	WATER		SD	Pyrene	1	88.7	62	130
	ST106-GW-10623-21012010MSD	WATER		SD	Pyrene	1	88.7	62	130
	ST106-GW-10623-21012010MSD	WATER		SD	Pyrene	1	92.7	62	130
	ST106-GW-10623-21012010MSD	WATER		SD	Pyrene	1	92.7	62	130
	ST106-GW-10623-21012010MSD	WATER		SD	Terphenyl-d14	1	94	33	141
	ST106-GW-10623-21012010MSD	WATER		SD	Terphenyl-d14	1	94	33	141
	ST106-GW-10623-21012010MSD	WATER		SD	Terphenyl-d14	1	81	33	141
	ST106-GW-10623-21012010MSD	WATER		SD	Terphenyl-d14	1	81	33	141
SW8310									
	ST106-GW-10622-13102009MS	WATER	2513858	MS	1-Methylnaphthalene	1	91	68	114
	ST106-GW-10622-13102009MS	WATER		MS	2-Methylnaphthalene	1	91	62	108
	ST106-GW-10622-13102009MS	WATER		MS	Acenaphthene	1	84	63	115
	ST106-GW-10622-13102009MS	WATER		MS	Acenaphthylene	1	81	46	115
	ST106-GW-10622-13102009MS	WATER		MS	Anthracene	1	82	59	115
	ST106-GW-10622-13102009MS	WATER		MS	Benz(a)anthracene	1	82	73	115
	ST106-GW-10622-13102009MS	WATER		MS	Benzo(a)pyrene	1	93	68	115
	ST106-GW-10622-13102009MS	WATER		MS	Benzo(b)fluoranthene	1	86	74	115
	ST106-GW-10622-13102009MS	WATER		MS	Benzo(g,h,i)perylene	1	93	68	115
	ST106-GW-10622-13102009MS	WATER		MS	Benzo(k)fluoranthene	1	86	83	115
	ST106-GW-10622-13102009MS	WATER		MS	Chrysene	1	87	68	115
	ST106-GW-10622-13102009MS	WATER		MS	Dibenz(a,h)anthracene	1	100	77	115
	ST106-GW-10622-13102009MS	WATER		MS	Fluoranthene	1	81	67	115
	ST106-GW-10622-13102009MS	WATER		MS	Fluorene	1	85	58	116
	ST106-GW-10622-13102009MS	WATER		MS	Indeno(1,2,3-cd)pyrene	1	88	52	115
	ST106-GW-10622-13102009MS	WATER		MS	Naphthalene	1	83.4	72	115
	ST106-GW-10622-13102009MS	WATER		MS	Phenanthrene	1	85	56	115
	ST106-GW-10622-13102009MS	WATER		MS	Pyrene	1	85	72	115
	ST106-GW-10622-13102009MS	WATER		MS	Terphenyl-d14	1	90	70	115
	ST106-GW-10622-13102009MSD	WATER		SD	1-Methylnaphthalene	1	91	68	114
	ST106-GW-10622-13102009MSD	WATER		SD	2-Methylnaphthalene	1	93	62	108
	ST106-GW-10622-13102009MSD	WATER		SD	Acenaphthene	1	85	63	115
	ST106-GW-10622-13102009MSD	WATER		SD	Acenaphthylene	1	79	46	115
	ST106-GW-10622-13102009MSD	WATER		SD	Anthracene	1	84	59	115
	ST106-GW-10622-13102009MSD	WATER		SD	Benz(a)anthracene	1	81	73	115
	ST106-GW-10622-13102009MSD	WATER		SD	Benzo(a)pyrene	1	98	68	115
	ST106-GW-10622-13102009MSD	WATER		SD	Benzo(b)fluoranthene	1	85	74	115
	ST106-GW-10622-13102009MSD	WATER		SD	Benzo(g,h,i)perylene	1	93	68	115
	ST106-GW-10622-13102009MSD	WATER		SD	Benzo(k)fluoranthene	1	85	83	115
	ST106-GW-10622-13102009MSD	WATER		SD	Chrysene	1	86	68	115
	ST106-GW-10622-13102009MSD	WATER		SD	Dibenz(a,h)anthracene	1	99	77	115

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8310									
	ST106-GW-10622-13102009MSD	WATER	2513858	SD	Fluoranthene	1	81	67	115
	ST106-GW-10622-13102009MSD	WATER		SD	Fluorene	1	91	58	116
	ST106-GW-10622-13102009MSD	WATER		SD	Indeno(1,2,3-cd)pyrene	1	87	52	115
	ST106-GW-10622-13102009MSD	WATER		SD	Naphthalene	1	82.4	72	115
	ST106-GW-10622-13102009MSD	WATER		SD	Phenanthrene	1	97	56	115
	ST106-GW-10622-13102009MSD	WATER		SD	Pyrene	1	86	72	115
	ST106-GW-10622-13102009MSD	WATER		SD	Terphenyl-d14	1	89.5	70	115
	ST106-GW-10623-21012010MS	WATER	2514823	MS	1-Methylnaphthalene	1	94	68	114
	ST106-GW-10623-21012010MS	WATER		MS	2-Methylnaphthalene	1	95	62	108
	ST106-GW-10623-21012010MS	WATER		MS	Acenaphthene	1	88	63	115
	ST106-GW-10623-21012010MS	WATER		MS	Acenaphthylene	1	84	46	115
	ST106-GW-10623-21012010MS	WATER		MS	Anthracene	1	88	59	115
	ST106-GW-10623-21012010MS	WATER		MS	Benz(a)anthracene	1	85	73	115
	ST106-GW-10623-21012010MS	WATER		MS	Benzo(a)pyrene	1	106	68	115
	ST106-GW-10623-21012010MS	WATER		MS	Benzo(b)fluoranthene	1	86	74	115
	ST106-GW-10623-21012010MS	WATER		MS	Benzo(g,h,i)perylene	1	96	68	115
	ST106-GW-10623-21012010MS	WATER		MS	Benzo(k)fluoranthene	1	87	83	115
	ST106-GW-10623-21012010MS	WATER		MS	Chrysene	1	89	68	115
	ST106-GW-10623-21012010MS	WATER		MS	Dibenz(a,h)anthracene	1	103	77	115
	ST106-GW-10623-21012010MS	WATER		MS	Fluoranthene	1	84	67	115
	ST106-GW-10623-21012010MS	WATER		MS	Fluorene	1	92	58	116
	ST106-GW-10623-21012010MS	WATER		MS	Indeno(1,2,3-cd)pyrene	1	85.7	52	115
	ST106-GW-10623-21012010MS	WATER		MS	Naphthalene	1	88	72	115
	ST106-GW-10623-21012010MS	WATER		MS	Phenanthrene	1	87	56	115
	ST106-GW-10623-21012010MS	WATER		MS	Pyrene	1	90	72	115
	ST106-GW-10623-21012010MS	WATER		MS	Terphenyl-d14	1	87.5	70	115
	ST106-GW-10623-21012010MSD	WATER		SD	1-Methylnaphthalene	1	83	68	114
	ST106-GW-10623-21012010MSD	WATER		SD	2-Methylnaphthalene	1	84	62	108
	ST106-GW-10623-21012010MSD	WATER		SD	Acenaphthene	1	77	63	115
	ST106-GW-10623-21012010MSD	WATER		SD	Acenaphthylene	1	74	46	115
	ST106-GW-10623-21012010MSD	WATER		SD	Anthracene	1	77	59	115
	ST106-GW-10623-21012010MSD	WATER		SD	Benz(a)anthracene	1	75	73	115
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo(a)pyrene	1	97	68	115
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo(b)fluoranthene	1	76	74	115
	ST106-GW-10623-21012010MSD	WATER		SD	Benzo(g,h,i)perylene	1	86	68	115
	ST106-GW-10623-21012010MSD	WATER		**SD**	**Benzo(k)fluoranthene**	1	**76**	**83**	**115**
	ST106-GW-10623-21012010MSD	WATER		SD	Chrysene	1	78	68	115
	ST106-GW-10623-21012010MSD	WATER		SD	Dibenz(a,h)anthracene	1	90	77	115
	ST106-GW-10623-21012010MSD	WATER		SD	Fluoranthene	1	73	67	115
	ST106-GW-10623-21012010MSD	WATER		SD	Fluorene	1	81	58	116
	ST106-GW-10623-21012010MSD	WATER		SD	Indeno(1,2,3-cd)pyrene	1	75.7	52	115
	ST106-GW-10623-21012010MSD	WATER		SD	Naphthalene	1	78	72	115

Table B-8. Summary of Matrix Spike and Matrix Spike Duplicate Samples for Groundwater Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8310									
	ST106-GW-10623-21012010MSD	WATER	2514823	SD	Phenanthrene	1	77	56	115
	ST106-GW-10623-21012010MSD	WATER		SD	Pyrene	1	79	72	115
	ST106-GW-10623-21012010MSD	WATER		SD	Terphenyl-d14	1	77	70	115

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

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
A2720C								
	ST106-AR-1065E2POST-30122009	AIR	N	Carbon Dioxide	3.95	0.05	0.9	PERCENT
	ST106-AR-1065E2POST-30122009	AIR	N	Carbon Monoxide	0.07 U	0.07	0.9	PERCENT
	ST106-AR-1065E2POST-30122009	AIR	N	Methane	0.07 U	0.07	0.9	PERCENT
	ST106-AR-1065E2POST-30122009	AIR	N	Nitrogen	78.3	0.08	1.9	PERCENT
	ST106-AR-1065E2POST-30122009	AIR	N	Oxygen	15.5	0.06	1.1	PERCENT
	ST106-AR-1065INLET-02262010	AIR	N	Carbon Dioxide	1.68	0.03	0.5	PERCENT
	ST106-AR-1065INLET-02262010	AIR	N	Carbon Monoxide	0.04 U	0.04	0.5	PERCENT
	ST106-AR-1065INLET-02262010	AIR	N	Methane	0.04 U	0.04	0.5	PERCENT
	ST106-AR-1065INLET-02262010	AIR	N	Nitrogen	82.9	0.04	1	PERCENT
	ST106-AR-1065INLET-02262010	AIR	N	Oxygen	15.4	0.03	0.6	PERCENT
	ST106-AR-1065INLET-30122009	AIR	N	Carbon Dioxide	3.94	0.06	1.1	PERCENT
	ST106-AR-1065INLET-30122009	AIR	N	Carbon Monoxide	0.08 U	0.08	1.1	PERCENT
	ST106-AR-1065INLET-30122009	AIR	N	Methane	0.08 U	0.08	1.1	PERCENT
	ST106-AR-1065INLET-30122009	AIR	N	Nitrogen	92.4	0.1	2.2	PERCENT
	ST106-AR-1065INLET-30122009	AIR	N	Oxygen	16.7	0.07	1.3	PERCENT
	ST106-AR-1065POSTE1-02262010	AIR	N	Carbon Dioxide	9.56	0.03	0.5	PERCENT
	ST106-AR-1065POSTE1-02262010	AIR	N	Carbon Monoxide	0.04 U	0.04	0.5	PERCENT
	ST106-AR-1065POSTE1-02262010	AIR	N	Methane	0.04 U	0.04	0.5	PERCENT
	ST106-AR-1065POSTE1-02262010	AIR	N	Nitrogen	83.1	0.04	1	PERCENT
	ST106-AR-1065POSTE1-02262010	AIR	N	Oxygen	7.34	0.03	0.6	PERCENT
	ST106-AR-1065POSTE2-02262010	AIR	N	Carbon Dioxide	9.12	0.03	0.5	PERCENT
	ST106-AR-1065POSTE2-02262010	AIR	N	Carbon Monoxide	0.04 U	0.04	0.5	PERCENT
	ST106-AR-1065POSTE2-02262010	AIR	N	Methane	0.04 U	0.04	0.5	PERCENT

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
A2720C								
	ST106-AR-1065POSTE2-02262010	AIR	N	Nitrogen	82.6	0.04	1	PERCENT
	ST106-AR-1065POSTE2-02262010	AIR	N	Oxygen	8.29	0.03	0.6	PERCENT
	ST106-AR-1068E1POST-30122009	AIR	N	Carbon Dioxide	0.05 U	0.05	0.9	PERCENT
	ST106-AR-1068E1POST-30122009	AIR	N	Carbon Monoxide	0.07 U	0.07	0.9	PERCENT
	ST106-AR-1068E1POST-30122009	AIR	N	Methane	0.07 U	0.07	0.9	PERCENT
	ST106-AR-1068E1POST-30122009	AIR	N	Nitrogen	73.3	0.08	1.8	PERCENT
	ST106-AR-1068E1POST-30122009	AIR	N	Oxygen	20.9	0.05	1.1	PERCENT
	ST106-AR-1068E2POST-30122009	AIR	N	Carbon Dioxide	7.09	0.05	0.9	PERCENT
	ST106-AR-1068E2POST-30122009	AIR	N	Carbon Monoxide	0.07 U	0.07	0.9	PERCENT
	ST106-AR-1068E2POST-30122009	AIR	N	Methane	0.07 U	0.07	0.9	PERCENT
	ST106-AR-1068E2POST-30122009	AIR	N	Nitrogen	84.6	0.08	1.9	PERCENT
	ST106-AR-1068E2POST-30122009	AIR	N	Oxygen	10.8	0.06	1.1	PERCENT
	ST106-AR-1068INLET-30122009	AIR	N	Carbon Dioxide	1.25	0.05	1	PERCENT
	ST106-AR-1068INLET-30122009	AIR	N	Carbon Monoxide	0.07 U	0.07	1	PERCENT
	ST106-AR-1068INLET-30122009	AIR	N	Methane	0.07 U	0.07	1	PERCENT
	ST106-AR-1068INLET-30122009	AIR	N	Nitrogen	76.4	0.08	1.9	PERCENT
	ST106-AR-1068INLET-30122009	AIR	N	Oxygen	14.4	0.06	1.1	PERCENT
	ST106-AR-106INLET-02262010	AIR	N	Carbon Dioxide	4.42	0.03	0.5	PERCENT
	ST106-AR-106INLET-02262010	AIR	N	Carbon Monoxide	0.04 U	0.04	0.5	PERCENT
	ST106-AR-106INLET-02262010	AIR	N	Methane	0.04 U	0.04	0.5	PERCENT
	ST106-AR-106INLET-02262010	AIR	N	Nitrogen	81.3	0.04	1	PERCENT
	ST106-AR-106INLET-02262010	AIR	N	Oxygen	14.3	0.03	0.6	PERCENT
	ST106-AR-106INLET-09122009	AIR	N	Carbon Dioxide	2.59	0.05	0.8	PERCENT

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
A2720C								
	ST106-AR-106INLET-09122009	AIR	N	Carbon Monoxide	0.06 U	0.06	0.8	PERCENT
	ST106-AR-106INLET-09122009	AIR	N	Methane	0.06 U	0.06	0.8	PERCENT
	ST106-AR-106INLET-09122009	AIR	N	Nitrogen	74.4	0.07	1.7	PERCENT
	ST106-AR-106INLET-09122009	AIR	N	Oxygen	16.1	0.05	1	PERCENT
	ST106-AR-106POSTE1-02262010	AIR	N	Carbon Dioxide	7.77	0.03	0.5	PERCENT
	ST106-AR-106POSTE1-02262010	AIR	N	Carbon Monoxide	0.04 U	0.04	0.5	PERCENT
	ST106-AR-106POSTE1-02262010	AIR	N	Methane	0.04 U	0.04	0.5	PERCENT
	ST106-AR-106POSTE1-02262010	AIR	N	Nitrogen	81.1	0.04	1	PERCENT
	ST106-AR-106POSTE1-02262010	AIR	N	Oxygen	11.1	0.03	0.6	PERCENT
	ST106-AR-106POSTE1-09122009	AIR	N	Carbon Dioxide	5.6	0.05	0.8	PERCENT
	ST106-AR-106POSTE1-09122009	AIR	N	Carbon Monoxide	0.06 U	0.06	0.8	PERCENT
	ST106-AR-106POSTE1-09122009	AIR	N	Methane	0.06 U	0.06	0.8	PERCENT
	ST106-AR-106POSTE1-09122009	AIR	N	Nitrogen	77.5	0.07	1.6	PERCENT
	ST106-AR-106POSTE1-09122009	AIR	N	Oxygen	13.7	0.05	1	PERCENT
SW8015M								
	ST106-AR-1065E2POST-30122009	AIR	N	TPH-Gasoline	2070	1.36	46.8	UG/L
	ST106-AR-1065INLET-02262010	AIR	N	TPH-Gasoline	41700	35.1	1205	UG/L
	ST106-AR-1065INLET-30122009	AIR	N	TPH-Gasoline	68000	64.4	2210	UG/L
	ST106-AR-1065POSTE1-02262010	AIR	N	TPH-Gasoline	2110	1.31	45	UG/L
	ST106-AR-1065POSTE2-02262010	AIR	N	TPH-Gasoline	551	1.33	45.8	UG/L
	ST106-AR-1068E1POST-30122009	AIR	N	TPH-Gasoline	110	1.33	45.8	UG/L
	ST106-AR-1068E2POST-30122009	AIR	N	TPH-Gasoline	1350	1.37	47	UG/L
	ST106-AR-1068INLET-30122009	AIR	N	TPH-Gasoline	36400	26.2	900	UG/L
	ST106-AR-106INLET-02262010	AIR	N	TPH-Gasoline	73200	135	4625	UG/L

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8015M								
	ST106-AR-106INLET-09122009	AIR	N	TPH-Gasoline	41100	80.8	2775	UG/L
	ST106-AR-106POSTE1-02262010	AIR	N	TPH-Gasoline	410	1.52	52.3	UG/L
	ST106-AR-106POSTE1-09122009	AIR	N	TPH-Gasoline	66.8	1.19	41	UG/L
TO15								
	ST106-AR-1065E2POST-30122009	AIR	N	1,1,1-Trichloroethane	31.2 U	31.2	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,1,2,2-Tetrachloroethane	34.7 U	34.7	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,1,2-Trichloroethane	37.8 U	37.8	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,1-Dichloroethane	42.8 U	42.8	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,1-Dichloroethene	22.4 U	22.4	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,2,4-Trichlorobenzene	35.1 U	35.1	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,2,4-Trimethylbenzene	61.2 J	33.2	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,2-Dibromoethane	29.7 U	29.7	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	43.2 U	43.2	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,2-Dichlorobenzene	32.5 U	32.5	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,2-Dichloroethane	39.4 U	39.4	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,2-Dichloropropane	37.9 U	37.9	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,3,5-Trimethylbenzene	38.6 J	35.9	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,3-Dichlorobenzene	31.6 U	31.6	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	1,4-Dichlorobenzene	31.6 U	31.6	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	2-Butanone	12.4 U	12.4	622	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Acetone	622 U	142	622	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Benzene	27900	12.7	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Bromomethane	26.8 U	26.8	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Carbon tetrachloride	17.5 U	17.5	311	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1065E2POST-30122009	AIR	N	Chlorobenzene	38.2 U	38.2	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Chloroethane	51.2 U	51.2	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Chloroform	43.3 U	43.3	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Chloromethane	25.9 U	25.9	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	cis-1,2-Dichloroethene	47.2 U	47.2	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	cis-1,3-Dichloropropene	25.6 U	25.6	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Dichlorodifluoromethane	47.6 U	47.6	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Ethylbenzene	310 J	40.2	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Hexachlorobutadiene	26.4 U	26.4	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	m,p-Xylene	974	94.9	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Methyl tert-butyl ether (MTBE)	53.8 U	53.8	622	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Methylene chloride	46.3 U	46.3	1555	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	o-Xylene	324	43.7	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Styrene	33.6 U	33.6	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Tetrachloroethene	42.6 U	42.6	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Toluene	7130	55.5	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	trans-1,3-Dichloropropene	26.6 U	26.6	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Trichloroethene	45.7 U	45.7	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Trichlorofluoromethane	47.6 U	47.6	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Trichlorotrifluoroethane	44.6 U	44.6	311	PPBV
	ST106-AR-1065E2POST-30122009	AIR	N	Vinyl Chloride	55 U	55	311	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,1,1-Trichloroethane	511 U	511	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,1,2,2-Tetrachloroethane	568 U	568	5100	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1065INLET-02262010	AIR	N	1,1,2-Trichloroethane	619 U	619	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,1-Dichloroethane	703 U	703	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,1-Dichloroethene	367 U	367	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,2,4-Trichlorobenzene	576 U	576	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,2,4-Trimethylbenzene	24500	545	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,2-Dibromoethane	623 J	488	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	709 U	709	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,2-Dichlorobenzene	533 U	533	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,2-Dichloroethane	646 U	646	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,2-Dichloropropane	622 U	622	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,3,5-Trimethylbenzene	10000	588	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,3-Dichlorobenzene	519 U	519	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	1,4-Dichlorobenzene	518 U	518	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	2-Butanone	203 U	203	10200	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Acetone	10200 U	2330	10200	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Benzene	178000	208	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Bromomethane	440 U	440	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Carbon tetrachloride	286 U	286	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Chlorobenzene	627 U	627	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Chloroethane	840 U	840	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Chloroform	709 U	709	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Chloromethane	425 U	425	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	cis-1,2-Dichloroethene	774 U	774	5100	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1065INLET-02262010	AIR	N	cis-1,3-Dichloropropene	420 U	420	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Dichlorodifluoromethane	780 U	780	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Ethylbenzene	32700	659	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Hexachlorobutadiene	433 U	433	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	m,p-Xylene	115000	1560	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Methyl tert-butyl ether (MTBE)	882 U	882	10200	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Methylene chloride	25500 U	760	25500	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	o-Xylene	34300	716	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Styrene	550 U	550	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Tetrachloroethene	699 U	699	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Toluene	395000	910	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	trans-1,3-Dichloropropene	437 U	437	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Trichloroethene	749 U	749	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Trichlorofluoromethane	780 U	780	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Trichlorotrifluoroethane	731 U	731	5100	PPBV
	ST106-AR-1065INLET-02262010	AIR	N	Vinyl Chloride	902 U	902	5100	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,1,1-Trichloroethane	626 U	626	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,1,2,2-Tetrachloroethane	696 U	696	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,1,2-Trichloroethane	758 U	758	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,1-Dichloroethane	860 U	860	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,1-Dichloroethene	449 U	449	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,2,4-Trichlorobenzene	705 U	705	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,2,4-Trimethylbenzene	27700	668	6245	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1065INLET-30122009	AIR	N	1,2-Dibromoethane	597 U	597	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	868 U	868	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,2-Dichlorobenzene	653 U	653	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,2-Dichloroethane	948 J	790	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,2-Dichloropropane	762 U	762	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,3,5-Trimethylbenzene	13700	720	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,3-Dichlorobenzene	635 U	635	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	1,4-Dichlorobenzene	635 U	635	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	2-Butanone	248 U	248	12490	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Acetone	12490 U	2850	12490	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Benzene	330000	255	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Bromomethane	539 U	539	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Carbon tetrachloride	350 U	350	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Chlorobenzene	768 U	768	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Chloroethane	1030 U	1030	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Chloroform	869 U	869	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Chloromethane	520 U	520	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	cis-1,2-Dichloroethene	947 U	947	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	cis-1,3-Dichloropropene	514 U	514	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Dichlorodifluoromethane	955 U	955	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Ethylbenzene	56600	807	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Hexachlorobutadiene	530 U	530	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	m,p-Xylene	218000	1910	6245	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1065INLET-30122009	AIR	N	Methyl tert-butyl ether (MTBE)	1080 U	1080	12490	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Methylene chloride	930 U	930	31225	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	o-Xylene	62300	877	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Styrene	674 U	674	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Tetrachloroethene	856 U	856	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Toluene	736000	1110	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	trans-1,3-Dichloropropene	535 U	535	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Trichloroethene	918 U	918	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Trichlorofluoromethane	956 U	956	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Trichlorotrifluoroethane	895 U	895	6245	PPBV
	ST106-AR-1065INLET-30122009	AIR	N	Vinyl Chloride	1100 U	1100	6245	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,1,1-Trichloroethane	17.9 U	17.9	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,1,2,2-Tetrachloroethane	19.9 U	19.9	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,1,2-Trichloroethane	21.7 U	21.7	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,1-Dichloroethane	24.6 U	24.6	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,1-Dichloroethene	12.8 U	12.8	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,2,4-Trichlorobenzene	20.2 U	20.2	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,2,4-Trimethylbenzene	630	19.1	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,2-Dibromoethane	17.1 U	17.1	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	24.8 U	24.8	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,2-Dichlorobenzene	18.7 U	18.7	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,2-Dichloroethane	22.6 U	22.6	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,2-Dichloropropane	21.8 U	21.8	178.5	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1065POSTE1-02262010	AIR	N	1,3,5-Trimethylbenzene	345	20.6	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,3-Dichlorobenzene	18.2 U	18.2	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	1,4-Dichlorobenzene	18.1 U	18.1	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	2-Butanone	324 J	7.1	357	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Acetone	4210	81.6	357	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Benzene	19000	7.28	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Bromomethane	150 J	15.4	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Carbon tetrachloride	10 U	10	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Chlorobenzene	21.9 U	21.9	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Chloroethane	29.4 U	29.4	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Chloroform	24.8 U	24.8	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Chloromethane	14.9 U	14.9	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	cis-1,2-Dichloroethene	27.1 U	27.1	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	cis-1,3-Dichloropropene	14.7 U	14.7	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Dichlorodifluoromethane	27.3 U	27.3	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Ethylbenzene	2590	23.1	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Hexachlorobutadiene	15.2 U	15.2	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	m,p-Xylene	6550	54.5	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Methyl tert-butyl ether (MTBE)	30.9 U	30.9	357	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Methylene chloride	892.5 U	26.6	892.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	o-Xylene	2050	25.1	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Styrene	414	19.3	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Tetrachloroethene	24.5 U	24.5	178.5	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1065POSTE1-02262010	AIR	N	Toluene	23100	31.9	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	trans-1,3-Dichloropropene	15.3 U	15.3	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Trichloroethene	26.2 U	26.2	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Trichlorofluoromethane	27.3 U	27.3	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Trichlorotrifluoroethane	25.6 U	25.6	178.5	PPBV
	ST106-AR-1065POSTE1-02262010	AIR	N	Vinyl Chloride	31.6 U	31.6	178.5	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,1,1-Trichloroethane	32.4 J	5.21	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,1,2,2-Tetrachloroethane	5.8 U	5.8	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,1,2-Trichloroethane	6.31 U	6.31	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,1-Dichloroethane	7.16 U	7.16	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,1-Dichloroethene	3.74 U	3.74	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,2,4-Trichlorobenzene	6.85 J	5.87	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,2,4-Trimethylbenzene	131	5.56	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,2-Dibromoethane	7.92 J	4.97	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	7.23 U	7.23	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,2-Dichlorobenzene	5.44 U	5.44	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,2-Dichloroethane	6.58 U	6.58	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,2-Dichloropropane	6.35 U	6.35	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,3,5-Trimethylbenzene	52.2	6	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,3-Dichlorobenzene	5.29 U	5.29	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	1,4-Dichlorobenzene	6.2 J	5.29	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	2-Butanone	228	2.07	104	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Acetone	2790	23.8	104	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1065POSTE2-02262010	AIR	N	Benzene	5640	2.12	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Bromomethane	74.1	4.49	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Carbon tetrachloride	5.62 J	2.92	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Chlorobenzene	6.39 U	6.39	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Chloroethane	8.57 U	8.57	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Chloroform	7.23 U	7.23	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Chloromethane	5.81 J	4.33	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	cis-1,2-Dichloroethene	7.89 U	7.89	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	cis-1,3-Dichloropropene	4.28 U	4.28	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Dichlorodifluoromethane	7.95 U	7.95	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Ethylbenzene	543	6.72	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Hexachlorobutadiene	4.41 U	4.41	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	m,p-Xylene	926	15.9	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Methyl tert-butyl ether (MTBE)	8.99 U	8.99	104	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Methylene chloride	260 U	7.74	260	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	o-Xylene	281	7.3	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Styrene	204	5.61	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Tetrachloroethene	22.9 J	7.13	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Toluene	4610	9.28	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	trans-1,3-Dichloropropene	4.46 U	4.46	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Trichloroethene	7.64 U	7.64	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Trichlorofluoromethane	7.96 U	7.96	52	PPBV
	ST106-AR-1065POSTE2-02262010	AIR	N	Trichlorotrifluoroethane	7.45 U	7.45	52	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
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Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1065POSTE2-02262010	AIR	N	Vinyl Chloride	9.19 U	9.19	52	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,1,1-Trichloroethane	1.15 U	1.15	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,1,2,2-Tetrachloroethane	1.28 U	1.28	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,1,2-Trichloroethane	1.39 U	1.39	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,1-Dichloroethane	1.58 U	1.58	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,1-Dichloroethene	0.82 U	0.82	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,2,4-Trichlorobenzene	1.29 U	1.29	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,2,4-Trimethylbenzene	3.11 J	1.22	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,2-Dibromoethane	1.1 U	1.1	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	1.59 U	1.59	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,2-Dichlorobenzene	1.2 U	1.2	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,2-Dichloroethane	1.45 U	1.45	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,2-Dichloropropane	1.4 U	1.4	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,3,5-Trimethylbenzene	1.32 U	1.32	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,3-Dichlorobenzene	1.17 U	1.17	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	1,4-Dichlorobenzene	1.16 U	1.16	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	2-Butanone	0.46 U	0.46	22.9	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Acetone	22.9 U	5.23	22.9	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Benzene	63	0.47	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Bromomethane	1.12 J	0.99	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Carbon tetrachloride	0.64 U	0.64	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Chlorobenzene	1.41 U	1.41	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Chloroethane	1.89 U	1.89	11.5	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
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Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1068E1POST-30122009	AIR	N	Chloroform	1.59 U	1.59	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Chloromethane	0.95 U	0.95	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	cis-1,2-Dichloroethene	1.74 U	1.74	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	cis-1,3-Dichloropropene	0.94 U	0.94	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Dichlorodifluoromethane	1.75 U	1.75	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Ethylbenzene	3.83 J	1.48	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Hexachlorobutadiene	0.97 U	0.97	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	m,p-Xylene	11.3 J	3.49	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Methyl tert-butyl ether (MTBE)	1.98 U	1.98	22.9	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Methylene chloride	57.3 U	1.71	57.3	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	o-Xylene	3.48 J	1.61	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Styrene	1.24 U	1.24	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Tetrachloroethene	1.57 U	1.57	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Toluene	44.3	2.04	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	trans-1,3-Dichloropropene	0.98 U	0.98	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Trichloroethene	1.68 U	1.68	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Trichlorofluoromethane	1.75 U	1.75	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Trichlorotrifluoroethane	1.64 U	1.64	11.5	PPBV
	ST106-AR-1068E1POST-30122009	AIR	N	Vinyl Chloride	2.02 U	2.02	11.5	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,1,1-Trichloroethane	10.5 U	10.5	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,1,2,2-Tetrachloroethane	11.7 U	11.7	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,1,2-Trichloroethane	12.7 U	12.7	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,1-Dichloroethane	14.5 U	14.5	105	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1068E2POST-30122009	AIR	N	1,1-Dichloroethene	7.55 U	7.55	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,2,4-Trichlorobenzene	11.9 U	11.9	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,2,4-Trimethylbenzene	11.2 U	11.2	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,2-Dibromoethane	10 U	10	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	14.6 U	14.6	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,2-Dichlorobenzene	11 U	11	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,2-Dichloroethane	13.3 U	13.3	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,2-Dichloropropane	12.8 U	12.8	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,3,5-Trimethylbenzene	12.1 U	12.1	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,3-Dichlorobenzene	10.7 U	10.7	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	1,4-Dichlorobenzene	10.7 U	10.7	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	2-Butanone	4.18 U	4.18	210	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Acetone	607 U	48	210	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Benzene	19100	4.28	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Bromomethane	42.6 J	9.06	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Carbon tetrachloride	5.89 U	5.89	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Chlorobenzene	12.9 U	12.9	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Chloroethane	17.3 U	17.3	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Chloroform	14.6 U	14.6	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Chloromethane	8.75 U	8.75	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	cis-1,2-Dichloroethene	15.9 U	15.9	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	cis-1,3-Dichloropropene	8.65 U	8.65	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Dichlorodifluoromethane	16.1 U	16.1	105	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1068E2POST-30122009	AIR	N	Ethylbenzene	16 J	13.6	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Hexachlorobutadiene	8.91 U	8.91	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	m,p-Xylene	35.9 J	32	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Methyl tert-butyl ether (MTBE)	18.2 U	18.2	210	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Methylene chloride	15.6 U	15.6	525	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	o-Xylene	14.8 U	14.8	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Styrene	11.3 U	11.3	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Tetrachloroethene	14.4 U	14.4	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Toluene	166	18.7	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	trans-1,3-Dichloropropene	9 U	9	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Trichloroethene	105 U	15.4	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Trichlorofluoromethane	16.1 U	16.1	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Trichlorotrifluoroethane	15 U	15	105	PPBV
	ST106-AR-1068E2POST-30122009	AIR	N	Vinyl Chloride	18.6 U	18.6	105	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,1,1-Trichloroethane	510 U	510	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,1,2,2-Tetrachloroethane	567 U	567	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,1,2-Trichloroethane	617 U	617	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,1-Dichloroethane	701 U	701	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,1-Dichloroethene	366 U	366	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,2,4-Trichlorobenzene	574 U	574	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,2,4-Trimethylbenzene	20500	544	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,2-Dibromoethane	1430 J	486	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	707 U	707	5085	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1068INLET-30122009	AIR	N	1,2-Dichlorobenzene	532 U	532	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,2-Dichloroethane	821 J	644	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,2-Dichloropropane	620 U	620	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,3,5-Trimethylbenzene	9700	586	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,3-Dichlorobenzene	517 U	517	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	1,4-Dichlorobenzene	517 U	517	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	2-Butanone	7370 J	202	10170	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Acetone	35600	2320	10170	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Benzene	336000	207	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Bromomethane	439 U	439	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Carbon tetrachloride	285 U	285	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Chlorobenzene	625 U	625	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Chloroethane	838 U	838	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Chloroform	707 U	707	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Chloromethane	424 U	424	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	cis-1,2-Dichloroethene	771 U	771	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	cis-1,3-Dichloropropene	419 U	419	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Dichlorodifluoromethane	778 U	778	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Ethylbenzene	70400	657	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Hexachlorobutadiene	432 U	432	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	m,p-Xylene	200000	1550	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Methyl tert-butyl ether (MTBE)	880 U	880	10170	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Methylene chloride	757 U	757	25425	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-1068INLET-30122009	AIR	N	o-Xylene	55500	714	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Styrene	549 U	549	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Tetrachloroethene	697 U	697	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Toluene	788000	908	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	trans-1,3-Dichloropropene	436 U	436	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Trichloroethene	747 U	747	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Trichlorofluoromethane	778 U	778	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Trichlorotrifluoroethane	729 U	729	5085	PPBV
	ST106-AR-1068INLET-30122009	AIR	N	Vinyl Chloride	899 U	899	5085	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,1,1-Trichloroethane	2530 U	2530	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,1,2,2-Tetrachloroethane	2810 U	2810	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,1,2-Trichloroethane	3070 U	3070	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,1-Dichloroethane	3480 U	3480	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,1-Dichloroethene	1820 U	1820	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,2,4-Trichlorobenzene	2850 U	2850	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,2,4-Trimethylbenzene	151000	2700	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,2-Dibromoethane	5160 J	2410	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	3510 U	3510	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,2-Dichlorobenzene	2640 U	2640	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,2-Dichloroethane	3200 U	3200	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,2-Dichloropropane	3080 U	3080	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,3,5-Trimethylbenzene	52400	2910	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	1,3-Dichlorobenzene	2570 U	2570	25250	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-106INLET-02262010	AIR	N	1,4-Dichlorobenzene	2570 U	2570	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	2-Butanone	599000	1000	50500	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Acetone	4100000	11500	50500	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Benzene	805000	1030	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Bromomethane	2180 U	2180	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Carbon tetrachloride	1420 U	1420	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Chlorobenzene	3100 U	3100	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Chloroethane	4160 U	4160	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Chloroform	3510 U	3510	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Chloromethane	2100 U	2100	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	cis-1,2-Dichloroethene	3830 U	3830	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	cis-1,3-Dichloropropene	2080 U	2080	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Dichlorodifluoromethane	3860 U	3860	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Ethylbenzene	251000	3260	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Hexachlorobutadiene	2140 U	2140	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	m,p-Xylene	748000	7710	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Methyl tert-butyl ether (MTBE)	4370 U	4370	50500	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Methylene chloride	126250 U	3760	126250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	o-Xylene	227000	3550	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Styrene	2720 U	2720	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Tetrachloroethene	3460 U	3460	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Toluene	2340000	4510	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	trans-1,3-Dichloropropene	2160 U	2160	25250	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-106INLET-02262010	AIR	N	Trichloroethene	3710 U	3710	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Trichlorofluoromethane	3860 U	3860	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Trichlorotrifluoroethane	3620 U	3620	25250	PPBV
	ST106-AR-106INLET-02262010	AIR	N	Vinyl Chloride	4460 U	4460	25250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,1,1-Trichloroethane	927 U	927	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,1,2,2-Tetrachloroethane	1030 U	1030	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,1,2-Trichloroethane	1120 U	1120	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,1-Dichloroethane	1270 U	1270	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,1-Dichloroethene	665 U	665	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,2,4-Trichlorobenzene	1040 U	1040	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,2,4-Trimethylbenzene	33900	989	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,2-Dibromoethane	1550 J	885	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	1290 U	1290	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,2-Dichlorobenzene	967 U	967	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,2-Dichloroethane	1170 U	1170	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,2-Dichloropropane	1130 U	1130	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,3,5-Trimethylbenzene	12600	1070	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,3-Dichlorobenzene	941 U	941	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	1,4-Dichlorobenzene	940 U	940	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	2-Butanone	166000	368	46250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Acetone	1610000	4230	46250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Benzene	300000	377	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Bromomethane	798 U	798	9250	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-106INLET-09122009	AIR	N	Carbon tetrachloride	519 U	519	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Chlorobenzene	1140 U	1140	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Chloroethane	1520 U	1520	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Chloroform	1290 U	1290	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Chloromethane	771 U	771	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	cis-1,2-Dichloroethene	1400 U	1400	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	cis-1,3-Dichloropropene	762 U	762	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Dichlorodifluoromethane	1410 U	1410	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Ethylbenzene	81600	1190	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Hexachlorobutadiene	785 U	785	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	m,p-Xylene	238000	2820	18500	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Methyl tert-butyl ether (MTBE)	1600 U	1600	46250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Methylene chloride	46250 U	1380	46250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	o-Xylene	69500	1300	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Styrene	998 U	998	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Tetrachloroethene	1270 U	1270	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Toluene	891000	1650	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	trans-1,3-Dichloropropene	793 U	793	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Trichloroethene	9250 U	1360	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Trichlorofluoromethane	1420 U	1420	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Trichlorotrifluoroethane	1330 U	1330	9250	PPBV
	ST106-AR-106INLET-09122009	AIR	N	Vinyl Chloride	1640 U	1640	9250	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,1,1-Trichloroethane	21.3 U	21.3	212.5	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-106POSTE1-02262010	AIR	N	1,1,2,2-Tetrachloroethane	23.7 U	23.7	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,1,2-Trichloroethane	25.8 U	25.8	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,1-Dichloroethane	29.3 U	29.3	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,1-Dichloroethene	15.3 U	15.3	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,2,4-Trichlorobenzene	24 U	24	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,2,4-Trimethylbenzene	388	22.7	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,2-Dibromoethane	24.5 J	20.3	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	29.5 U	29.5	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,2-Dichlorobenzene	22.2 U	22.2	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,2-Dichloroethane	26.9 U	26.9	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,2-Dichloropropane	25.9 U	25.9	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,3,5-Trimethylbenzene	149 J	24.5	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,3-Dichlorobenzene	21.6 U	21.6	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	1,4-Dichlorobenzene	21.6 U	21.6	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	2-Butanone	1660	8.45	425	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Acetone	17700	97.1	425	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Benzene	1730	8.67	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Bromomethane	76.7 J	18.3	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Carbon tetrachloride	11.9 U	11.9	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Chlorobenzene	26.1 U	26.1	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Chloroethane	35 U	35	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Chloroform	29.6 U	29.6	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Chloromethane	17.7 U	17.7	212.5	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-106POSTE1-02262010	AIR	N	cis-1,2-Dichloroethene	32.2 U	32.2	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	cis-1,3-Dichloropropene	17.5 U	17.5	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Dichlorodifluoromethane	32.5 U	32.5	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Ethylbenzene	936	27.4	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Hexachlorobutadiene	18 U	18	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	m,p-Xylene	2740	64.9	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Methyl tert-butyl ether (MTBE)	36.8 U	36.8	425	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Methylene chloride	1062.5 U	31.6	1062.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	o-Xylene	859	29.9	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Styrene	22.9 U	22.9	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Tetrachloroethene	57.5 J	29.1	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Toluene	7810	37.9	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	trans-1,3-Dichloropropene	18.2 U	18.2	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Trichloroethene	186 J	31.2	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Trichlorofluoromethane	32.5 U	32.5	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Trichlorotrifluoroethane	30.5 U	30.5	212.5	PPBV
	ST106-AR-106POSTE1-02262010	AIR	N	Vinyl Chloride	37.6 U	37.6	212.5	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,1,1-Trichloroethane	0.82 U	0.82	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,1,2,2-Tetrachloroethane	0.91 U	0.91	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,1,2-Trichloroethane	1 U	1	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,1-Dichloroethane	1.13 U	1.13	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,1-Dichloroethene	0.59 U	0.59	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,2,4-Trichlorobenzene	0.93 U	0.93	8.2	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-106POSTE1-09122009	AIR	N	1,2,4-Trimethylbenzene	3.27 J	0.88	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,2-Dibromoethane	0.78 U	0.78	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,2-Dichloro-1,1,2,2-tetrafluoroethane	1.14 U	1.14	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,2-Dichlorobenzene	0.86 U	0.86	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,2-Dichloroethane	1.04 U	1.04	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,2-Dichloropropane	1 U	1	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,3,5-Trimethylbenzene	1.3 J	0.95	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,3-Dichlorobenzene	0.83 U	0.83	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	1,4-Dichlorobenzene	0.83 U	0.83	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	2-Butanone	33.6 J	0.33	41	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Acetone	406	3.75	41	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Benzene	202	0.33	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Bromomethane	26.7	0.71	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Carbon tetrachloride	1.65 J	0.46	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Chlorobenzene	1.01 U	1.01	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Chloroethane	1.35 U	1.35	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Chloroform	1.14 U	1.14	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Chloromethane	1.7 J	0.68	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	cis-1,2-Dichloroethene	3.15 J	1.24	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	cis-1,3-Dichloropropene	0.68 U	0.68	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Dichlorodifluoromethane	1.25 U	1.25	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Ethylbenzene	10.8	1.06	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Hexachlorobutadiene	0.7 U	0.7	8.2	PPBV

Table B-9. Summary of Vapor Analytical Results for the Bulk Fuels Facility Area
October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
TO15								
	ST106-AR-106POSTE1-09122009	AIR	N	m,p-Xylene	27.5	2.5	16.4	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Methyl tert-butyl ether (MTBE)	1.42 U	1.42	41	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Methylene chloride	41 U	1.22	41	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	o-Xylene	7.92 J	1.15	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Styrene	0.89 U	0.89	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Tetrachloroethene	1.12 U	1.12	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Toluene	149	1.46	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	trans-1,3-Dichloropropene	0.7 U	0.7	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Trichloroethene	37.3	1.21	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Trichlorofluoromethane	1.25 U	1.25	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Trichlorotrifluoroethane	1.18 U	1.18	8.2	PPBV
	ST106-AR-106POSTE1-09122009	AIR	N	Vinyl Chloride	1.45 U	1.45	8.2	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 B-10. Summary of Holding Times for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
A2720C	ST106-AR-1065E2POST-30122009	AIR	N	5 Days - A	12/30/2009		1/4/2010
	ST106-AR-1065INLET-02262010	AIR	N	12 Days - A	2/26/2010		3/10/2010
	ST106-AR-1065INLET-30122009	AIR	N	5 Days - A	12/30/2009		1/4/2010
	ST106-AR-1065POSTE1-02262010	AIR	N	12 Days - A	2/26/2010		3/10/2010
	ST106-AR-1065POSTE2-02262010	AIR	N	12 Days - A	2/26/2010		3/10/2010
	ST106-AR-1068E1POST-30122009	AIR	N	5 Days - A	12/30/2009		1/4/2010
	ST106-AR-1068E2POST-30122009	AIR	N	5 Days - A	12/30/2009		1/4/2010
	ST106-AR-1068INLET-30122009	AIR	N	5 Days - A	12/30/2009		1/4/2010
	ST106-AR-106INLET-02262010	AIR	N	12 Days - A	2/26/2010		3/10/2010
	ST106-AR-106INLET-09122009	AIR	N	7 Days - A	12/9/2009		12/16/2009
	ST106-AR-106POSTE1-02262010	AIR	N	12 Days - A	2/26/2010		3/10/2010
	ST106-AR-106POSTE1-09122009	AIR	N	7 Days - A	12/9/2009		12/16/2009
SW8015M	ST106-AR-1065E2POST-30122009	AIR	N	5 Days - A	12/30/2009		1/4/2010
	ST106-AR-1065INLET-02262010	AIR	N	11 Days - A	2/26/2010		3/9/2010
	ST106-AR-1065INLET-30122009	AIR	N	5 Days - A	12/30/2009		1/4/2010
	ST106-AR-1065POSTE1-02262010	AIR	N	11 Days - A	2/26/2010		3/9/2010
	ST106-AR-1065POSTE2-02262010	AIR	N	11 Days - A	2/26/2010		3/9/2010
	ST106-AR-1068E1POST-30122009	AIR	N	5 Days - A	12/30/2009		1/4/2010
	ST106-AR-1068E2POST-30122009	AIR	N	5 Days - A	12/30/2009		1/4/2010
	ST106-AR-1068INLET-30122009	AIR	N	5 Days - A	12/30/2009		1/4/2010
	ST106-AR-106INLET-02262010	AIR	N	11 Days - A	2/26/2010		3/9/2010
	ST106-AR-106INLET-09122009	AIR	N	6 Days - A	12/9/2009		12/15/2009
	ST106-AR-106POSTE1-02262010	AIR	N	11 Days - A	2/26/2010		3/9/2010
	ST106-AR-106POSTE1-09122009	AIR	N	6 Days - A	12/9/2009		12/15/2009
TO15	ST106-AR-1065E2POST-30122009	AIR	N	6 Days - A	12/30/2009		1/5/2010
	ST106-AR-1065INLET-02262010	AIR	N	14 Days - A	2/26/2010		3/12/2010
	ST106-AR-1065INLET-30122009	AIR	N	6 Days - A	12/30/2009		1/5/2010
	ST106-AR-1065POSTE1-02262010	AIR	N	17 Days - A	2/26/2010		3/15/2010
	ST106-AR-1065POSTE2-02262010	AIR	N	17 Days - A	2/26/2010		3/15/2010
	ST106-AR-1068E1POST-30122009	AIR	N	6 Days - A	12/30/2009		1/5/2010
	ST106-AR-1068E2POST-30122009	AIR	N	7 Days - A	12/30/2009		1/6/2010
	ST106-AR-1068INLET-30122009	AIR	N	6 Days - A	12/30/2009		1/5/2010
	ST106-AR-106INLET-02262010	AIR	N	17 Days - A	2/26/2010		3/15/2010
	ST106-AR-106INLET-09122009	AIR	N	12 Days - A	12/9/2009		12/21/2009
	ST106-AR-106POSTE1-02262010	AIR	N	17 Days - A	2/26/2010		3/15/2010
	ST106-AR-106POSTE1-09122009	AIR	N	9 Days - A	12/9/2009		12/18/2009

Table B-10. Summary of Holding Times for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

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 B-11. Summary of Method Blank Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
A2720C											
	XB1-0104	AIR	LB	I3064	Carbon Dioxide	1/4/2010	0.03	0.03	0.5	U	PERCENT
	XB1-0104		LB	I3064	Carbon Monoxide	1/4/2010	0.04	0.04	0.5	U	PERCENT
	XB1-0104		LB	I3064	Methane	1/4/2010	0.04	0.04	0.5	U	PERCENT
	XB1-0104		LB	I3064	Nitrogen	1/4/2010	0.04	0.04	1	U	PERCENT
	XB1-0104		LB	I3064	Oxygen	1/4/2010	0.03	0.03	0.6	U	PERCENT
	XB1-0310		LB	J1311	Carbon Dioxide	3/10/2010	0.03	0.03	0.5	U	PERCENT
	XB1-0310		LB	J1304	Carbon Dioxide	3/10/2010	0.03	0.03	0.5	U	PERCENT
	XB1-0310		LB	J1304	Carbon Monoxide	3/10/2010	0.04	0.04	0.5	U	PERCENT
	XB1-0310		LB	J1311	Carbon Monoxide	3/10/2010	0.04	0.04	0.5	U	PERCENT
	XB1-0310		LB	J1304	Methane	3/10/2010	0.04	0.04	0.5	U	PERCENT
	XB1-0310		LB	J1311	Methane	3/10/2010	0.04	0.04	0.5	U	PERCENT
	XB1-0310		LB	J1304	Nitrogen	3/10/2010	0.33	0.04	1	J	PERCENT
	XB1-0310		LB	J1311	Nitrogen	3/10/2010	0.33	0.04	1	J	PERCENT
	XB1-0310		LB	J1304	Oxygen	3/10/2010	0.13	0.03	0.6	J	PERCENT
	XB1-0310		LB	J1311	Oxygen	3/10/2010	0.13	0.03	0.6	J	PERCENT
	XB2-1216		LB	I2953	Carbon Dioxide	12/16/2009	0.03	0.03	0.5	U	PERCENT
	XB2-1216		LB	I2953	Carbon Monoxide	12/16/2009	0.04	0.04	0.5	U	PERCENT
	XB2-1216		LB	I2953	Methane	12/16/2009	0.04	0.04	0.5	U	PERCENT
	XB2-1216		LB	I2953	Nitrogen	12/16/2009	0.04	0.04	1	U	PERCENT
	XB2-1216		LB	I2953	Oxygen	12/16/2009	0.03	0.03	0.6	U	PERCENT
SW8015M											
	XB1-0104	AIR	LB	I3064	TPH-Gasoline	1/4/2010	2.25	0.73	25	J	UG/L
	XB1-0309		LB	J1311	TPH-Gasoline	3/9/2010	3.51	0.73	25	J	UG/L
	XB1-0309		LB	J1304	TPH-Gasoline	3/9/2010	3.51	0.73	25	J	UG/L
	XB1-1215		LB	I2953	TPH-Gasoline	12/15/2009	2.74	0.73	25	J	UG/L
TO15											
	XB2-0106	AIR	LB	I3064	1,1,1-Trichloroethane	1/6/2010	0.05	0.05	0.5	U	PPBV
	XB2-0106		LB	I3064	1,1,2,2-Tetrachloroethane	1/6/2010	0.06	0.06	0.5	U	PPBV
	XB2-0106		LB	I3064	1,1,2-Trichloroethane	1/6/2010	0.06	0.06	0.5	U	PPBV
	XB2-0106		LB	I3064	1,1-Dichloroethane	1/6/2010	0.07	0.07	0.5	U	PPBV
	XB2-0106		LB	I3064	1,1-Dichloroethene	1/6/2010	0.04	0.04	0.5	U	PPBV
	XB2-0106		LB	I3064	1,2,4-Trichlorobenzene	1/6/2010	0.06	0.06	0.5	U	PPBV
	XB2-0106		LB	I3064	1,2,4-Trimethylbenzene	1/6/2010	0.05	0.05	0.5	U	PPBV

Table B-11. Summary of Method Blank Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO15											
	XB2-0106	AIR	LB	I3064	1,2-Dibromoethane	1/6/2010	0.05	0.05	0.5	U	PPBV
	XB2-0106		LB	I3064	1,2-Dichloro-1,1,2,2-tetrafluoroethane	1/6/2010	0.07	0.07	0.5	U	PPBV
	XB2-0106		LB	I3064	1,2-Dichlorobenzene	1/6/2010	0.05	0.05	0.5	U	PPBV
	XB2-0106		LB	I3064	1,2-Dichloroethane	1/6/2010	0.06	0.06	0.5	U	PPBV
	XB2-0106		LB	I3064	1,2-Dichloropropane	1/6/2010	0.06	0.06	0.5	U	PPBV
	XB2-0106		LB	I3064	1,3,5-Trimethylbenzene	1/6/2010	0.06	0.06	0.5	U	PPBV
	XB2-0106		LB	I3064	1,3-Dichlorobenzene	1/6/2010	0.05	0.05	0.5	U	PPBV
	XB2-0106		LB	I3064	1,4-Dichlorobenzene	1/6/2010	0.05	0.05	0.5	U	PPBV
	XB2-0106		LB	I3064	2-Butanone	1/6/2010	0.02	0.02	1	U	PPBV
	XB2-0106		LB	I3064	Acetone	1/6/2010	0.33	0.23	1	J	PPBV
	XB2-0106		LB	I3064	Benzene	1/6/2010	0.11	0.02	0.5	J	PPBV
	XB2-0106		LB	I3064	Bromomethane	1/6/2010	0.04	0.04	0.5	U	PPBV
	XB2-0106		LB	I3064	Carbon tetrachloride	1/6/2010	0.03	0.03	0.5	U	PPBV
	XB2-0106		LB	I3064	Chlorobenzene	1/6/2010	0.06	0.06	0.5	U	PPBV
	XB2-0106		LB	I3064	Chloroethane	1/6/2010	0.08	0.08	0.5	U	PPBV
	XB2-0106		LB	I3064	Chloroform	1/6/2010	0.07	0.07	0.5	U	PPBV
	XB2-0106		LB	I3064	Chloromethane	1/6/2010	0.04	0.04	0.5	U	PPBV
	XB2-0106		LB	I3064	cis-1,2-Dichloroethene	1/6/2010	0.08	0.08	0.5	U	PPBV
	XB2-0106		LB	I3064	cis-1,3-Dichloropropene	1/6/2010	0.04	0.04	0.5	U	PPBV
	XB2-0106		LB	I3064	Dichlorodifluoromethane	1/6/2010	0.08	0.08	0.5	U	PPBV
	XB2-0106		LB	I3064	Ethylbenzene	1/6/2010	0.06	0.06	0.5	U	PPBV
	XB2-0106		LB	I3064	Hexachlorobutadiene	1/6/2010	0.04	0.04	0.5	U	PPBV
	XB2-0106		LB	I3064	m,p-Xylene	1/6/2010	0.15	0.15	0.5	U	PPBV
	XB2-0106		LB	I3064	Methyl tert-butyl ether (MTBE)	1/6/2010	0.09	0.09	1	U	PPBV
	XB2-0106		LB	I3064	Methylene chloride	1/6/2010	0.28	0.07	2.5	J	PPBV
	XB2-0106		LB	I3064	o-Xylene	1/6/2010	0.07	0.07	0.5	U	PPBV
	XB2-0106		LB	I3064	Styrene	1/6/2010	0.05	0.05	0.5	U	PPBV
	XB2-0106		LB	I3064	Tetrachloroethene	1/6/2010	0.07	0.07	0.5	U	PPBV
	XB2-0106		LB	I3064	Toluene	1/6/2010	0.09	0.09	0.5	U	PPBV
	XB2-0106		LB	I3064	trans-1,3-Dichloropropene	1/6/2010	0.04	0.04	0.5	U	PPBV
	XB2-0106		LB	I3064	Trichloroethene	1/6/2010	0.18	0.07	0.5	J	PPBV
	XB2-0106		LB	I3064	Trichlorofluoromethane	1/6/2010	0.08	0.08	0.5	U	PPBV
	XB2-0106		LB	I3064	Trichlorotrifluoroethane	1/6/2010	0.07	0.07	0.5	U	PPBV

Table B-11. Summary of Method Blank Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO15											
	XB2-0106	AIR	LB	I3064	Vinyl Chloride	1/6/2010	0.09	0.09	0.5	U	PPBV
	XB2-0312		LB	J1304	1,1,1-Trichloroethane	3/12/2010	0.05	0.05	0.5	U	PPBV
	XB2-0312		LB	J1304	1,1,2,2-Tetrachloroethane	3/12/2010	0.06	0.06	0.5	U	PPBV
	XB2-0312		LB	J1304	1,1,2-Trichloroethane	3/12/2010	0.06	0.06	0.5	U	PPBV
	XB2-0312		LB	J1304	1,1-Dichloroethane	3/12/2010	0.07	0.07	0.5	U	PPBV
	XB2-0312		LB	J1304	1,1-Dichloroethene	3/12/2010	0.04	0.04	0.5	U	PPBV
	XB2-0312		LB	J1304	1,2,4-Trichlorobenzene	3/12/2010	0.06	0.06	0.5	U	PPBV
	XB2-0312		LB	J1304	1,2,4-Trimethylbenzene	3/12/2010	0.05	0.05	0.5	U	PPBV
	XB2-0312		LB	J1304	1,2-Dibromoethane	3/12/2010	0.05	0.05	0.5	U	PPBV
	XB2-0312		LB	J1304	1,2-Dichloro-1,1,2,2-tetrafluoroethane	3/12/2010	0.12	0.07	0.5	J	PPBV
	XB2-0312		LB	J1304	1,2-Dichlorobenzene	3/12/2010	0.05	0.05	0.5	U	PPBV
	XB2-0312		LB	J1304	1,2-Dichloroethane	3/12/2010	0.06	0.06	0.5	U	PPBV
	XB2-0312		LB	J1304	1,2-Dichloropropane	3/12/2010	0.06	0.06	0.5	U	PPBV
	XB2-0312		LB	J1304	1,3,5-Trimethylbenzene	3/12/2010	0.06	0.06	0.5	U	PPBV
	XB2-0312		LB	J1304	1,3-Dichlorobenzene	3/12/2010	0.05	0.05	0.5	U	PPBV
	XB2-0312		LB	J1304	1,4-Dichlorobenzene	3/12/2010	0.05	0.05	0.5	U	PPBV
	XB2-0312		LB	J1304	2-Butanone	3/12/2010	0.02	0.02	1	U	PPBV
	XB2-0312		LB	J1304	Acetone	3/12/2010	0.3	0.23	1	J	PPBV
	XB2-0312		LB	J1304	Benzene	3/12/2010	0.02	0.02	0.5	U	PPBV
	XB2-0312		LB	J1304	Bromomethane	3/12/2010	0.04	0.04	0.5	U	PPBV
	XB2-0312		LB	J1304	Carbon tetrachloride	3/12/2010	0.03	0.03	0.5	U	PPBV
	XB2-0312		LB	J1304	Chlorobenzene	3/12/2010	0.06	0.06	0.5	U	PPBV
	XB2-0312		LB	J1304	Chloroethane	3/12/2010	0.08	0.08	0.5	U	PPBV
	XB2-0312		LB	J1304	Chloroform	3/12/2010	0.07	0.07	0.5	U	PPBV
	XB2-0312		LB	J1304	Chloromethane	3/12/2010	0.04	0.04	0.5	U	PPBV
	XB2-0312		LB	J1304	cis-1,2-Dichloroethene	3/12/2010	0.08	0.08	0.5	U	PPBV
	XB2-0312		LB	J1304	cis-1,3-Dichloropropene	3/12/2010	0.04	0.04	0.5	U	PPBV
	XB2-0312		LB	J1304	Dichlorodifluoromethane	3/12/2010	0.08	0.08	0.5	U	PPBV
	XB2-0312		LB	J1304	Ethylbenzene	3/12/2010	0.06	0.06	0.5	U	PPBV
	XB2-0312		LB	J1304	Hexachlorobutadiene	3/12/2010	0.04	0.04	0.5	U	PPBV
	XB2-0312		LB	J1304	m,p-Xylene	3/12/2010	0.15	0.15	0.5	U	PPBV
	XB2-0312		LB	J1304	Methyl tert-butyl ether (MTBE)	3/12/2010	0.09	0.09	1	U	PPBV
	XB2-0312		LB	J1304	Methylene chloride	3/12/2010	0.42	0.07	2.5	J	PPBV

Table B-11. Summary of Method Blank Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO15											
	XB2-0312	AIR	LB	J1304	o-Xylene	3/12/2010	0.07	0.07	0.5	U	PPBV
	XB2-0312		LB	J1304	Styrene	3/12/2010	0.05	0.05	0.5	U	PPBV
	XB2-0312		LB	J1304	Tetrachloroethene	3/12/2010	0.07	0.07	0.5	U	PPBV
	XB2-0312		LB	J1304	Toluene	3/12/2010	0.09	0.09	0.5	U	PPBV
	XB2-0312		LB	J1304	trans-1,3-Dichloropropene	3/12/2010	0.04	0.04	0.5	U	PPBV
	XB2-0312		LB	J1304	Trichloroethene	3/12/2010	0.07	0.07	0.5	U	PPBV
	XB2-0312		LB	J1304	Trichlorofluoromethane	3/12/2010	0.08	0.08	0.5	U	PPBV
	XB2-0312		LB	J1304	Trichlorotrifluoroethane	3/12/2010	0.07	0.07	0.5	U	PPBV
	XB2-0312		LB	J1304	Vinyl Chloride	3/12/2010	0.09	0.09	0.5	U	PPBV
	XB3-1218		LB	I2953	1,1,1-Trichloroethane	12/18/2009	0.05	0.05	0.5	U	PPBV
	XB3-1218		LB	I2953	1,1,2,2-Tetrachloroethane	12/18/2009	0.06	0.06	0.5	U	PPBV
	XB3-1218		LB	I2953	1,1,2-Trichloroethane	12/18/2009	0.06	0.06	0.5	U	PPBV
	XB3-1218		LB	I2953	1,1-Dichloroethane	12/18/2009	0.07	0.07	0.5	U	PPBV
	XB3-1218		LB	I2953	1,1-Dichloroethene	12/18/2009	0.04	0.04	0.5	U	PPBV
	XB3-1218		LB	I2953	1,2,4-Trichlorobenzene	12/18/2009	0.06	0.06	0.5	U	PPBV
	XB3-1218		LB	I2953	1,2,4-Trimethylbenzene	12/18/2009	0.05	0.05	0.5	U	PPBV
	XB3-1218		LB	I2953	1,2-Dibromoethane	12/18/2009	0.05	0.05	0.5	U	PPBV
	XB3-1218		LB	I2953	1,2-Dichloro-1,1,2,2-tetrafluoroethane	12/18/2009	0.07	0.07	0.5	U	PPBV
	XB3-1218		LB	I2953	1,2-Dichlorobenzene	12/18/2009	0.05	0.05	0.5	U	PPBV
	XB3-1218		LB	I2953	1,2-Dichloroethane	12/18/2009	0.06	0.06	0.5	U	PPBV
	XB3-1218		LB	I2953	1,2-Dichloropropane	12/18/2009	0.06	0.06	0.5	U	PPBV
	XB3-1218		LB	I2953	1,3,5-Trimethylbenzene	12/18/2009	0.06	0.06	0.5	U	PPBV
	XB3-1218		LB	I2953	1,3-Dichlorobenzene	12/18/2009	0.05	0.05	0.5	U	PPBV
	XB3-1218		LB	I2953	1,4-Dichlorobenzene	12/18/2009	0.05	0.05	0.5	U	PPBV
	XB3-1218		LB	I2953	2-Butanone	12/18/2009	0.09	0.02	2.5	J	PPBV
	XB3-1218		LB	I2953	Acetone	12/18/2009	0.23	0.23	2.5	U	PPBV
	XB3-1218		LB	I2953	Benzene	12/18/2009	0.02	0.02	0.5	U	PPBV
	XB3-1218		LB	I2953	Bromomethane	12/18/2009	0.04	0.04	0.5	U	PPBV
	XB3-1218		LB	I2953	Carbon tetrachloride	12/18/2009	0.03	0.03	0.5	U	PPBV
	XB3-1218		LB	I2953	Chlorobenzene	12/18/2009	0.06	0.06	0.5	U	PPBV
	XB3-1218		LB	I2953	Chloroethane	12/18/2009	0.08	0.08	0.5	U	PPBV
	XB3-1218		LB	I2953	Chloroform	12/18/2009	0.07	0.07	0.5	U	PPBV
	XB3-1218		LB	I2953	Chloromethane	12/18/2009	0.04	0.04	0.5	U	PPBV

Table B-11. Summary of Method Blank Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO15											
	XB3-1218	AIR	LB	I2953	cis-1,2-Dichloroethene	12/18/2009	0.08	0.08	0.5	U	PPBV
	XB3-1218		LB	I2953	cis-1,3-Dichloropropene	12/18/2009	0.04	0.04	0.5	U	PPBV
	XB3-1218		LB	I2953	Dichlorodifluoromethane	12/18/2009	0.08	0.08	0.5	U	PPBV
	XB3-1218		LB	I2953	Ethylbenzene	12/18/2009	0.06	0.06	0.5	U	PPBV
	XB3-1218		LB	I2953	Hexachlorobutadiene	12/18/2009	0.04	0.04	0.5	U	PPBV
	XB3-1218		LB	I2953	m,p-Xylene	12/18/2009	0.15	0.15	1	U	PPBV
	XB3-1218		LB	I2953	Methyl tert-butyl ether (MTBE)	12/18/2009	0.09	0.09	2.5	U	PPBV
	XB3-1218		LB	I2953	Methylene chloride	12/18/2009	0.37	0.07	2.5	J	PPBV
	XB3-1218		LB	I2953	o-Xylene	12/18/2009	0.07	0.07	0.5	U	PPBV
	XB3-1218		LB	I2953	Styrene	12/18/2009	0.05	0.05	0.5	U	PPBV
	XB3-1218		LB	I2953	Tetrachloroethene	12/18/2009	0.07	0.07	0.5	U	PPBV
	XB3-1218		LB	I2953	Toluene	12/18/2009	0.09	0.09	0.5	U	PPBV
	XB3-1218		LB	I2953	trans-1,3-Dichloropropene	12/18/2009	0.04	0.04	0.5	U	PPBV
	XB3-1218		LB	I2953	Trichloroethene	12/18/2009	0.34	0.07	0.5	J	PPBV
	XB3-1218		LB	I2953	Trichlorofluoromethane	12/18/2009	0.08	0.08	0.5	U	PPBV
	XB3-1218		LB	I2953	Trichlorotrifluoroethane	12/18/2009	0.07	0.07	0.5	U	PPBV
	XB3-1218		LB	I2953	Vinyl Chloride	12/18/2009	0.09	0.09	0.5	U	PPBV
	XB3-1221		LB	I2953	1,1,1-Trichloroethane	12/21/2009	0.05	0.05	0.5	U	PPBV
	XB3-1221		LB	I2953	1,1,2,2-Tetrachloroethane	12/21/2009	0.06	0.06	0.5	U	PPBV
	XB3-1221		LB	I2953	1,1,2-Trichloroethane	12/21/2009	0.06	0.06	0.5	U	PPBV
	XB3-1221		LB	I2953	1,1-Dichloroethane	12/21/2009	0.07	0.07	0.5	U	PPBV
	XB3-1221		LB	I2953	1,1-Dichloroethene	12/21/2009	0.04	0.04	0.5	U	PPBV
	XB3-1221		LB	I2953	1,2,4-Trichlorobenzene	12/21/2009	0.06	0.06	0.5	U	PPBV
	XB3-1221		LB	I2953	1,2,4-Trimethylbenzene	12/21/2009	0.05	0.05	0.5	U	PPBV
	XB3-1221		LB	I2953	1,2-Dibromoethane	12/21/2009	0.05	0.05	0.5	U	PPBV
	XB3-1221		LB	I2953	1,2-Dichloro-1,1,2,2-tetrafluoroethane	12/21/2009	0.07	0.07	0.5	U	PPBV
	XB3-1221		LB	I2953	1,2-Dichlorobenzene	12/21/2009	0.05	0.05	0.5	U	PPBV
	XB3-1221		LB	I2953	1,2-Dichloroethane	12/21/2009	0.06	0.06	0.5	U	PPBV
	XB3-1221		LB	I2953	1,2-Dichloropropane	12/21/2009	0.06	0.06	0.5	U	PPBV
	XB3-1221		LB	I2953	1,3,5-Trimethylbenzene	12/21/2009	0.06	0.06	0.5	U	PPBV
	XB3-1221		LB	I2953	1,3-Dichlorobenzene	12/21/2009	0.05	0.05	0.5	U	PPBV
	XB3-1221		LB	I2953	1,4-Dichlorobenzene	12/21/2009	0.05	0.05	0.5	U	PPBV
	XB3-1221		LB	I2953	2-Butanone	12/21/2009	0.02	0.02	2.5	U	PPBV

Table B-11. Summary of Method Blank Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO15											
	XB3-1221	AIR	LB	I2953	Acetone	12/21/2009	0.23	0.23	2.5	U	PPBV
	XB3-1221		LB	I2953	Benzene	12/21/2009	0.17	0.02	0.5	J	PPBV
	XB3-1221		LB	I2953	Bromomethane	12/21/2009	0.04	0.04	0.5	U	PPBV
	XB3-1221		LB	I2953	Carbon tetrachloride	12/21/2009	0.03	0.03	0.5	U	PPBV
	XB3-1221		LB	I2953	Chlorobenzene	12/21/2009	0.06	0.06	0.5	U	PPBV
	XB3-1221		LB	I2953	Chloroethane	12/21/2009	0.08	0.08	0.5	U	PPBV
	XB3-1221		LB	I2953	Chloroform	12/21/2009	0.07	0.07	0.5	U	PPBV
	XB3-1221		LB	I2953	Chloromethane	12/21/2009	0.04	0.04	0.5	U	PPBV
	XB3-1221		LB	I2953	cis-1,2-Dichloroethene	12/21/2009	0.08	0.08	0.5	U	PPBV
	XB3-1221		LB	I2953	cis-1,3-Dichloropropene	12/21/2009	0.04	0.04	0.5	U	PPBV
	XB3-1221		LB	I2953	Dichlorodifluoromethane	12/21/2009	0.08	0.08	0.5	U	PPBV
	XB3-1221		LB	I2953	Ethylbenzene	12/21/2009	0.06	0.06	0.5	U	PPBV
	XB3-1221		LB	I2953	Hexachlorobutadiene	12/21/2009	0.04	0.04	0.5	U	PPBV
	XB3-1221		LB	I2953	m,p-Xylene	12/21/2009	0.15	0.15	1	U	PPBV
	XB3-1221		LB	I2953	Methyl tert-butyl ether (MTBE)	12/21/2009	0.09	0.09	2.5	U	PPBV
	XB3-1221		LB	I2953	Methylene chloride	12/21/2009	0.49	0.07	2.5	J	PPBV
	XB3-1221		LB	I2953	o-Xylene	12/21/2009	0.07	0.07	0.5	U	PPBV
	XB3-1221		LB	I2953	Styrene	12/21/2009	0.05	0.05	0.5	U	PPBV
	XB3-1221		LB	I2953	Tetrachloroethene	12/21/2009	0.07	0.07	0.5	U	PPBV
	XB3-1221		LB	I2953	Toluene	12/21/2009	0.09	0.09	0.5	U	PPBV
	XB3-1221		LB	I2953	trans-1,3-Dichloropropene	12/21/2009	0.04	0.04	0.5	U	PPBV
	XB3-1221		LB	I2953	Trichloroethene	12/21/2009	0.42	0.07	0.5	J	PPBV
	XB3-1221		LB	I2953	Trichlorofluoromethane	12/21/2009	0.08	0.08	0.5	U	PPBV
	XB3-1221		LB	I2953	Trichlorotrifluoroethane	12/21/2009	0.07	0.07	0.5	U	PPBV
	XB3-1221		LB	I2953	Vinyl Chloride	12/21/2009	0.09	0.09	0.5	U	PPBV
	XB4-0105		LB	I3064	1,1,1-Trichloroethane	1/5/2010	0.05	0.05	0.5	U	PPBV
	XB4-0105		LB	I3064	1,1,2,2-Tetrachloroethane	1/5/2010	0.06	0.06	0.5	U	PPBV
	XB4-0105		LB	I3064	1,1,2-Trichloroethane	1/5/2010	0.06	0.06	0.5	U	PPBV
	XB4-0105		LB	I3064	1,1-Dichloroethane	1/5/2010	0.07	0.07	0.5	U	PPBV
	XB4-0105		LB	I3064	1,1-Dichloroethene	1/5/2010	0.04	0.04	0.5	U	PPBV
	XB4-0105		LB	I3064	1,2,4-Trichlorobenzene	1/5/2010	0.06	0.06	0.5	U	PPBV
	XB4-0105		LB	I3064	1,2,4-Trimethylbenzene	1/5/2010	0.05	0.05	0.5	U	PPBV
	XB4-0105		LB	I3064	1,2-Dibromoethane	1/5/2010	0.05	0.05	0.5	U	PPBV

Table B-11. Summary of Method Blank Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO15											
	XB4-0105	AIR	LB	I3064	1,2-Dichloro-1,1,2,2-tetrafluoroethane	1/5/2010	0.07	0.07	0.5	U	PPBV
	XB4-0105		LB	I3064	1,2-Dichlorobenzene	1/5/2010	0.05	0.05	0.5	U	PPBV
	XB4-0105		LB	I3064	1,2-Dichloroethane	1/5/2010	0.06	0.06	0.5	U	PPBV
	XB4-0105		LB	I3064	1,2-Dichloropropane	1/5/2010	0.06	0.06	0.5	U	PPBV
	XB4-0105		LB	I3064	1,3,5-Trimethylbenzene	1/5/2010	0.06	0.06	0.5	U	PPBV
	XB4-0105		LB	I3064	1,3-Dichlorobenzene	1/5/2010	0.05	0.05	0.5	U	PPBV
	XB4-0105		LB	I3064	1,4-Dichlorobenzene	1/5/2010	0.05	0.05	0.5	U	PPBV
	XB4-0105		LB	I3064	2-Butanone	1/5/2010	0.02	0.02	1	U	PPBV
	XB4-0105		LB	I3064	Acetone	1/5/2010	0.28	0.23	1	J	PPBV
	XB4-0105		LB	I3064	Benzene	1/5/2010	0.11	0.02	0.5	J	PPBV
	XB4-0105		LB	I3064	Bromomethane	1/5/2010	0.04	0.04	0.5	U	PPBV
	XB4-0105		LB	I3064	Carbon tetrachloride	1/5/2010	0.03	0.03	0.5	U	PPBV
	XB4-0105		LB	I3064	Chlorobenzene	1/5/2010	0.06	0.06	0.5	U	PPBV
	XB4-0105		LB	I3064	Chloroethane	1/5/2010	0.08	0.08	0.5	U	PPBV
	XB4-0105		LB	I3064	Chloroform	1/5/2010	0.07	0.07	0.5	U	PPBV
	XB4-0105		LB	I3064	Chloromethane	1/5/2010	0.04	0.04	0.5	U	PPBV
	XB4-0105		LB	I3064	cis-1,2-Dichloroethene	1/5/2010	0.08	0.08	0.5	U	PPBV
	XB4-0105		LB	I3064	cis-1,3-Dichloropropene	1/5/2010	0.04	0.04	0.5	U	PPBV
	XB4-0105		LB	I3064	Dichlorodifluoromethane	1/5/2010	0.08	0.08	0.5	U	PPBV
	XB4-0105		LB	I3064	Ethylbenzene	1/5/2010	0.06	0.06	0.5	U	PPBV
	XB4-0105		LB	I3064	Hexachlorobutadiene	1/5/2010	0.04	0.04	0.5	U	PPBV
	XB4-0105		LB	I3064	m,p-Xylene	1/5/2010	0.15	0.15	0.5	U	PPBV
	XB4-0105		LB	I3064	Methyl tert-butyl ether (MTBE)	1/5/2010	0.09	0.09	1	U	PPBV
	XB4-0105		LB	I3064	Methylene chloride	1/5/2010	0.31	0.07	2.5	J	PPBV
	XB4-0105		LB	I3064	o-Xylene	1/5/2010	0.07	0.07	0.5	U	PPBV
	XB4-0105		LB	I3064	Styrene	1/5/2010	0.05	0.05	0.5	U	PPBV
	XB4-0105		LB	I3064	Tetrachloroethene	1/5/2010	0.07	0.07	0.5	U	PPBV
	XB4-0105		LB	I3064	Toluene	1/5/2010	0.09	0.09	0.5	U	PPBV
	XB4-0105		LB	I3064	trans-1,3-Dichloropropene	1/5/2010	0.04	0.04	0.5	U	PPBV
	XB4-0105		LB	I3064	Trichloroethene	1/5/2010	0.16	0.07	0.5	J	PPBV
	XB4-0105		LB	I3064	Trichlorofluoromethane	1/5/2010	0.08	0.08	0.5	U	PPBV
	XB4-0105		LB	I3064	Trichlorotrifluoroethane	1/5/2010	0.07	0.07	0.5	U	PPBV
	XB4-0105		LB	I3064	Vinyl Chloride	1/5/2010	0.09	0.09	0.5	U	PPBV

Table B-11. Summary of Method Blank Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO15											
	XB4-0315	AIR	LB	J1304	1,1,1-Trichloroethane	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1311	1,1,1-Trichloroethane	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1304	1,1,2,2-Tetrachloroethane	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1311	1,1,2,2-Tetrachloroethane	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1304	1,1,2-Trichloroethane	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1311	1,1,2-Trichloroethane	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1304	1,1-Dichloroethane	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1311	1,1-Dichloroethane	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1304	1,1-Dichloroethene	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1311	1,1-Dichloroethene	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1311	1,2,4-Trichlorobenzene	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1304	1,2,4-Trichlorobenzene	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1304	1,2,4-Trimethylbenzene	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1311	1,2,4-Trimethylbenzene	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1304	1,2-Dibromoethane	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1311	1,2-Dibromoethane	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1311	1,2-Dichloro-1,1,2,2-tetrafluoroethane	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1304	1,2-Dichloro-1,1,2,2-tetrafluoroethane	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1311	1,2-Dichlorobenzene	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1304	1,2-Dichlorobenzene	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1304	1,2-Dichloroethane	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1311	1,2-Dichloroethane	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1304	1,2-Dichloropropane	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1311	1,2-Dichloropropane	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1304	1,3,5-Trimethylbenzene	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1311	1,3,5-Trimethylbenzene	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1304	1,3-Dichlorobenzene	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1311	1,3-Dichlorobenzene	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1304	1,4-Dichlorobenzene	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1311	1,4-Dichlorobenzene	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1304	2-Butanone	3/15/2010	0.02	0.02	1	U	PPBV
	XB4-0315		LB	J1311	2-Butanone	3/15/2010	0.02	0.02	1	U	PPBV
	XB4-0315		LB	J1311	Acetone	3/15/2010	0.29	0.23	1	J	PPBV

Table B-11. Summary of Method Blank Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO15											
	XB4-0315	AIR	LB	J1304	Acetone	3/15/2010	0.29	0.23	1	J	PPBV
	XB4-0315		LB	J1304	Benzene	3/15/2010	0.15	0.02	0.5	J	PPBV
	XB4-0315		LB	J1311	Benzene	3/15/2010	0.15	0.02	0.5	J	PPBV
	XB4-0315		LB	J1304	Bromomethane	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1311	Bromomethane	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1311	Carbon tetrachloride	3/15/2010	0.03	0.03	0.5	U	PPBV
	XB4-0315		LB	J1304	Carbon tetrachloride	3/15/2010	0.03	0.03	0.5	U	PPBV
	XB4-0315		LB	J1304	Chlorobenzene	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1311	Chlorobenzene	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1304	Chloroethane	3/15/2010	0.08	0.08	0.5	U	PPBV
	XB4-0315		LB	J1311	Chloroethane	3/15/2010	0.08	0.08	0.5	U	PPBV
	XB4-0315		LB	J1311	Chloroform	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1304	Chloroform	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1311	Chloromethane	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1304	Chloromethane	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1311	cis-1,2-Dichloroethene	3/15/2010	0.08	0.08	0.5	U	PPBV
	XB4-0315		LB	J1304	cis-1,2-Dichloroethene	3/15/2010	0.08	0.08	0.5	U	PPBV
	XB4-0315		LB	J1311	cis-1,3-Dichloropropene	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1304	cis-1,3-Dichloropropene	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1311	Dichlorodifluoromethane	3/15/2010	0.08	0.08	0.5	U	PPBV
	XB4-0315		LB	J1304	Dichlorodifluoromethane	3/15/2010	0.08	0.08	0.5	U	PPBV
	XB4-0315		LB	J1311	Ethylbenzene	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1304	Ethylbenzene	3/15/2010	0.06	0.06	0.5	U	PPBV
	XB4-0315		LB	J1311	Hexachlorobutadiene	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1304	Hexachlorobutadiene	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1311	m,p-Xylene	3/15/2010	0.15	0.15	0.5	U	PPBV
	XB4-0315		LB	J1304	m,p-Xylene	3/15/2010	0.15	0.15	0.5	U	PPBV
	XB4-0315		LB	J1304	Methyl tert-butyl ether (MTBE)	3/15/2010	0.09	0.09	1	U	PPBV
	XB4-0315		LB	J1311	Methyl tert-butyl ether (MTBE)	3/15/2010	0.09	0.09	1	U	PPBV
	XB4-0315		LB	J1311	Methylene chloride	3/15/2010	0.49	0.07	2.5	J	PPBV
	XB4-0315		LB	J1304	Methylene chloride	3/15/2010	0.49	0.07	2.5	J	PPBV
	XB4-0315		LB	J1304	o-Xylene	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1311	o-Xylene	3/15/2010	0.07	0.07	0.5	U	PPBV

Table B-11. Summary of Method Blank Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	Blank ID	Matrix	Blank Type*	SDG	Analyte	Analysis Date	Result	MDL	RL	Flag	Units
TO15											
	XB4-0315	AIR	LB	J1304	Styrene	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1311	Styrene	3/15/2010	0.05	0.05	0.5	U	PPBV
	XB4-0315		LB	J1304	Tetrachloroethene	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1311	Tetrachloroethene	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1311	Toluene	3/15/2010	0.13	0.09	0.5	J	PPBV
	XB4-0315		LB	J1304	Toluene	3/15/2010	0.13	0.09	0.5	J	PPBV
	XB4-0315		LB	J1304	trans-1,3-Dichloropropene	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1311	trans-1,3-Dichloropropene	3/15/2010	0.04	0.04	0.5	U	PPBV
	XB4-0315		LB	J1311	Trichloroethene	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1304	Trichloroethene	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1311	Trichlorofluoromethane	3/15/2010	0.08	0.08	0.5	U	PPBV
	XB4-0315		LB	J1304	Trichlorofluoromethane	3/15/2010	0.08	0.08	0.5	U	PPBV
	XB4-0315		LB	J1304	Trichlorotrifluoroethane	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1311	Trichlorotrifluoroethane	3/15/2010	0.07	0.07	0.5	U	PPBV
	XB4-0315		LB	J1311	Vinyl Chloride	3/15/2010	0.09	0.09	0.5	U	PPBV
	XB4-0315		LB	J1304	Vinyl Chloride	3/15/2010	0.09	0.09	0.5	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 B-12. Summary of Laboratory Control Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
A2720C							
	BS1X0104	AIR	I3064	Carbon Dioxide	103	80	120
	BS1X0104		I3064	Carbon Monoxide	102	80	120
	BS1X0104		I3064	Methane	100	80	120
	BS1X0104		I3064	Nitrogen	115	80	120
	BS1X0104		I3064	Oxygen	102	80	120
	BS1X0301		J1304	Carbon Dioxide	98	80	120
	BS1X0301		J1311	Carbon Dioxide	98	80	120
	BS1X0301		J1304	Carbon Monoxide	98	80	120
	BS1X0301		J1311	Carbon Monoxide	98	80	120
	BS1X0301		J1304	Methane	96	80	120
	BS1X0301		J1311	Methane	96	80	120
	BS1X0301		J1311	Nitrogen	110	80	120
	BS1X0301		J1304	Nitrogen	110	80	120
	BS1X0301		J1311	Oxygen	97	80	120
	BS1X0301		J1304	Oxygen	97	80	120
	BS1X1216		I2953	Carbon Dioxide	101	80	120
	BS1X1216		I2953	Carbon Monoxide	101	80	120
	BS1X1216		I2953	Methane	97	80	120
	BS1X1216		I2953	Nitrogen	102	80	120
	BS1X1216		I2953	Oxygen	97	80	120
SW8015M							
	BS1X0104	AIR	I3064	TPH-Gasoline	98	70	130
	BS1X0309		J1311	TPH-Gasoline	93	70	130
	BS1X0309		J1304	TPH-Gasoline	93	70	130
	BS1X1215		I2953	TPH-Gasoline	97	70	130
TO15							
	BS1X-0105	AIR	I3064	1,1,1-Trichloroethane	99	70	130
	BS1X-0105		I3064	1,1,2,2-Tetrachloroethane	103	70	130
	BS1X-0105		I3064	1,1,2-Trichloro-1,2,2-Trifluoroethane	98	70	130
	BS1X-0105		I3064	1,1,2-Trichloroethane	96	70	130
	BS1X-0105		I3064	1,1-Dichloroethane	99	70	130
	BS1X-0105		I3064	1,1-Dichloroethene	98	70	130
	BS1X-0105		I3064	1,2,4-Trichlorobenzene	111	70	130
	BS1X-0105		I3064	1,2,4-Trimethylbenzene	106	70	130
	BS1X-0105		I3064	1,2-dibromoethane	97	70	130
	BS1X-0105		I3064	1,2-Dichloro-1,1,2,2-tetrafluoroethane	97	70	130
	BS1X-0105		I3064	1,2-Dichlorobenzene	104	70	130
	BS1X-0105		I3064	1,2-Dichloroethane	97	70	130
	BS1X-0105		I3064	1,2-Dichloropropane	95	70	130
	BS1X-0105		I3064	1,3,5-Trimethylbenzene	106	70	130
	BS1X-0105		I3064	1,3-Dichlorobenzene	104	70	130
	BS1X-0105		I3064	1,4-Dichlorobenzene	105	70	130

Table B-12. Summary of Laboratory Control Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO15							
	BS1X-0105	AIR	I3064	2-Butanone	96	70	130
	BS1X-0105		I3064	Acetone	92	70	130
	BS1X-0105		I3064	Benzene	92	70	130
	BS1X-0105		I3064	Bromomethane	116	70	130
	BS1X-0105		I3064	Carbon Tetrachloride	116	70	130
	BS1X-0105		I3064	Chlorobenzene	99	70	130
	BS1X-0105		I3064	Chloroethane	95	70	130
	BS1X-0105		I3064	Chloroform	98	70	130
	BS1X-0105		I3064	Chloromethane	97	70	130
	BS1X-0105		I3064	cis-1,2-Dichloroethene	99	70	130
	BS1X-0105		I3064	cis-1,3-dichloropropene	98	70	130
	BS1X-0105		I3064	Dichlorodifluoromethane	96	70	130
	BS1X-0105		I3064	Ethylbenzene	101	70	130
	BS1X-0105		I3064	Hexachlorobutadiene	116	70	130
	BS1X-0105		I3064	m,p-Xylene	102	70	130
	BS1X-0105		I3064	Methylene chloride	91	70	130
	BS1X-0105		I3064	o-Xylene	102	70	130
	BS1X-0105		I3064	Styrene	106	70	130
	BS1X-0105		I3064	tert-Butyl methyl ether	87	70	130
	BS1X-0105		I3064	Tetrachloroethene	98	70	130
	BS1X-0105		I3064	Toluene	94	70	130
	BS1X-0105		I3064	Trans-1,3-dichloropropene	99	70	130
	BS1X-0105		I3064	Trichloroethene	95	70	130
	BS1X-0105		I3064	Trichlorofluoromethane	97	70	130
	BS1X-0105		I3064	Vinyl chloride	97	70	130
	BS1X0106		I3064	1,1,1-Trichloroethane	95	70	130
	BS1X0106		I3064	1,1,2,2-Tetrachloroethane	99	70	130
	BS1X0106		I3064	1,1,2-Trichloro-1,2,2-Trifluoroethane	94	70	130
	BS1X0106		I3064	1,1,2-Trichloroethane	93	70	130
	BS1X0106		I3064	1,1-Dichloroethane	96	70	130
	BS1X0106		I3064	1,1-Dichloroethene	94	70	130
	BS1X0106		I3064	1,2,4-Trichlorobenzene	106	70	130
	BS1X0106		I3064	1,2,4-Trimethylbenzene	103	70	130
	BS1X0106		I3064	1,2-dibromoethane	93	70	130
	BS1X0106		I3064	1,2-Dichloro-1,1,2,2-tetrafluoroethane	93	70	130
	BS1X0106		I3064	1,2-Dichlorobenzene	101	70	130
	BS1X0106		I3064	1,2-Dichloroethane	93	70	130
	BS1X0106		I3064	1,2-Dichloropropane	92	70	130
	BS1X0106		I3064	1,3,5-Trimethylbenzene	102	70	130
	BS1X0106		I3064	1,3-Dichlorobenzene	101	70	130
	BS1X0106		I3064	1,4-Dichlorobenzene	101	70	130
	BS1X0106		I3064	2-Butanone	93	70	130

Table B-12. Summary of Laboratory Control Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO15							
	BS1X0106	AIR	I3064	Acetone	89	70	130
	BS1X0106		I3064	Benzene	89	70	130
	BS1X0106		I3064	Bromomethane	115	70	130
	BS1X0106		I3064	Carbon Tetrachloride	112	70	130
	BS1X0106		I3064	Chlorobenzene	97	70	130
	BS1X0106		I3064	Chloroethane	91	70	130
	BS1X0106		I3064	Chloroform	94	70	130
	BS1X0106		I3064	Chloromethane	88	70	130
	BS1X0106		I3064	cis-1,2-Dichloroethene	95	70	130
	BS1X0106		I3064	cis-1,3-dichloropropene	94	70	130
	BS1X0106		I3064	Dichlorodifluoromethane	92	70	130
	BS1X0106		I3064	Ethylbenzene	98	70	130
	BS1X0106		I3064	Hexachlorobutadiene	111	70	130
	BS1X0106		I3064	m,p-Xylene	99	70	130
	BS1X0106		I3064	Methylene chloride	86	70	130
	BS1X0106		I3064	o-Xylene	99	70	130
	BS1X0106		I3064	Styrene	102	70	130
	BS1X0106		I3064	tert-Butyl methyl ether	83	70	130
	BS1X0106		I3064	Tetrachloroethene	95	70	130
	BS1X0106		I3064	Toluene	91	70	130
	BS1X0106		I3064	Trans-1,3-dichloropropene	95	70	130
	BS1X0106		I3064	Trichloroethene	92	70	130
	BS1X0106		I3064	Trichlorofluoromethane	93	70	130
	BS1X0106		I3064	Vinyl chloride	95	70	130
	BS1X0312		J1304	1,1,1-Trichloroethane	94	70	130
	BS1X0312		J1304	1,1,2,2-Tetrachloroethane	102	70	130
	BS1X0312		J1304	1,1,2-Trichloro-1,2,2-Trifluoroethane	93	70	130
	BS1X0312		J1304	1,1,2-Trichloroethane	93	70	130
	BS1X0312		J1304	1,1-Dichloroethane	92	70	130
	BS1X0312		J1304	1,1-Dichloroethene	91	70	130
	BS1X0312		J1304	1,2,4-Trichlorobenzene	81	70	130
	BS1X0312		J1304	1,2,4-Trimethylbenzene	91	70	130
	BS1X0312		J1304	1,2-dibromoethane	94	70	130
	BS1X0312		J1304	1,2-Dichloro-1,1,2,2-tetrafluoroethane	88	70	130
	BS1X0312		J1304	1,2-Dichlorobenzene	87	70	130
	BS1X0312		J1304	1,2-Dichloroethane	89	70	130
	BS1X0312		J1304	1,2-Dichloropropane	92	70	130
	BS1X0312		J1304	1,3,5-Trimethylbenzene	91	70	130
	BS1X0312		J1304	1,3-Dichlorobenzene	89	70	130
	BS1X0312		J1304	1,4-Dichlorobenzene	89	70	130
	BS1X0312		J1304	2-Butanone	95	70	130
	BS1X0312		J1304	Acetone	80	70	130

Table B-12. Summary of Laboratory Control Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO15							
	BS1X0312	AIR	J1304	Benzene	92	70	130
	BS1X0312		J1304	Bromomethane	95	70	130
	BS1X0312		J1304	Carbon Tetrachloride	74	70	130
	BS1X0312		J1304	Chlorobenzene	93	70	130
	BS1X0312		J1304	Chloroethane	100	70	130
	BS1X0312		J1304	Chloroform	93	70	130
	BS1X0312		J1304	Chloromethane	92	70	130
	BS1X0312		J1304	cis-1,2-Dichloroethene	91	70	130
	BS1X0312		J1304	cis-1,3-dichloropropene	95	70	130
	BS1X0312		J1304	Dichlorodifluoromethane	88	70	130
	BS1X0312		J1304	Ethylbenzene	93	70	130
	BS1X0312		J1304	Hexachlorobutadiene	79	70	130
	BS1X0312		J1304	m,p-Xylene	91	70	130
	BS1X0312		J1304	Methylene chloride	76	70	130
	BS1X0312		J1304	o-Xylene	92	70	130
	BS1X0312		J1304	Styrene	94	70	130
	BS1X0312		J1304	tert-Butyl methyl ether	94	70	130
	BS1X0312		J1304	Tetrachloroethene	92	70	130
	BS1X0312		J1304	Toluene	89	70	130
	BS1X0312		J1304	Trans-1,3-dichloropropene	94	70	130
	BS1X0312		J1304	Trichloroethene	84	70	130
	BS1X0312		J1304	Trichlorofluoromethane	95	70	130
	BS1X0312		J1304	Vinyl chloride	82	70	130
	BS1X0315		J1304	1,1,1-Trichloroethane	100	70	130
	BS1X0315		J1311	1,1,1-Trichloroethane	100	70	130
	BS1X0315		J1304	1,1,2,2-Tetrachloroethane	97	70	130
	BS1X0315		J1311	1,1,2,2-Tetrachloroethane	97	70	130
	BS1X0315		J1311	1,1,2-Trichloro-1,2,2-Trifluoroethane	94	70	130
	BS1X0315		J1304	1,1,2-Trichloro-1,2,2-Trifluoroethane	94	70	130
	BS1X0315		J1304	1,1,2-Trichloroethane	92	70	130
	BS1X0315		J1311	1,1,2-Trichloroethane	92	70	130
	BS1X0315		J1311	1,1-Dichloroethane	90	70	130
	BS1X0315		J1304	1,1-Dichloroethane	90	70	130
	BS1X0315		J1311	1,1-Dichloroethene	91	70	130
	BS1X0315		J1304	1,1-Dichloroethene	91	70	130
	BS1X0315		J1304	1,2,4-Trichlorobenzene	82	70	130
	BS1X0315		J1311	1,2,4-Trichlorobenzene	82	70	130
	BS1X0315		J1304	1,2,4-Trimethylbenzene	90	70	130
	BS1X0315		J1311	1,2,4-Trimethylbenzene	90	70	130
	BS1X0315		J1304	1,2-dibromoethane	96	70	130
	BS1X0315		J1311	1,2-dibromoethane	96	70	130
	BS1X0315		J1304	1,2-Dichloro-1,1,2,2-tetrafluoroethane	84	70	130

Table B-12. Summary of Laboratory Control Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO15							
	BS1X0315	AIR	J1311	1,2-Dichloro-1,1,2,2-tetrafluoroethane	84	70	130
	BS1X0315		J1311	1,2-Dichlorobenzene	88	70	130
	BS1X0315		J1304	1,2-Dichlorobenzene	88	70	130
	BS1X0315		J1304	1,2-Dichloroethane	95	70	130
	BS1X0315		J1311	1,2-Dichloroethane	95	70	130
	BS1X0315		J1311	1,2-Dichloropropane	88	70	130
	BS1X0315		J1304	1,2-Dichloropropane	88	70	130
	BS1X0315		J1304	1,3,5-Trimethylbenzene	91	70	130
	BS1X0315		J1311	1,3,5-Trimethylbenzene	91	70	130
	BS1X0315		J1304	1,3-Dichlorobenzene	90	70	130
	BS1X0315		J1311	1,3-Dichlorobenzene	90	70	130
	BS1X0315		J1304	1,4-Dichlorobenzene	90	70	130
	BS1X0315		J1311	1,4-Dichlorobenzene	90	70	130
	BS1X0315		J1304	2-Butanone	93	70	130
	BS1X0315		J1311	2-Butanone	93	70	130
	BS1X0315		J1304	Acetone	81	70	130
	BS1X0315		J1311	Acetone	81	70	130
	BS1X0315		J1311	Benzene	92	70	130
	BS1X0315		J1304	Benzene	92	70	130
	BS1X0315		J1311	Bromomethane	95	70	130
	BS1X0315		J1304	Bromomethane	95	70	130
	BS1X0315		J1304	Carbon Tetrachloride	73	70	130
	BS1X0315		J1311	Carbon Tetrachloride	73	70	130
	BS1X0315		J1304	Chlorobenzene	91	70	130
	BS1X0315		J1311	Chlorobenzene	91	70	130
	BS1X0315		J1304	Chloroethane	95	70	130
	BS1X0315		J1311	Chloroethane	95	70	130
	BS1X0315		J1311	Chloroform	96	70	130
	BS1X0315		J1304	Chloroform	96	70	130
	BS1X0315		J1311	Chloromethane	91	70	130
	BS1X0315		J1304	Chloromethane	91	70	130
	BS1X0315		J1304	cis-1,2-Dichloroethene	91	70	130
	BS1X0315		J1311	cis-1,2-Dichloroethene	91	70	130
	BS1X0315		J1304	cis-1,3-dichloropropene	94	70	130
	BS1X0315		J1311	cis-1,3-dichloropropene	94	70	130
	BS1X0315		J1311	Dichlorodifluoromethane	88	70	130
	BS1X0315		J1304	Dichlorodifluoromethane	88	70	130
	BS1X0315		J1311	Ethylbenzene	92	70	130
	BS1X0315		J1304	Ethylbenzene	92	70	130
	BS1X0315		J1304	Hexachlorobutadiene	81	70	130
	BS1X0315		J1311	Hexachlorobutadiene	81	70	130
	BS1X0315		J1304	m,p-Xylene	89	70	130

Table B-12. Summary of Laboratory Control Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO15							
	BS1X0315	AIR	J1311	m,p-Xylene	89	70	130
	BS1X0315		J1304	Methylene chloride	79	70	130
	BS1X0315		J1311	Methylene chloride	79	70	130
	BS1X0315		J1311	o-Xylene	90	70	130
	BS1X0315		J1304	o-Xylene	90	70	130
	BS1X0315		J1304	Styrene	92	70	130
	BS1X0315		J1311	Styrene	92	70	130
	BS1X0315		J1311	tert-Butyl methyl ether	96	70	130
	BS1X0315		J1304	tert-Butyl methyl ether	96	70	130
	BS1X0315		J1311	Tetrachloroethene	95	70	130
	BS1X0315		J1304	Tetrachloroethene	95	70	130
	BS1X0315		J1311	Toluene	87	70	130
	BS1X0315		J1304	Toluene	87	70	130
	BS1X0315		J1311	Trans-1,3-dichloropropene	94	70	130
	BS1X0315		J1304	Trans-1,3-dichloropropene	94	70	130
	BS1X0315		J1311	Trichloroethene	85	70	130
	BS1X0315		J1304	Trichloroethene	85	70	130
	BS1X0315		J1311	Trichlorofluoromethane	101	70	130
	BS1X0315		J1304	Trichlorofluoromethane	101	70	130
	BS1X0315		J1304	Vinyl chloride	83	70	130
	BS1X0315		J1311	Vinyl chloride	83	70	130
	BS1X1218		I2953	1,1,1-Trichloroethane	95	70	130
	BS1X1218		I2953	1,1,2,2-Tetrachloroethane	92	70	130
	BS1X1218		I2953	1,1,2-Trichloro-1,2,2-Trifluoroethane	96	70	130
	BS1X1218		I2953	1,1,2-Trichloroethane	98	70	130
	BS1X1218		I2953	1,1-Dichloroethane	91	70	130
	BS1X1218		I2953	1,1-Dichloroethene	86	70	130
	BS1X1218		I2953	1,2,4-Trichlorobenzene	99	70	130
	BS1X1218		I2953	1,2,4-Trimethylbenzene	96	70	130
	BS1X1218		I2953	1,2-dibromoethane	99	70	130
	BS1X1218		I2953	1,2-Dichloro-1,1,2,2-tetrafluoroethane	90	70	130
	BS1X1218		I2953	1,2-Dichlorobenzene	100	70	130
	BS1X1218		I2953	1,2-Dichloroethane	86	70	130
	BS1X1218		I2953	1,2-Dichloropropane	92	70	130
	BS1X1218		I2953	1,3,5-Trimethylbenzene	96	70	130
	BS1X1218		I2953	1,3-Dichlorobenzene	99	70	130
	BS1X1218		I2953	1,4-Dichlorobenzene	98	70	130
	BS1X1218		I2953	2-Butanone	93	70	130
	BS1X1218		I2953	Acetone	97	70	130
	BS1X1218		I2953	Benzene	90	70	130
	BS1X1218		I2953	Bromomethane	91	70	130
	BS1X1218		I2953	Carbon Tetrachloride	115	70	130

Table B-12. Summary of Laboratory Control Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO15							
	BS1X1218	AIR	I2953	Chlorobenzene	94	70	130
	BS1X1218		I2953	Chloroethane	92	70	130
	BS1X1218		I2953	Chloroform	93	70	130
	BS1X1218		I2953	Chloromethane	90	70	130
	BS1X1218		I2953	cis-1,2-Dichloroethene	88	70	130
	BS1X1218		I2953	cis-1,3-dichloropropene	96	70	130
	BS1X1218		I2953	Dichlorodifluoromethane	86	70	130
	BS1X1218		I2953	Ethylbenzene	92	70	130
	BS1X1218		I2953	Hexachlorobutadiene	109	70	130
	BS1X1218		I2953	m,p-Xylene	90	70	130
	BS1X1218		I2953	Methylene chloride	74	70	130
	BS1X1218		I2953	o-Xylene	92	70	130
	BS1X1218		I2953	Styrene	97	70	130
	BS1X1218		I2953	tert-Butyl methyl ether	90	70	130
	BS1X1218		I2953	Tetrachloroethene	103	70	130
	BS1X1218		I2953	Toluene	97	70	130
	BS1X1218		I2953	Trans-1,3-dichloropropene	93	70	130
	BS1X1218		I2953	Trichloroethene	88	70	130
	BS1X1218		I2953	Trichlorofluoromethane	92	70	130
	BS1X1218		I2953	Vinyl chloride	90	70	130
	BS1X1221		I2953	1,1,1-Trichloroethane	104	70	130
	BS1X1221		I2953	1,1,2,2-Tetrachloroethane	102	70	130
	BS1X1221		I2953	1,1,2-Trichloro-1,2,2-Trifluoroethane	106	70	130
	BS1X1221		I2953	1,1,2-Trichloroethane	106	70	130
	BS1X1221		I2953	1,1-Dichloroethane	100	70	130
	BS1X1221		I2953	1,1-Dichloroethene	95	70	130
	BS1X1221		I2953	1,2,4-Trichlorobenzene	109	70	130
	BS1X1221		I2953	1,2,4-Trimethylbenzene	106	70	130
	BS1X1221		I2953	1,2-dibromoethane	107	70	130
	BS1X1221		I2953	1,2-Dichloro-1,1,2,2-tetrafluoroethane	99	70	130
	BS1X1221		I2953	1,2-Dichlorobenzene	110	70	130
	BS1X1221		I2953	1,2-Dichloroethane	94	70	130
	BS1X1221		I2953	1,2-Dichloropropane	99	70	130
	BS1X1221		I2953	1,3,5-Trimethylbenzene	107	70	130
	BS1X1221		I2953	1,3-Dichlorobenzene	109	70	130
	BS1X1221		I2953	1,4-Dichlorobenzene	108	70	130
	BS1X1221		I2953	2-Butanone	101	70	130
	BS1X1221		I2953	Acetone	104	70	130
	BS1X1221		I2953	Benzene	97	70	130
	BS1X1221		I2953	Bromomethane	99	70	130
	BS1X1221		I2953	Carbon Tetrachloride	126	70	130
	BS1X1221		I2953	Chlorobenzene	103	70	130

Table B-12. Summary of Laboratory Control Samples for Vapor Samples for the Bulk Fuels Facility Area October 2009 through March 2010

Method	LabSample ID	Matrix	SDG	Analyte	% Recovery	Lower Control Limit	Upper Control Limit
TO15							
	BS1X1221	AIR	I2953	Chloroethane	100	70	130
	BS1X1221		I2953	Chloroform	102	70	130
	BS1X1221		I2953	Chloromethane	100	70	130
	BS1X1221		I2953	cis-1,2-Dichloroethene	97	70	130
	BS1X1221		I2953	cis-1,3-dichloropropene	103	70	130
	BS1X1221		I2953	Dichlorodifluoromethane	96	70	130
	BS1X1221		I2953	Ethylbenzene	101	70	130
	BS1X1221		I2953	Hexachlorobutadiene	122	70	130
	BS1X1221		I2953	m,p-Xylene	100	70	130
	BS1X1221		I2953	Methylene chloride	83	70	130
	BS1X1221		I2953	o-Xylene	102	70	130
	BS1X1221		I2953	Styrene	107	70	130
	BS1X1221		I2953	tert-Butyl methyl ether	98	70	130
	BS1X1221		I2953	Tetrachloroethene	112	70	130
	BS1X1221		I2953	Toluene	104	70	130
	BS1X1221		I2953	Trans-1,3-dichloropropene	100	70	130
	BS1X1221		I2953	Trichloroethene	94	70	130
	BS1X1221		I2953	Trichlorofluoromethane	101	70	130
	BS1X1221		I2953	Vinyl chloride	101	70	130

Bold formatting indicates recoveries below the lower control limit or above the upper control limit.

APPENDIX C

Reference Data

Prior data tables and figures are provided for reference. Please note the original table and figure numbering under which the item was originally published has been retained on the figure.

Reference	Date Range	Description
Table 3-1	Q408 throughQ309	Soil Vapor Monitoring Summary
Table 3-6	Q408 through Q309	Groundwater Analytical Results Summary
Figure 3-2	Q408	Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs
Figure 3-3	Q408	Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs
Figure 3-4	Q408	Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs
Figure 3-5	Q408	Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs
Figure 3-6	Q408	Hydrocarbon Plume Beneath Former Offloading Rack
Figure 3-7	Q109	Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs
Figure 3-8	Q109	Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs
Figure 3-9	Q109	Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs
Figure 3-10	Q109	Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs
Figure 3-11	Q109	Hydrocarbon Plume Beneath Former Offloading Rack
Figure 3-2	Q209	Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs
Figure 3-3	Q209	Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs
Figure 3-4	Q209	Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs
Figure 3-5	Q209	Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs
Figure 3-6	Q209	Hydrocarbon Plume Beneath Former Offloading Rack
Figure 3-7	Q309	Total Petroleum Hydrocarbons in Soil Vapor, 150 ft bgs
Figure 3-8	Q309	Total Petroleum Hydrocarbons in Soil Vapor, 250 ft bgs
Figure 3-9	Q309	Total Petroleum Hydrocarbons in Soil Vapor, 350 ft bgs
Figure 3-10	Q309	Total Petroleum Hydrocarbons in Soil Vapor, 450 ft bgs
Figure 3-11	Q309	Hydrocarbon Plume Beneath Former Offloading Rack

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

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
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	50 - 52.5	5/11/09	0.58	0.00	8.18	9.16	52
SVMW-01	50 - 52.5	8/14/09	-0.08	0.00	9.40	8.48	27
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	100 - 102.5	5/11/09	0.72	0.01	11.52	4.37	8,100
SVMW-01	100 - 102.5	8/14/09	-0.12	0.00	12.30	4.77	6,800
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	250.7 - 253.2	5/11/09	0.37	0.00	1.66	19.02	366
SVMW-01	250.7 - 253.2	8/14/09	-0.33	0.00	1.96	18.42	289
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-01	308.5 - 311	5/11/09	0.24	0.00	7.90	9.05	80
SVMW-01	308.5 - 311	8/14/09	-0.46	0.00	0.94	18.97	1,651
SVMW-02	50 - 52.5	2/19/09	-0.16	0.00	8.38	10.23	670
SVMW-02	50 - 52.5	12/11/08	0.35	0.00	8.76	9.73	745
SVMW-02	50 - 52.5	5/13/09	0.04	0.00	7.96	10.63	520
SVMW-02	50 - 52.5	8/18/09	0.36	0.00	8.60	10.14	482
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	97 - 99.5	5/13/09	0.04	0.00	9.24	9.83	13,770
SVMW-02	97 - 99.5	8/18/09	0.59	0.01	11.76	6.82	15,642
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-02	150 - 152.5	5/13/09	0.07	0.00	1.64	16.11	4,220
SVMW-02	150 - 152.5	8/18/09	0.68	0.00	1.98	15.10	4,770
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	50 - 52.5	5/12/09	0.13	0.00	8.04	10.07	105
SVMW-03	50 - 52.5	8/14/09	-0.02	0.00	1.12	20.09	255
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	100 - 102.5	5/12/09	0.54	0.01	13.22	4.18	36,000
SVMW-03	100 - 102.5	8/14/09	-0.74	0.03	3.96	15.05	19,890
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	250 - 252.5	5/12/09	0.69	0.00	3.54	12.31	4,620
SVMW-03	250 - 252.5	8/14/09	-0.42	0.00	4.30	11.63	7,630
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-03	300 - 302.5	5/12/09	0.57	0.01	3.88	10.88	48,690
SVMW-03	300 - 302.5	8/14/09	0.04	0.02	12.72	4.47	23,580
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	50 - 52.5	5/11/09	0.41	0.00	8.12	10.02	1,552
SVMW-04	50 - 52.5	8/14/09	-0.03	0.00	10.36	6.20	1,183
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	98 - 100.5	5/11/09	0.56	0.02	10.62	7.30	15,282
SVMW-04	98 - 100.5	8/14/09	-0.05	0.01	12.28	4.27	19,440
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	250 - 252.5	5/11/09	0.95	0.01	2.48	17.76	3,950

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Page 2 of 13)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
SVMW-04	250 - 252.5	8/14/09	-0.45	0.00	2.68	17.11	3,440
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-04	297.5 - 300	5/11/09	0.91	0.00	0.68	19.25	1,442
SVMW-04	297.5 - 300	8/14/09	-0.52	0.00	0.88	18.78	761
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	50 - 52.5	5/11/09	0.52	0.00	5.42	13.59	127
SVMW-05	50 - 52.5	8/14/09	-0.06	0.00	5.66	13.97	31
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	100 - 102.5	5/11/09	0.74	0.00	7.72	9.83	312
SVMW-05	100 - 102.5	8/14/09	-0.08	0.00	7.88	10.37	229
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	229.5 - 231	5/11/09	0.31	0.00	1.32	19.29	52
SVMW-05	229.5 - 231	8/14/09	-0.22	0.00	1.32	19.22	16
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-05	287.5 - 290	5/11/09	0.12	0.00	1.14	19.36	816
SVMW-05	287.5 - 290	8/14/09	-0.38	0.00	0.90	19.38	443
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	50 - 52.5	5/12/09	0.44	0.00	2.98	17.26	162
SVMW-06	50 - 52.5	8/14/09	0.08	0.00	3.70	16.18	259
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
SVMW-06	99.5 - 102	5/12/09	0.68	0.00	5.28	13.43	70
SVMW-06	99.5 - 102	8/14/09	0.08	0.00	6.88	11.19	158
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	252 - 254.5	5/12/09	1.6	0.00	1.38	15.26	7,150
SVMW-06	252 - 254.5	8/14/09	-0.38	0.00	1.82	12.17	8,600
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-06	302.5 - 305	5/12/09	1.4	0.00	1.74	15.26	15,579
SVMW-06	302.5 - 305	8/14/09	-0.58	0.00	2.14	12.55	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	49.5 - 52	5/13/09	0.02	0.00	0.68	17.05	508
SVMW-07	49.5 - 52	8/19/09	0.38	0.00	6.98	11.50	2,350
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	95.5 - 98	5/13/09	0.06	0.00	6.44	13.01	2,320
SVMW-07	95.5 - 98	8/19/09	0.50	0.00	0.96	14.93	576
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-07	147.5 - 150	5/13/09	0.04	0.00	5.36	19.5	107
SVMW-07	147.5 - 150	8/19/09	1.1	0.00	6.26	12.98	132
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	50 - 52.5	5/12/09	-0.12	0.00	0.62	20.61	40
SVMW-08	50 - 52.5	8/14/09	ATM	0.00	7.88	10.25	1,454
SVMW-08	100 - 102.5	12/11/08	--	--	--	--	--
SVMW-08	100 - 102.5	2/19/09	--	--	--	--	--

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

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
SVMW-08	100 - 102.5	5/12/09	--	--	--	--	--
SVMW-08	100 - 102.5	8/14/09	--	--	--	--	--
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	250 - 252.5	5/12/09	-0.54	0.00	0.48	20.72	40
SVMW-08	250 - 252.5	8/14/09	-0.22	0.00	3.98	15.72	570
SVMW-08	266 - 268.5	12/11/08	--	--	--	--	--
SVMW-08	266 - 268.5	2/19/09	--	--	--	--	--
SVMW-08	266 - 268.5	5/12/09	--	--	--	--	--
SVMW-08	266 - 268.5	8/14/09	--	--	--	--	--
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	50 - 52.5	5/12/09	-0.12	0.00	8.16	10.05	3,830
SVMW-09	50 - 52.5	8/14/09	ATM	0.00	11.88	6.56	5,460
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	100 - 102.5	5/12/09	-0.12	0.02	6.80	12.01	10,575
SVMW-09	100 - 102.5	8/14/09	ATM	0.03	13.94	3.57	26,730
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	250 - 252.5	5/12/09	-0.66	0.00	0.84	20.41	909
SVMW-09	250 - 252.5	8/14/09	-0.36	0.00	7.20	12.27	8,110
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-09	266 - 268.5	5/12/09	-0.68	0.00	0.60	20.38	1,163
SVMW-09	266 - 268.5	8/14/09	-0.38	0.00	8.36	10.58	8,580
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	50 - 52.5	5/12/09	-0.09	0.02	9.04	10.47	19,350
SVMW-10	50 - 52.5	8/14/09	ATM	0.03	14.04	7.54	38,610
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	100 - 102.5	5/12/09	-0.09	0.04	10.76	7.91	22,680
SVMW-10	100 - 102.5	8/14/09	ATM	0.04	15.76	2.94	49,860
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	150 - 152.5	5/12/09	0.58	0.02	7.92	11.38	31,500
SVMW-10	150 - 152.5	8/14/09	ATM	0.04	11.68	8.63	34,650
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-10	250 - 252.5	5/12/09	0.77	0.01	1.66	19.18	5,100
SVMW-10	250 - 252.5	8/14/09	ATM	0.02	9.66	10.60	33,300
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	50 - 52.5	5/12/09	0.46	0.01	12.46	8.19	13,635
SVMW-11	50 - 52.5	8/14/09	-0.03	0.00	15.26	4.20	9,470
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	26,460
SVMW-11	100 - 102.5	5/12/09	0.58	0.02	10.68	8.52	30,870
SVMW-11	100 - 102.5	8/14/09	-0.10	0.00	16.84	1.15	57,150
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	33,390
SVMW-11	250 - 252.5	5/12/09	0.43	0.02	5.92	15.00	19,620
SVMW-11	250 - 252.5	8/14/09	-0.70	0.01	7.58	12.24	41,850
SVMW-11	260 - 262.5	12/11/08	3.5	0.01	9.96	9.80	29,790

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Page 4 of 13)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
SVMW-11	260 - 262.5	2/18/09	-1.2	0.02	8.26	11.69	35,820
SVMW-11	260 - 262.5	5/12/09	0.60	0.03	7.58	14.86	25,830
SVMW-11	260 - 262.5	8/14/09	-0.45	0.04	8.02	11.59	53,280
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	150 - 152.5	5/13/09	0.29	0.00	0.18	19.42	44
SVMW-12	150 - 152.5	8/14/09	ATM	0.00	0.20	19.12	431
SVMW-12	250 - 252.5	12/11/08	4.3	0.00	0.40	19.21	1,839
SVMW-12	250 - 252.5	2/18/09	-1.2	0.00	0.26	19.91	160
SVMW-12	250 - 252.5	5/13/09	0.30	0.00	0.34	18.9	1,354
SVMW-12	250 - 252.5	8/14/09	-0.28	0.00	0.36	18.74	1,249
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	350 - 352.5	5/13/09	0.14	0.00	0.98	11.92	4,881
SVMW-12	350 - 352.5	8/14/09	-0.04	0.00	1.20	12.69	1,848
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-12	450 - 452.5	5/13/09	0.30	0.00	0.14	19.38	1,120
SVMW-12	450 - 452.5	8/14/09	-0.43	0.00	0.34	18.77	1,602
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	150 - 152.5	5/12/09	0.75	0.00	1.12	15.82	22,950
SVMW-13	150 - 152.5	8/18/09	0.12	0.01	1.96	13.05	21,690
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	250 - 252.5	5/12/09	1.2	0.00	0.92	15.53	9,610
SVMW-13	250 - 252.5	8/18/09	0.52	0.00	2.16	15.38	4,200
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	350 - 352.5	5/12/09	1.8	0.00	1.66	16.69	170
SVMW-13	350 - 352.5	8/18/09	0.96	0.00	2.42	14.52	135
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-13	450 - 452.5	5/12/09	1.9	0.00	0.54	17.74	89
SVMW-13	450 - 452.5	8/18/09	1.80	0.00	0.90	15.55	82
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	150 - 152.5	5/13/09	0.48	0.00	0.26	19.48	56
SVMW-14	150 - 152.5	8/14/09	0.04	0.00	0.24	19.39	160
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	250 - 252.5	5/13/09	0.49	0.00	0.26	19.14	110
SVMW-14	250 - 252.5	8/14/09	-0.02	0.00	0.26	19.37	166
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	350 - 352.5	5/13/09	0.49	0.00	0.16	19.48	711
SVMW-14	350 - 352.5	8/14/09	-0.32	0.00	0.16	19.60	372
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-14	450 - 452.5	5/13/09	0.29	0.00	2.7	6.61	18,090
SVMW-14	450 - 452.5	8/14/09	-0.05	0.00	2.98	5.20	13,842
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	150 - 152.5	5/12/09	1.5	0.00	0.44	18.04	537
SVMW-15	150 - 152.5	8/14/09	-0.17	0.00	0.42	17.02	847

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Page 5 of 13)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
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	250 - 252.5	5/12/09	1.4	0.00	0.82	16.15	827
SVMW-15	250 - 252.5	8/14/09	-0.20	0.00	0.98	16.18	800
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	350 - 352.5	5/12/09	0.98	0.00	1.22	14.82	13,050
SVMW-15	350 - 352.5	8/14/09	-0.66	0.01	1.38	14.92	15,966
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
SVMW-15	450 - 452.5	5/12/09	1.1	0.01	1.66	15.02	21,420
SVMW-15	450 - 452.5	8/14/09	-0.62	0.02	2.88	13.34	36,720
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-01	245 - 260	4/28/09	--	0.02	6.54	11.68	31,590
SVEW-01	245 - 260	5/11/09	-13.1	0.03	4.40	14.37	29,880
SVEW-01	245 - 260	6/23/09	--	0.03	6.60	11.79	30,690
SVEW-01	245 - 260	7/16/09	-5.10	0.03	6.76	11.55	24,480
SVEW-01	245 - 260	8/19/09	-1.4	0.04	6.98	11.48	30,780
SVEW-01	245 - 260	9/15/09	-5.5	0.04	6.48	12.02	29,430
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-02	45 - 60	4/28/09	--	0.00	4.82	13.55	4,330
SVEW-02	45 - 60	5/11/09	0.36	0.01	4.99	14.99	3,930
SVEW-02	45 - 60	6/23/09	--	0.02	12.54	7.40	17,163
SVEW-02	45 - 60	7/16/09	0.18	0.01	7.64	11.59	9,820
SVEW-02	45 - 60	8/19/09	0.30	0.00	7.32	11.36	8,260
SVEW-02	45 - 60	9/15/09	-0.12	0.01	4.46	13.95	5,400
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
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-03	145 - 160	4/28/09	--	0.00	0.34	21.29	1,110
SVEW-03	145 - 160	5/11/09	-1.6	0.01	4.52	12.90	6,670
SVEW-03	145 - 160	6/23/09	--	0.03	9.84	5.15	13,347
SVEW-03	145 - 160	7/16/09	-0.12	0.00	0.26	20.10	1,607
SVEW-03	145 - 160	8/19/09	1.0	0.02	10.32	5.56	15,831
SVEW-03	145 - 160	9/15/09	-1.2	0.00	3.14	16.29	4,810
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	--	20,430
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-04	298 - 313	4/28/09	--	0.01	1.56	16.25	18,000

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Page 6 of 13)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
SVEW-04	298 - 313	5/11/09	-13	0.00	0.82	18.15	8,580
SVEW-04	298 - 313	6/23/09	--	0.01	1.14	17.60	10,530
SVEW-04	298 - 313	7/16/09	0.04	0.00	0.66	18.25	5,480
SVEW-04	298 - 313	8/19/09	-1.5	0.00	1.04	17.93	8,950
SVEW-04	298 - 313	9/15/09	-8.2	0.00	0.94	18.27	7,500
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	44,100
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-05	445 - 460	4/28/09	--	0.03	5.74	6.29	43,110
SVEW-05	445 - 460	5/11/09	-13.1	0.00	0.66	19.99	11,610
SVEW-05	445 - 460	6/23/09	--	0.01	4.64	10.06	25,020
SVEW-05	445 - 460	7/16/09	-6.20	0.02	4.24	12.13	26,280
SVEW-05	445 - 460	8/19/09	0.54	0.01	3.46	13.14	16,245
SVEW-05	445 - 460	9/15/09	-1.3	0.03	4.20	10.64	23,670
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-06	45 - 60	4/28/09	--	0.01	3.96	14.81	1,004
SVEW-06	45 - 60	5/11/09	0.36	0.01	4.78	12.52	1,234
SVEW-06	45 - 60	6/23/09	-.08	0.00	0.10	21.43	240
SVEW-06	45 - 60	7/16/09	0.26	0.00	5.54	11.94	1,135
SVEW-06	45 - 60	8/19/09	0.32	0.00	6.16	12.00	1,167
SVEW-06	45 - 60	9/15/09	-0.02	0.00	0.88	19.31	364
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-07	145 - 160	4/28/09	--	0.05	5.70	11.84	19,080
SVEW-07	145 - 160	5/11/09	-1.2	0.02	1.96	17.59	7,030
SVEW-07	145 - 160	6/23/09	-1.2	0.00	0.00	21.57	221
SVEW-07	145 - 160	7/16/09	-1.20	0.00	0.08	20.97	113
SVEW-07	145 - 160	8/19/09	1.1	0.01	1.78	17.42	2,010
SVEW-07	145 - 160	9/15/09	-0.96	0.00	0.14	20.76	149
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	--	22,680
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-08	245 - 260	4/28/09	--	0.01	3.98	10.88	15,786
SVEW-08	245 - 260	5/11/09	-13	0.01	2.60	13.19	10,962
SVEW-08	245 - 260	6/23/09	-7.9	0.00	2.32	13.80	12,420
SVEW-08	245 - 260	7/16/09	-6.40	0.00	1.46	16.23	6,620
SVEW-08	245 - 260	8/19/09	-3.3	0.00	2.42	12.88	11,196
SVEW-08	245 - 260	9/15/09	-15.0	0.00	1.94	14.00	8,340
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

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Page 7 of 13)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
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-09	435 - 450	4/28/09	--	0.01	4.28	9.83	18,360
SVEW-09	435 - 450	5/11/09	-13	0.01	2.74	12.37	11,205
SVEW-09	435 - 450	6/23/09	-4.7	0.00	1.96	14.34	9,590
SVEW-09	435 - 450	7/16/09	-7.00	0.00	1.90	14.57	700
SVEW-09	435 - 450	8/19/09	-2.0	0.00	2.36	12.73	12,528
SVEW-09	435 - 450	9/15/09	-9.0	0.00	1.76	14.52	8,200
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-10	400 - 410	5/13/09	0.32	0.00	0.06	19.95	895
SVEW-10	400 - 410	8/14/09	-0.06	0.00	0.04	20.34	186
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-11	400 - 410	5/13/09	-0.40	0.00	1.26	13.84	22,500
SVEW-11	400 - 410	8/18/09	1.40	0.01	1.18	15.00	12,654
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
SVEW-12	400 - 410	5/13/09	0.47	0.00	0.2	19.84	1,437
SVEW-12	400 - 410	8/14/09	-0.12	0.00	0.16	19.78	886
SVEW-13	400 - 410	12/11/08	4.10	0.01	2.00	13.39	31,230
SVEW-13	400 - 410	2/19/09	--	--	--	--	--
SVEW-13	400 - 410	5/13/09	-0.28	0.03	1.8	14.92	17,280
SVEW-13	400 - 410	8/14/09	-0.22	0.01	1.88	14.38	25,020
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-1061		5/15/09	-1.3	0.00	0.62	20.29	4,138
KAFB-1061		8/13/09	-0.28	0.00	0.10	20.93	275
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-1062		5/15/09	-1.3	0.00	--	18.2	15
KAFB-1062		8/13/09	0.04	0.00	0.02	20.83	15
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-1063		5/15/09	-1.0	0.00	0.04	20.98	25
KAFB-1063		8/12/09	-0.68	0.00	0.06	21.60	248
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-1064		5/15/09	-1.2	0.00	0.64	16.08	32
KAFB-1064		8/13/09	-0.28	0.00	0.02	21.05	40
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-1067		5/15/09	-1.1	0.00	0.46	7.96	797
KAFB-1067		8/13/09	-0.46	0.00	0.24	20.26	46
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

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Page 8 of 13)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
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-1069		5/13/09	0.44	0.03	2.42	18.02	42,660
KAFB-1069		8/12/09	-1.60	0.00	2.76	17.73	31,860
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-10610		5/14/09	-1.9	0.00	0.84	19.73	20,970
KAFB-10610		8/12/09	-0.51	0.01	1.06	19.33	19,350
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-10611		5/13/09	0.6	0.00	0.42	16.96	4,750
KAFB-10611		8/13/09	-0.10	0.00	0.00	21.66	27
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-10612		5/13/09	-0.10	0.00	2.3	5.15	11,844
KAFB-10612		8/13/09	-0.53	0.00	1.60	7.80	259
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-10613		5/13/09	-1.9	0.03	0.04	20.64	243
KAFB-10613		8/12/09	-0.40	0.01	0.18	20.85	17
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-10614		5/13/09	0.04	0.00	5.62	9.25	20,610
KAFB-10614		8/12/09	-1.2	0.00	3.88	13.52	19,080
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-10615		5/14/09	-1.7	0.00	0.1	20.94	66
KAFB-10615		8/13/09	-0.38	0.00	0.08	20.63	32
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-10616		5/13/09	--	0.00	1.28	8.18	9,450
KAFB-10616		8/13/09	-0.50	0.00	2.88	6.38	11,403
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-10617		5/14/09	-1.95	0.00	0.06	21.02	13
KAFB-10617		8/12/09	-0.42	0.00	0.00	20.94	44
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
KAFB-10618		5/14/09	-2.05	0.00	0.14	21.03	21
KAFB-10618		8/12/09	-0.54	0.00	0.06	20.78	68
KAFB-10619		2/18/09	-0.37	0.00	0.10	20.06	88
KAFB-10619		5/14/09	-2.1	0.00	0.06	20.09	20
KAFB-10619		8/12/09	-0.79	0.00	0.16	19.96	249
KAFB-10620		2/18/09	-0.39	0.00	0.16	21.29	39
KAFB-10620		5/14/09	-0.81	0.00	0.06	20.77	132
KAFB-10620		8/12/09	-0.22	0.00	0.00	20.98	12
KAFB-10624		8/13/09	-0.05	0.00	0.12	20.22	278
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
KAFB-3411		5/15/09	-1.1	0.00	0.86	13.4	1,798
KAFB-3411		8/13/09	-0.22	0.00	0.00	21.58	30

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Page 9 of 13)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
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	--	23,850
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	15,930
ST106 Vapor Treatment Influent		3/31/09	>-30	0.00	2.44	17.49	20,970
ST106 Vapor Treatment Influent		4/28/09	--	0.01	2.90	16.48	14,967
ST106 Vapor Treatment Influent		5/11/09	<-30	0.01	1.76	17.49	22,950
ST106 Vapor Treatment Influent		6/23/09	>-30	0.00	2.72	16.30	14,742
ST106 Vapor Treatment Influent		7/16/09	-14.20	0.00	3.66	14.47	18,000
ST106 Vapor Treatment Influent		8/21/09	<-30	0.01	3.08	15.90	16,920
ST106 Vapor Treatment Influent		9/15/09	<-30	0.01	2.72	16.03	14,148
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 A		4/28/09	--	0.35	12.08	1.58	222
ST106 E1 Pre Cat A		5/11/09	12	0.34	10.14	4.50	169
ST106 E1 Pre Cat A		6/23/09	9.8	0.28	7.06	9.74	311
ST106 E1 Pre Cat A		7/16/09	12.50	0.62	10.90	2.54	891
ST106 E1 Pre Cat A		8/21/09	12	0.45	11.86	1.29	250
ST106 E1 Pre Cat A		9/15/09	10.0	0.38	11.74	1.65	294
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 Pre Cat B		4/28/09	--	0.37	12.02	1.63	213
ST106 E1 Pre Cat B		5/11/09	12	0.23	7.14	9.16	151
ST106 E1 Pre Cat B		6/23/09	5.2	0.58	11.16	3.01	533
ST106 E1 Pre Cat B		7/16/09	12.00	0.58	9.14	5.38	2,310
ST106 E1 Pre Cat B		8/21/09	12.5	0.48	11.39	1.96	352
ST106 E1 Pre Cat B		9/15/09	6.5	0.43	11.22	2.34	312
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 E1 Post Cat		4/28/09	--	0.00	3.02	17.05	22
ST106 E1 Post Cat		5/11/09	2	0.01	2.46	16.30	17
ST106 E1 Post Cat		6/23/09	1.4	0.01	1.74	18.62	25
ST106 E1 Post Cat		7/16/09	2.30	0.01	3.76	14.93	200
ST106 E1 Post Cat		8/21/09	1.5	0.01	4.06	14.85	46
ST106 E1 Post Cat		9/15/09	1.5	0.01	3.86	14.55	41
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

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Page 10 of 13)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
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
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 A		4/28/09	--	0.69	11.52	2.06	488
ST106 E2 Pre Cat A		5/11/09	15	0.40	8.94	5.22	563
ST106 E2 Pre Cat A		6/23/09	15	0.26	5.66	12.16	401
ST106 E2 Pre Cat A		7/16/09	14.00	0.45	9.74	4.45	479
ST106 E2 Pre Cat A		8/21/09	14	0.50	10.86	2.72	743
ST106 E2 Pre Cat A		9/15/09	14.0	0.56	11.02	2.57	603
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 Pre Cat B		4/28/09	--	0.66	11.34	2.33	952
ST106 E2 Pre Cat B		5/11/09	14	0.41	9.06	5.93	385
ST106 E2 Pre Cat B		6/23/09	15	0.32	7.30	9.75	342
ST106 E2 Pre Cat B		7/16/09	14.50	0.51	11.50	1.56	575
ST106 E2 Pre Cat B		8/21/09	14	0.49	11.42	1.79	377
ST106 E2 Pre Cat B		9/15/09	14.0	0.57	11.28	2.10	824
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
ST106 E2 Post Cat		4/28/09	--	0.11	7.14	10.05	67
ST106 E2 Post Cat		5/11/09	2	0.00	5.18	11.86	44
ST106 E2 Post Cat		6/23/09	1.2	0.02	2.90	13.84	51
ST106 E2 Post Cat		7/16/09	2.40	0.03	4.96	12.45	58
ST106 E2 Post Cat		8/21/09	1.5	0.02	4.96	13.23	79
ST106 E2 Post Cat		9/15/09	1.7	0.04	5.02	12.76	83
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	42,300
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	--	78,660
KAFB-1065 Vapor Treatment Influent		3/24/09	>-30	0.02	4.44	11.79	30,690
KAFB-1065 Vapor Treatment Influent		3/31/09	--	0.01	5.52	9.08	34,470
KAFB-1065 Vapor Treatment Influent		4/28/09	--	0.03	5.10	10.22	36,720
KAFB-1065 Vapor Treatment Influent		5/11/09	<-30	0.03	5.10	10.86	26,100
KAFB-1065 Vapor Treatment Influent		6/23/09	--	0.01	5.00	11.22	28,710
KAFB-1065 Vapor Treatment Influent		7/16/09	-18.50	0.02	5.76	10.71	28,080
KAFB-1065 Vapor Treatment Influent		8/21/09	-20.5	0.02	6.00	9.89	30,420
KAFB-1065 Vapor Treatment Influent		9/15/09	-23.0	0.03	5.38	11.50	30,240
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 A		4/28/09	--	0.33	12.04	0.85	148

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Page 11 of 13)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
SVE-1065 E1 Pre Cat A		5/11/09	16	0.22	8.82	6.09	95
SVE-1065 E1 Pre Cat A		6/23/09	--	0.28	11.62	11.33	203
SVE-1065 E1 Pre Cat A		7/16/09	9.00	0.68	10.82	2.25	761
SVE-1065 E1 Pre Cat A		8/21/09	2.5	0.42	10.70	4.01	47
SVE-1065 E1 Pre Cat A		9/15/09	7.0	0.53	10.36	3.33	520
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 Pre Cat B		3/24/09	16.5	0.32	7.98	7.70	195
SVE-1065 E1 Pre Cat B		3/31/09	--	0.27	8.72	6.36	90
SVE-1065 E1 Pre Cat B		4/28/09	--	0.37	12.06	0.76	116
SVE-1065 E1 Pre Cat B		5/11/09	17	0.29	11.26	1.99	101
SVE-1065 E1 Pre Cat B		6/23/09	--	0.39	11.68	1.14	202
SVE-1065 E1 Pre Cat B		7/16/09	9.00	0.68	9.22	4.70	1,150
SVE-1065 E1 Pre Cat B		8/21/09	1.5	0.28	9.72	5.70	16
SVE-1065 E1 Pre Cat B		9/15/09	7.0	0.70	9.90	3.92	1,680
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
SVE-1065 E1 Post Cat		4/28/09	--	0.36	12.12	0.63	99
SVE-1065 E1 Post Cat		5/11/09	3	0.12	5.34	12.3	29
SVE-1065 E1 Post Cat		6/23/09	--	0.38	11.82	1.04	173
SVE-1065 E1 Post Cat		7/16/09	2.00	0.78	10.70	2.22	1,014
SVE-1065 E1 Post Cat		8/21/09	0.3	0.41	10.46	4.46	109
SVE-1065 E1 Post Cat		9/15/09	1.2	0.68	10.68	2.64	1,056
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 A		4/28/09	--	0.35	11.94	0.88	169
SVE-1065 E2 Pre Cat A		5/11/09	13	0.23	9.38	5.17	121
SVE-1065 E2 Pre Cat A		6/23/09	--	0.49	11.32	1.46	485
SVE-1065 E2 Pre Cat A		7/16/09	8.00	0.31	11.40	1.92	105
SVE-1065 E2 Pre Cat A		8/21/09	6.0	0.57	10.78	2.34	562
SVE-1065 E2 Pre Cat A		9/15/09	Engine not running				
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 Pre Cat B		3/24/09	17.5	0.23	7.88	8.13	98
SVE-1065 E2 Pre Cat B		3/31/09	--	0.24	8.22	7.45	96
SVE-1065 E2 Pre Cat B		4/28/09	--	0.38	11.86	1.00	184
SVE-1065 E2 Pre Cat B		5/11/09	14	0.33	10.88	2.51	126
SVE-1065 E2 Pre Cat B		6/23/09	--	0.45	11.36	1.41	505
SVE-1065 E2 Pre Cat B		7/16/09	8.00	0.22	8.64	6.52	71
SVE-1065 E2 Pre Cat B		8/21/09	5.5	0.58	10.64	2.52	832
SVE-1065 E2 Pre Cat B		9/15/09	Engine not running				
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

Table 3-1. Soil Vapor Monitoring Summary, Bulk Fuels Facility (Page 12 of 13)

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
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-1065 E2 Post Cat		4/28/09	--	0.38	11.98	0.76	132
SVE-1065 E2 Post Cat		5/11/09	4	0.12	5.04	13.03	46
SVE-1065 E2 Post Cat		6/23/09	--	0.54	11.52	1.03	420
SVE-1065 E2 Post Cat		7/16/09	2.00	0.34	12.12	0.75	86
SVE-1065 E2 Post Cat		8/21/09	1.2	0.65	10.96	2.00	677
SVE-1065 E2 Post Cat		9/15/09	Engine not running				
SVE-1068 Vapor Treatment Influent		3/31/09	--	0.00	3.40	10.24	46,890
SVE-1068 Vapor Treatment Influent		5/12/09	16.5	0.00	1.46	16.36	17,982
SVE-1068 Vapor Treatment Influent		6/23/09	--	0.11	2.46	13.52	25,020
SVE-1068 Vapor Treatment Influent		7/16/09	-15.00	0.02	2.74	12.58	25,920
SVE-1068 Vapor Treatment Influent		8/21/09	-20.0	0.01	2.50	13.20	25,830
SVE-1068 Vapor Treatment Influent		9/15/09	-15.0	0.02	2.48	13.52	22,860
SVE-1068 E1 Pre Cat A		3/31/09	--	0.15	6.56	10.27	53
SVE-1068 E1 Pre Cat A		5/12/09	11	0.22	8.44	5.88	66
SVE-1068 E1 Pre Cat A		6/23/09	--	0.36	10.82	1.36	296
SVE-1068 E1 Pre Cat A		7/16/09	20.50	0.42	10.52	1.17	306
SVE-1068 E1 Pre Cat A		8/21/09	18.5	0.50	9.96	2.25	548
SVE-1068 E1 Pre Cat A		9/15/09	11.0	0.28	11.04	1.63	111
SVE-1068 E1 Pre Cat B		3/31/09	--	0.28	9.52	4.97	39
SVE-1068 E1 Pre Cat B		5/12/09	9	0.26	9.84	3.26	83
SVE-1068 E1 Pre Cat B		6/23/09	--	0.41	11.46	1.37	433
SVE-1068 E1 Pre Cat B		7/16/09	18.00	0.40	10.44	1.34	488
SVE-1068 E1 Pre Cat B		8/21/09	14	0.55	9.96	2.16	837
SVE-1068 E1 Pre Cat B		9/15/09	11.0	0.28	11.12	1.43	102
SVE-1068 E1 Post Cat		3/31/09	--	0.25	10.28	3.56	34
SVE-1068 E1 Post Cat		5/12/09	1.2	0.09	9.7	3.80	57
SVE-1068 E1 Post Cat		6/23/09	--	0.10	11.08	0.78	238
SVE-1068 E1 Post Cat		7/16/09	2.90	0.07	11.10	0.65	250
SVE-1068 E1 Post Cat		8/21/09	2	0.19	10.20	1.01	520
SVE-1068 E1 Post Cat		9/15/09	0.80	0.26	11.28	0.99	94
SVE-1068 E2 Pre Cat A		3/31/09	--	0.11	3.70	14.88	30
SVE-1068 E2 Pre Cat A		5/12/09	11	0.27	8.86	1.92	98
SVE-1068 E2 Pre Cat A		6/23/09	--	0.37	11.06	1.01	189
SVE-1068 E2 Pre Cat A		7/16/09	--	--	--	--	--
SVE-1068 E2 Pre Cat A		8/21/09	9	0.28	11.36	1.40	67
SVE-1068 E2 Pre Cat A		9/15/09	9.0	0.25	11.30	1.00	89
SVE-1068 E2 Pre Cat B		3/31/09	--	0.30	8.82	7.09	68
SVE-1068 E2 Pre Cat B		5/12/09	10	0.27	9.4	3.95	94
SVE-1068 E2 Pre Cat B		6/23/09	--	0.34	11.46	1.08	230
SVE-1068 E2 Pre Cat B		7/16/09	--	--	--	--	--
SVE-1068 E2 Pre Cat B		8/21/09	9	0.29	11.66	1.03	66
SVE-1068 E2 Pre Cat B		9/15/09	8.0	0.24	11.10	1.51	82
SVE-1068 E2 Post Cat		3/31/09	--	0.28	8.94	5.72	57
SVE-1068 E2 Post Cat		5/12/09	1.2	0.18	10.14	3.01	74
SVE-1068 E2 Post Cat		6/23/09	--	0.16	0.60	0.60	123
SVE-1068 E2 Post Cat		7/16/09	--	--	--	--	--
SVE-1068 E2 Post Cat		8/21/09	0.7	0.25	11.60	1.02	58
SVE-1068 E2 Post Cat		9/15/09	1.1	0.25	11.14	1.55	64
SVE-1066 Vapor Treatment Influent		4/28/09	--	0.00	6.56	6.09	71,010
SVE-1066 Vapor Treatment Influent		5/11/09	-10	0.00	6.06	8.3	69,840
SVE-1066 Vapor Treatment Influent		6/23/09	--	0.00	5.34	9.36	60,210

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

Well	Screen	Sample	Pressure	CO	CO2	O2	HC
SVE-1066 Vapor Treatment Influent		7/16/09	9.80	0.00	5.20	9.45	59,130
SVE-1066 Vapor Treatment Influent		8/21/09	-10.5	0.00	5.26	9.85	59,220
SVE-1066 Vapor Treatment Influent		9/15/09	-10.5	0.00	5.18	10.14	56,970
SVE-1066 E1 Pre Cat A		4/28/09	--	0.35	12.04	1.69	27
SVE-1066 E1 Pre Cat A		5/11/09	11	0.08	3.66	15.71	35
SVE-1066 E1 Pre Cat A		6/23/09	--	0.35	11.94	1.36	129
SVE-1066 E1 Pre Cat A		7/16/09	10.00	0.34	11.64	1.62	83
SVE-1066 E1 Pre Cat A		8/21/09	7.00	0.30	11.68	1.86	101
SVE-1066 E1 Pre Cat A		9/15/09	8.5	0.37	11.82	1.66	149
SVE-1066 E1 Pre Cat B		4/28/09	--	0.38	12.52	0.88	48
SVE-1066 E1 Pre Cat B		5/11/09	10	0.32	10.46	4.68	60
SVE-1066 E1 Pre Cat B		6/23/09	--	0.35	11.66	1.82	74
SVE-1066 E1 Pre Cat B		7/16/09	8.00	0.34	11.68	1.59	111
SVE-1066 E1 Pre Cat B		8/21/09	9.0	0.28	9.44	5.35	1,892
SVE-1066 E1 Pre Cat B		9/15/09	7.0	0.32	11.66	2.00	334
SVE-1066 E1 Post Cat		4/28/09	--	0.24	12.68	0.75	24
SVE-1066 E1 Post Cat		5/11/09	1.5	0.37	12.1	2.01	81
SVE-1066 E1 Post Cat		6/23/09	--	0.25	8.74	6.25	80
SVE-1066 E1 Post Cat		7/16/09	1.40	0.36	12.18	0.90	87
SVE-1066 E1 Post Cat		8/21/09	0.08	0.05	1.86	18.06	737
SVE-1066 E1 Post Cat		9/15/09	Sample port blocked				
SVE-1066 E2 Pre Cat A		4/28/09	Engine not running				
SVE-1066 E2 Pre Cat A		5/11/09	9	0.32	10.34	4.95	73
SVE-1066 E2 Pre Cat A		6/23/09	--	0.40	11.09	2.70	826
SVE-1066 E2 Pre Cat A		7/16/09	8.00	0.29	11.30	2.27	106
SVE-1066 E2 Pre Cat A		8/21/09	13.5	0.39	11.88	1.24	409
SVE-1066 E2 Pre Cat A		9/15/09	14.0	0.30	11.58	2.10	261
SVE-1066 E2 Pre Cat B		4/28/09	Engine not running				
SVE-1066 E2 Pre Cat B		5/11/09	11	0.37	12.24	1.53	93
SVE-1066 E2 Pre Cat B		6/23/09	--	0.43	12.04	1.17	170
SVE-1066 E2 Pre Cat B		7/16/09	7.50	0.31	11.68	1.70	275
SVE-1066 E2 Pre Cat B		8/21/09	10	0.38	11.40	2.02	1,059
SVE-1066 E2 Pre Cat B		9/15/09	12.0	0.36	9.94	4.81	1,922
SVE-1066 E2 Post Cat		4/28/09	Engine not running				
SVE-1066 E2 Post Cat		5/11/09	2	0.00	0.06	21.73	215
SVE-1066 E2 Post Cat		6/23/09	--	0.45	11.76	1.58	438
SVE-1066 E2 Post Cat		7/16/09	1.80	0.32	12.08	1.12	187
SVE-1066 E2 Post Cat		8/21/09	1	0.41	11.64	1.75	743
SVE-1066 E2 Post Cat		9/15/09	1.0	0.35	12.10	1.19	266

Table 3-6. 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					Well KAFB-1063				Well KAFB-1064				Well KAFB-1067				
				10/29/08	01/27/09	04/27/09	07/22/09	10/30/08	01/20/09	01/20/09	04/27/09	07/23/09	10/29/08	01/20/09	07/27/09	07/27/09	10/28/08	01/21/09	04/29/09	07/23/09	10/29/08	01/27/09	01/27/09	04/28/09	07/22/09
				Q408	Q109	Q209	Q309	Q408	Q109	DUPQ109	Q209	Q309	Q408	Q109	Q309	Q309Dup	Q408	Q109	Q209	Q309	Q408	Q109	Q109 DUP	Q209	Q309
TPH (mg/L) Method 8015B	DRO	NA	NA	< 0.25	0.27 U	0.26 U	0.26 U	< 0.25	0.25 U	0.25 U	0.25 U	0.71 J	< 0.25	0.26 U	0.084 J	0.081 J	< 0.25	0.25 U	0.26 U	0.053 J	0.25 U	0.28 U	0.26 U	0.26 U	0.26 U
	MRO	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	GRO	NA	NA	0.34	0.14	0.140 J	0.31	0.06	0.081	0.081	0.098 J	0.20	< 0.06	0.06 U	0.088	0.088	0.042	0.086	0.064 U	0.064 U	0.056	0.033 J	0.033 J	0.068 J	0.17
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	1,1,1,2-Tetrachloroethane	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,1-Trichloroethane	NA	60 *	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2,2-Tetrachloroethane	NA	10 *	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2-Trichloroethane	NA	5.0	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethane	NA	25 *	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethene	NA	5.0 *	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloropropene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,3-Trichlorobenzene	NA	NA	< 1	1.2 U	1.2 U	1.2 U	< 1	1.2 U	1.2 U	1.2 U	1.2 U	< 1	1.2 U	1.2 U	1.2 U	< 1	1.2 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U
	1,2,3-Trichloropropane	NA	NA	< 1	1.5 U	1.5 U	1.5 U	< 1	1.5 U	1.5 U	1.5 U	1.5 U	< 1	1.5 U	1.5 U	1.5 U	< 1	1.5 U	1.5 U	1.5 U	1 U	1.5 U	1.5 U	1.5 U	1.5 U
	1,2,4-Trichlorobenzene	NA	70	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,4-Trimethylbenzene	NA	NA	0.37 J	1 U	1 U	0.45 J	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dibromo-3-chloropropane	NA	0.2	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	1,2-Dibromoethane (EDB) [d]	NA	0.05	4.4	1 U	**4.2 J**	**8.5**	< 1	1 U	1 U	0.02 U	0.02 U	< 1	1 U	0.02 U	0.02 U	< 1	1 U	0.02 U	0.02 U	1 U	1 U	1 U	0.02 U	0.02 U
	1,2-Dichlorobenzene	NA	600	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloroethane (EDC)	NA	5.0	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	5.0	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3,5-Trimethylbenzene	NA	NA	0.26 J	1 U	1 U	0.28 J	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichlorobenzene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichloropropane	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	75	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1-Methylnaphthalene	NA	30* [g]	--	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 U		1.1 U	1.1 U	1 U	1 U
	2,2-Dichloropropane	NA	NA	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	2-Butanone (MEK)	NA	NA	< 6	6 U	6 U	6 U	< 6	6 U	6 U	1 U	1 U	< 6	6 U	1 U	1 U	< 6	6 U	1 U	1 U	6 U	6 U	6 U	1 U	1 U
	2-Chlorotoluene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2-Hexanone	NA	NA	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	4-Chlorotoluene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Isopropyltoluene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Methyl-2-pentanone	NA	NA	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Acetone	NA	NA	86	10 U	10 U	42.8	< 10	10 U	10 U	10 U	10 U	< 2.6	10 U	10 U	10 U	< 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Benzene	NA	5.0	22	1 U	**11.4**	**39.5**	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromobenzene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromochloromethane	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromodichloromethane	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromoform	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromomethane	NA	NA	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon disulfide	NA	NA	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon tetrachloride	NA	5.0	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chlorobenzene	NA	100	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloroethane	NA	NA	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Chloroform	NA	100 *	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloromethane	NA	NA	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	cis-1,2-Dichloroethene	NA	70	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,3-Dichloropropene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromochloromethane	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromomethane	NA	NA	< 1	1.1 U	1.1 U	1.1 U	< 1	1.1 U	1.1 U	1.1 U	1.1 U	< 1	1.1 U	1.1 U	1.1 U	< 1	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U
	Dichlorodifluoromethane	NA	NA	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Ethylbenzene	NA	700	1.4	1 U	0.69 J	1.7	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3-6. 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					Well KAFB-1063				Well KAFB-1064				Well KAFB-1067				
				10/29/08	01/27/09	04/27/09	07/22/09	10/30/08	01/20/09	01/20/09	04/27/09	07/23/09	10/29/08	01/20/09	07/27/09	07/27/09	10/28/08	01/21/09	04/29/09	07/23/09	10/29/08	01/27/09	01/27/09	04/28/09	07/22/09
				Q408	Q109	Q209	Q309	Q408	Q109	DUPQ109	Q209	Q309	Q408	Q109	Q309	Q309Dup	Q408	Q109	Q209	Q309	Q408	Q109	Q109 DUP	Q209	Q309
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	Isopropylbenzene	NA	NA	0.59 J	1 U	1 U	0.53 J	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Methyl tert-butyl ether (MTBE)	NA	NA	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Methylene chloride	NA	5.0	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	< 5	5 U	5 U	5 U	< 5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Naphthalene	NA	30* [g]	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	n-Butylbenzene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	n-Propylbenzene	NA	NA	0.17 J	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	sec-Butylbenzene	NA	NA	0.19 J	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Styrene	NA	100	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	tert-Butylbenzene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Tetrachloroethene	NA	5.0	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Toluene	NA	750 *	32	1 U	19.1	50.8	< 1	1 U	1 U	1 U	1 U	< 1	1 U	40.5	40.2	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	trans-1,2-DCE	NA	100	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	trans-1,3-Dichloropropene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Trichloroethene	NA	5.0	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Trichlorofluoromethane	NA	NA	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	< 2	2 U	2 U	2 U	< 2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Vinyl chloride	NA	1.0 *	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Xylenes, m-, p- (sum of isomers)	NA	NA	6.6	2 U	1 U	7.8	< 2	2 U	2 U	1 U	1 U	< 2	2 U	1 U	1 U	< 2	2 U	1 U	1 U	2 U	2 U	2 U	1 U	1 U
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	2.8	1 U	1 U	2.9	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Xylenes, Total	NA	620 *	9.4	2 U	3.4	10.7	< 2	2 U	2 U	1 U	1 U	< 2	2 U	1 U	1 U	< 2	2 U	1 U	1 U	2 U	3 U	3 U	1 U	1 U
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	--	1 U	1 U	1 U	NS	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 U	1 U
	1,2-Dichlorobenzene	NA	NA	< 10	10.5U	10.5 U	10.5 U	< 10	10.3U	10.2U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	1,3-Dichlorobenzene	NA	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 U	--	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	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 U	--	1 U	1 U	1 U	1 U
	1,3-Dinitrobenzene	NA	NA	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	1-Methylnaphthalene	NA	30* [g]	--	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 U	--	1.1 U	1.1 U	1 U	1 U
	2,4,5-Trichlorophenol	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	2,4,6-Trichlorophenol	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	2,4-Dimethylphenol	NA	NA	1.5 J	10.5 U	10.5 U	4.3 J	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	2,4-Dinitrophenol	NA	NA	< 60	62.8 U	63.2 U	63.2 U	< 60	61.2 U	61.2 U	63.2 U	63.2 U	< 60	61.8 U	63.2 U	63.2 U	< 60	61.8 U	63.2 U	63.2 U	60 U	63.2 U	58.2 U	63.2 U	63.2 U
	2,4-Dinitrotoluene	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	2,6-Dinitrotoluene	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	2-Chloronaphthalene	NA	NA	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	2-Chlorophenol	NA	NA	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	2-Methylnaphthalene	NA	30* [g]	< 10	10.5 U	10.5 U	10.5 U	< 10	10.3 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	2-Methylphenol	NA	NA	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	2-Nitroaniline	NA	NA	< 50	52.4 U	52.6 U	52.6 U	< 50	51 U	51 U	52.6 U	52.6 U	< 50	51.5 U	52.6 U	52.6 U	< 50	51.5 U	52.6 U	52.6 U	50 U	52.6 U	48.5 U	52.6 U	52.6 U
	2-Nitrophenol	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	3,3´-Dichlorobenzidine	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	3-Nitroaniline	NA	NA	< 50	52.4 U	52.6 U	52.6 U	< 50	51 U	51 U	52.6 U	52.6 U	< 50	51.5 U	52.6 U	52.6 U	< 50	51.5 U	52.6 U	52.6 U	50 U	52.6 U	48.5 U	52.6 U	52.6 U
	4,6-Dinitro-2-methylphenol	NA	NA	< 60	62.8 U	63.2 U	63.2 U	< 60	61.2 U	61.2 U	63.2 U	63.2 U	< 60	61.8 U	63.2 U	63.2 U	< 60	61.8 U	63.2 U	63.2 U	60 U	63.2 U	58.2 U	63.2 U	63.2 U
	4-Bromophenyl phenyl ether	NA	NA	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	4-Chloro-3-methylphenol	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	4-Chloroaniline	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	4-Chlorophenyl phenyl ether	NA	NA	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	4-Nitroaniline	NA	NA	< 50	10.5 U	10.5 U	10.5 U	< 50	10.2 U	10.2 U	10.5 U	10.5 U	< 50	10.3 U	10.5 U	10.5 U	< 50	10.3 U	10.5 U	10.5 U	50 U	10.5 U	9.7 U	10.5 U	10.5 U
	4-Nitrophenol	NA	NA	< 50	52.4 U	52.6 U	52.6 U	< 50	51 UJ	51 UJ	52.6 U	52.6 U	< 50	51.5 UJ	52.6 U	52.6 U	< 50	51.5 UJ	52.6 U	52.6 U	50 U	52.6 U	48.5 U	52.6 U	52.6 U
	Benzidine	NA	NA	< 150	157 U	158 U	158 U	< 150	153 U	153 U	158 U	158 U	< 150	155 U	158 U	158 U	< 150	155 U	158 U	158 U	150 U	158 U	146 U	158 U	158 U
	Benzoic acid	NA	NA	< 60	62.8 U	63.2 U	63.2 U	< 60	61.2 U	61.2 U	63.2 U	63.2 U	< 60	61.8 U	63.2 U	63.2 U	< 60	61.8 U	63.2 U	63.2 U	60 U	63.2 U	58.2 U	63.2 U	63.2 U
	Bis(2-chloroethoxy)methane	NA	NA	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	Bis(2-chloroethyl)ether	NA	NA	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U

Table 3-6. 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					Well KAFB-1063				Well KAFB-1064				Well KAFB-1067				
				10/29/08	01/27/09	04/27/09	07/22/09	10/30/08	01/20/09	01/20/09	04/27/09	07/23/09	10/29/08	01/20/09	07/27/09	07/27/09	10/28/08	01/21/09	04/29/09	07/23/09	10/29/08	01/27/09	01/27/09	04/28/09	07/22/09
				Q408	Q109	Q209	Q309	Q408	Q109	DUPQ109	Q209	Q309	Q408	Q109	Q309	Q309Dup	Q408	Q109	Q209	Q309	Q408	Q109	Q109 DUP	Q209	Q309
SVOCs (ug/L) Method 8270	Bis(2-ethylhexyl)phthalate	NA	NA	< 10	7 J	10.5 U	10.5 U	2 J	10.2 U	10.2 U	10.5 U	9.8 J	6.3 J	10.3 U	10.5 U	10.5 U	7.2 J	10.3 U	8.3 J	10.5 U	10 U	10.5 U	9.7 U	12	12
	Butyl benzyl phthalate	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	Dibenzofuran	NA	NA	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	Diethyl phthalate	NA	NA	< 20	10.5 U	10.5 U	10.5 U	< 20	10.2 U	10.2 U	10.5 U	10.5 U	< 20	10.3 U	10.5 U	10.5 U	< 20	10.3 U	10.5 U	10.5 U	20 U	10.5 U	9.7 U	10.5 U	10.5 U
	Dimethyl phthalate	NA	NA	< 20	10.5 U	10.5 U	10.5 U	< 20	10.2 U	10.2 U	10.5 U	10.5 U	< 20	10.3 U	10.5 U	10.5 U	< 20	10.3 U	10.5 U	10.5 U	20 U	10.5 U	9.7 U	10.5 U	10.5 U
	Di-n-butyl phthalate	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	Di-n-octyl phthalate	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	Hexachlorobenzene	NA	1.0	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	Hexachlorocyclopentadiene	NA	50	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	Hexachloroethane	NA	NA	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	Hexachlorobutadiene	NA	NA	< 10	10.5U	10.5 U	10.5 U	< 10	10.3U	10.2U	10.5 U	10.5 U	< 10	10.3U	10.5 U	10.5 U	< 10	10.3U	10.5 U	10.5 U	10 U	10.5U	9.7U	10.5 U	10.5 U
	Naphthalene	NA	30* [g]	< 10	10.5U	10.5 U	10.5 U	< 10	10.3U	10.2U	10.5 U	10.5 U	< 10	10.3U	10.5 U	10.5 U	< 10	10.3U	10.5 U	10.5 U	10 U	10.5U	9.7U	10.5 U	10.5 U
	Nitrobenzene	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	N-Nitrosodi-n-propylamine	NA	NA	< 20	20.9 U	21 U	21 U	< 20	20.4 U	20.4 U	21 U	21 U	< 20	20.6 U	21 U	21 U	< 20	20.6 U	21 U	21 U	20 U	21 U	19.4 U	21 U	21 U
	N-Nitrosodiphenylamine	NA	NA	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 U	10.2 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	< 10	10.3 U	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
	Pentachlorophenol	NA	1.0	< 60	62.8 U	63.2 U	63.2 U	< 60	61.2 U	61.2 U	63.2 U	63.2 U	< 60	61.8 U	63.2 U	63.2 U	< 60	61.8 U	63.2 U	63.2 U	60 U	63.2 U	58.2 U	63.2 U	63.2 U
	Phenol	NA	5.0 *	< 10	10.5 U	10.5 U	10.5 U	< 10	10.2 UJ	10.2 UJ	10.5 U	10.5 U	< 10	10.3 UJ	10.5 U	10.5 U	< 10	10.3 UJ	10.5 U	10.5 U	10 U	10.5 U	9.7 U	10.5 U	10.5 U
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	< 1	1 U	0.085 J	0.096 J	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U	1 U
	2-Methylnaphthalene	NA	30* [g]	< 1	1 U	1 U	0.088 J	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U	1 U
	Acenaphthene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U	1 U
	Acenaphthylene	NA	NA	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	< 1	1 U	1 U	1 U	< 1	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U	1 U
	Anthracene	NA	NA	< 0.3	0.31 U	0.32 U	0.32 U	< 0.3	0.31 U	0.31 U	0.32 U	0.32 U	< 0.3	0.31 U	0.32 U	0.32 U	< 0.3	0.31 U	0.32 U	0.32 U	0.3 U	0.33 U	0.32 U	0.32 U	0.32 U
	Benz(a)anthracene	NA	NA	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.21 U	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U
	Benzo(a)pyrene	NA	0.2	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.21 U	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U
	Benzo(b)fluoranthene	NA	NA	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.21 U	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U
	Benzo(g,h,i)perylene	NA	NA	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.21 U	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.036 J	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U
	Benzo(k)fluoranthene	NA	NA	< 0.1	0.1 U	0.16 U	0.16 U	< 0.1	0.1 U	0.1 U	0.16 U	0.16 U	< 0.1	0.1 U	0.16 U	0.16 U	< 0.1	0.1 U	0.16 U	0.16 U	0.1 U	0.16 U	0.16 U	0.16 U	0.16 U
	Chrysene	NA	NA	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.21 U	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U
	Dibenz(a,h)anthracene	NA	NA	< 0.3	0.31 U	0.32 U	0.32 U	< 0.3	0.31 U	0.31 U	0.32 U	0.32 U	< 0.3	0.31 U	0.32 U	0.32 U	< 0.3	0.31 U	0.32 U	0.32 U	0.3 U	0.33 U	0.32 U	0.32 U	0.32 U
	Fluoranthene	NA	NA	< 0.4	0.41 U	0.42 U	0.42 U	< 0.4	0.41 U	0.41 U	0.42 U	0.42 U	< 0.4	0.41 U	0.42 U	0.42 U	< 0.4	0.41 U	0.42 U	0.42 U	0.4 U	0.44 U	0.42 U	0.42 U	0.42 U
	Fluorene	NA	NA	0.1 J	0.31 U	0.32 U	0.32 U	< 0.3	0.31 U	0.31 U	0.32 U	0.32 U	< 0.3	0.31 U	0.32 U	0.32 U	< 0.3	0.31 U	0.32 U	0.32 U	0.3 U	0.33 U	0.32 U	0.32 U	0.32 U
	Indeno(1,2,3-cd)pyrene	NA	NA	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.21 U	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.028 J	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U
	Naphthalene	NA	30* [g]	< 1	1 U	0.13 J	0.32 J	< 1	1 U	1 U	1 U	1 U	< 1	1 U	0.17 J	0.18 J	< 1	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U	1 U
	Phenanthrene	NA	NA	< 0.3	0.31 U	0.32 U	0.32 U	< 0.3	0.31 U	0.31 U	1 U	1 U	< 0.3	0.31 U	1 U	1 U	< 0.3	0.31 U	1 U	1 U	0.3 U	0.33 U	0.32 U	1 U	1 U
	Pyrene	NA	NA	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.21 U	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	< 0.2	0.2 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	--	0.1 U	0.1 U	0.0439 J	--	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.164	0.16	--	0.1 U	0.1 U	0.1 U	--	0.1 U	0.173	0.1 U	0.00916 J
	Manganese (dissolved)	NA	0.05 (s)	--	0.0293	**0.0559**	**0.127**	--	0.00195 J	0.00195 J	0.013	**0.223**	--	0.01 U	0.0033 J	0.00326 J	--	0.01 U	**0.645 J**	0.01 U	--	0.00144 J	0.00174 J	**0.559 J**	0.0019 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	0.0691 J	0.067 J	0.084 J	0.25 J	0.294 J	0.294 J	0.26 J	10 U	3.1	3.13 J	3.2 J	3.2 J	0.58	0.91 J	0.97 J	0.95 J	0.47 J	0.525 J	0.52 J	0.37 J	0.12 J
	Sulfate	NA	250 (s)		25.6	26	25.7	--	33.4	33.4	34.3	39.2	--	169	173	174	--	46.2	47.8	47.3	--	31.7	31.6	32.2	31.6
Alkalinity (mg/L CaCO3)	Total Alkalinity	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Carbonate $CO3^{2-}$	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bicarbonate HCO^{3-}	NA	NA	--	--	--	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--

Table 3-6. 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-10611					Well KAFB-10612				Well KAFB-10613				Well KAFB-10615				Well KAFB-10616				
				10/27/08	10/27/08	01/26/09	04/21/09	08/06/09	10/28/08	02/02/09	04/23/09	08/05/09	10/28/08	01/22/09	04/24/09	07/28/09	11/03/08	01/26/09	04/20/09	08/05/09	10/30/08	01/27/09	04/21/09	04/21/09	08/06/09
				Q408	Q408DUP	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209Dup	Q209	Q309
TPH (mg/L) Method 8015B	DRO	NA	NA	0.15 J	0.18 J	0.25 U	0.070 J	0.120 J	0.13 J	0.16 J	0.062 J	0.064 J	0.13 J	0.26 U	0.10 J	0.066 J	--	0.26 U	0.084 J	0.26 U	--	0.27 U	0.077 J	0.082 J	0.16 J
	MRO	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	GRO	NA	NA	0.052 J	0.059 J	0.018	0.37	0.16	0.06 U	1.7	0.480 J	0.14	0.06 U	0.067	0.080 J	0.25	--	0.055 J	0.060 J	0.064 U	--	0.2	0.11	0.11	0.064 U
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	1,1,1,2-Tetrachloroethane	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,1-Trichloroethane	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2,2-Tetrachloroethane	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2-Trichloroethane	NA	5.0	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethane	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethene	NA	5.0 *	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloropropene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,3-Trichlorobenzene	NA	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 UJ	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 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
	1,2,3-Trichloropropane	NA	NA	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	1.5 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	1.5 U	1.5 U	1.5 U	1.5 U
	1,2,4-Trichlorobenzene	NA	70	1 U	1 U	1 U	1 U	1.3	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 U	1 U	1 U	1 U	1 U
	1,2,4-Trimethylbenzene	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	0.23 J	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 U	1 U	1 U
	1,2-Dibromo-3-chloropropane	NA	0.2	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	1,2-Dibromoethane (EDB) [d]	NA	0.05	1 U	1 U	1 U	0.03	0.03	1 U	1 U	0.03 U	0.02 U	1 U	1 U	0.02 U	0.02 U	1 U	1 U	0.02 U	0.02 U	1 U	1 U	0.02 U	0.02 U	0.02 U
	1,2-Dichlorobenzene	NA	600	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloroethane (EDC)	NA	5.0	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	5.0	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3,5-Trimethylbenzene	NA	NA	1 U	1 U	1 U	1 U	0.84 J	1 U	0.57 J	1 U	1 U	0.24 J	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-Dichlorobenzene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichloropropane	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	75	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1-Methylnaphthalene	NA	30* [g]			1.1 U	1 U	1 U	--	0.037 J	1 U	1 U	--	1 U	1 U	1 U	--	1.1 U	1 U	1 U	--	0.078 J	1 U	1 U	1 U
	2,2-Dichloropropane	NA	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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	2-Butanone (MEK)	NA	NA	6 U	6 U	6 U	6.1	1 U	6 U	6 U	1 U	1 U	6 U	6 U	1 U	1 U	6 U	6 U	1 U	1 U	6 U	6 U	1 U	1 U	1 U
	2-Chlorotoluene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	2-Hexanone	NA	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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	4-Chlorotoluene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Isopropyltoluene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	4-Methyl-2-pentanone	NA	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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Acetone	NA	NA	10 U	10 U	10 U	10 U	9.7 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.2 J	10 U	10 U	10 U	10 U
	Benzene	NA	5.0	0.21 J	0.2 J	1 U	1 U	1 U	3.6	166	**56.3**	1 U	0.65 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromobenzene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromochloromethane	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromodichloromethane	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromoform	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromomethane	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	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	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	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon tetrachloride	NA	5.0	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chlorobenzene	NA	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloroethane	NA	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	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Chloroform	NA	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Chloromethane	NA	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	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	70	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,3-Dichloropropene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromochloromethane	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromomethane	NA	NA	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	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	1.1 U	1.1 U	1.1 U	1.1 U
	Dichlorodifluoromethane	NA	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	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Ethylbenzene	NA	700	1 U	1 U	1 U	1 U	1 U	1 U	4.8	2.6	1 U	0.66 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3-6. 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-10611					Well KAFB-10612				Well KAFB-10613				Well KAFB-10615				Well KAFB-10616				
				10/27/08	10/27/08	01/26/09	04/21/09	08/06/09	10/28/08	02/02/09	04/23/09	08/05/09	10/28/08	01/22/09	04/24/09	07/28/09	11/03/08	01/26/09	04/20/09	08/05/09	10/30/08	01/27/09	04/21/09	04/21/09	08/06/09
				Q408	Q408DUP	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209Dup	Q209	Q309
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	Isopropylbenzene	NA	NA	1 U	1 U	1 U	1 U	0.68 J	1 U	1.6	2.6	0.76 J	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 U
	Methyl tert-butyl ether (MTBE)	NA	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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Methylene chloride	NA	5.0	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Naphthalene	NA	30* [g]	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	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 U	1 U	1 U
	n-Butylbenzene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	n-Propylbenzene	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	0.76 J	0.62 J	1 U	0.3 J	1 U	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	NA	1 U	1 U	1 U	1 U	1 U	1 U	0.38 J	0.68 J	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 U	1 U
	Styrene	NA	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	tert-Butylbenzene	NA	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Tetrachloroethene	NA	5.0	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Toluene	NA	750 *	0.76 J	0.71 J	52.3	131	1 U	4.3	98.7	10.9	1 U	3.7	28.8	12.1	105	0.98 U	22	15	1 U	0.84 J	67.9	42.8	40.9	1 U
	trans-1,2-DCE	NA	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	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	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Trichloroethene	NA	5.0	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Trichlorofluoromethane	NA	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	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	Vinyl chloride	NA	1.0 *	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Xylenes, m-, p- (sum of isomers)	NA	NA	0.34 J	0.28 J	2 U	1 U	2.2	0.62 J	10	0.29 J	1 U	2.1	2 U	1 U	1 U	2 U	2 U	1 U	1 U	2 U	2 U	1 U	1 U	1 U
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	1 U	1 U	1 U	1 U	1 U	0.28 J	5	1 U	1 U	0.93 J	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	NA	620 *	0.34 J	0.28 J	3 U	1 U	2.2 J	0.9 J	15.1	0.29 J	1 U	3	3 U	1 U	1 U	3 U	3 U	1 U	1 U	3 U	3 U	1 U	1 U	1 U
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	NS	NS	1 U	1 U	1 U	NS	1 U	1 U	1 U	NS	1 U	1 U	1 U	NS	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U
	1,2-Dichlorobenzene	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	1,3-Dichlorobenzene	NA	NA	NS	NS	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 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	NA	NS	NS	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 U	1 U	1 U	1 U
	1,3-Dinitrobenzene	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	1-Methylnaphthalene	NA	30* [g]	NS	NS	1.1 U	1 U	1 U	--	0.037 J	1 U	1 U	--	1 U	1 U	1 U	--	1.1 U	1 U	1 U	--	0.078 J	1 U	1 U	1 U
	2,4,5-Trichlorophenol	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	2,4,6-Trichlorophenol	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	2,4-Dimethylphenol	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	2,4-Dinitrophenol	NA	NA	64.2 U	65.9 U	64.2 U	63.2 U	63.2 U	63.5 U	61.2 U	63.2 U	63.2 U	63.8 U	63.8 U	63.2 U	63.2 U	R	62.2 U	63.2 U	63.2 U	63.2 U	66.7 U	63.2 U	63.2 U	63.2 U
	2,4-Dinitrotoluene	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	2,6-Dinitrotoluene	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	2-Chloronaphthalene	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	2-Chlorophenol	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	2-Methylnaphthalene	NA	30* [g]	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	2-Methylphenol	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	2-Nitroaniline	NA	NA	53.5 U	54.9 U	53.5 U	52.6 U	52.6 U	52.9 U	51 U	52.6 U	52.6 U	53.2 U	53.2 U	52.6 U	52.6 U	53.5 U	51.8 U	52.6 U	52.6 U	52.6 U	55.6 U	52.6 U	52.6 U	52.6 U
	2-Nitrophenol	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	3,3´-Dichlorobenzidine	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	3-Nitroaniline	NA	NA	53.5 U	54.9 U	53.5 U	52.6 U	52.6 U	52.9 U	51 U	52.6 U	52.6 U	53.2 U	53.2 U	52.6 U	52.6 U	53.5 U	51.8 U	52.6 U	52.6 U	52.6 U	55.6 U	52.6 U	52.6 U	52.6 U
	4,6-Dinitro-2-methylphenol	NA	NA	64.2 U	65.9 U	64.2 U	63.2 U	63.2 U	63.5 U	61.2 U	63.2 U	63.2 U	63.8 U	63.8 U	63.2 U	63.2 U	64.2 U	62.2 U	63.2 U	63.2 U	63.2 U	66.7 U	63.2 U	63.2 U	63.2 U
	4-Bromophenyl phenyl ether	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	4-Chloro-3-methylphenol	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	4-Chloroaniline	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	4-Chlorophenyl phenyl ether	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	4-Nitroaniline	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	4-Nitrophenol	NA	NA	53.5 U	54.9 U	53.5 U	52.6 U	52.6 U	52.9 U	51 U	52.6 U	52.6 U	53.2 U	53.2 U	52.6 U	52.6 U	53.5 U	51.8 U	52.6 U	52.6 U	52.6 U	55.6 U	52.6 U	52.6 U	52.6 U
	Benzidine	NA	NA	160 U	165 U	160 U	158 U	158 U	159 U	153 U	158 U	158 U	160 U	160 U	158 U	158 U	R	155 U	158 U	158 U	R	167 U	158 U	158 U	158 U
	Benzoic acid	NA	NA	64.2 U	65.9 U	64.2 U	63.2 U	63.2 U	R	R	63.2 U	63.2 U	R	63.8 U	63.2 U	63.2 U	R	62.2 U	63.2 U	63.2 U	63.2 U	66.7 U	63.2 U	63.2 U	63.2 U
	Bis(2-chloroethoxy)methane	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	Bis(2-chloroethyl)ether	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U

Table 3-6. 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-10611					Well KAFB-10612				Well KAFB-10613				Well KAFB-10615				Well KAFB-10616				
				10/27/08	10/27/08	01/26/09	04/21/09	08/06/09	10/28/08	02/02/09	04/23/09	08/05/09	10/28/08	01/22/09	04/24/09	07/28/09	11/03/08	01/26/09	04/20/09	08/05/09	10/30/08	01/27/09	04/21/09	04/21/09	08/06/09
				Q408	Q408DUP	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209Dup	Q209	Q309
SVOCs (ug/L) Method 8270	Bis(2-ethylhexyl)phthalate	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	Butyl benzyl phthalate	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	Dibenzofuran	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	Diethyl phthalate	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	Dimethyl phthalate	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	Di-n-butyl phthalate	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	Di-n-octyl phthalate	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	Hexachlorobenzene	NA	1.0	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	Hexachlorocyclopentadiene	NA	50	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	Hexachloroethane	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	Hexachlorobutadiene	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	Naphthalene	NA	30* [g]	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	Nitrobenzene	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	N-Nitrosodi-n-propylamine	NA	NA	21.4 U	22 U	21.4 U	21 U	21 U	21.2 U	20.4 U	21 U	21 U	21.3 U	21.3 U	21 U	21 U	21.4 U	20.7 U	21 U	21 U	21 U	22.2 U	21 U	21 U	21 U
	N-Nitrosodiphenylamine	NA	NA	10.7 U	11 U	10.7 U	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	10.6 U	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	11.1 U	10.5 U	10.5 U	10.5 U
	Pentachlorophenol	NA	1.0	64.2 U	65.9 U	64.2 U	63.2 U	63.2 U	63.5 U	61.2 U	63.2 U	63.2 U	63.8 U	63.8 U	63.2 U	63.2 U	64.2 U	62.2 U	63.2 U	63.2 U	63.2 U	66.7 U	63.2 U	63.2 U	63.2 U
	Phenol	NA	5.0 *	10.7 U	11 U	2.6 J	10.5 U	10.5 U	10.6 U	10.2 U	10.5 U	10.5 U	10.6 U	2.1 J	10.5 U	10.5 U	10.7 U	10.4 U	10.5 U	10.5 U	10.5 U	6.1 J	10.5 U	10.5 U	10.5 U
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	1.3	1.1	1.1 U	1 U	1 U	0.69 J	0.037 J	1 U	1 U	1.1	1 U	1 U	1 U	0.25 U	1.1 U	1 U	1 U	0.44 J	0.078 J	1 U	1 U	1 U
	2-Methylnaphthalene	NA	30* [g]	1.6	1.4	1.1 U	1 U	1 U	0.96 J	1 U	1 U	1 U	1.6	1 U	1 U	1 U	1.1 U	1.1 U	1 U	1 U	0.62 J	1.1 U	1 U	1 U	1 U
	Acenaphthene	NA	NA	0.18 J	0.15 J	1.1 U	1 U	1 U	0.1 J	1 U	1 U	1 U	0.14 J	1 U	1 U	1 U	0.036 U	1.1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U
	Acenaphthylene	NA	NA	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U
	Anthracene	NA	NA	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U	0.32 U	0.32 U	0.32 U	0.33 U	0.32 U	0.32 U	0.32 U	0.018 J	0.32 U	0.32 U	0.32 U
	Benz(a)anthracene	NA	NA	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U
	Benzo(a)pyrene	NA	0.2	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U
	Benzo(b)fluoranthene	NA	NA	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U
	Benzo(g,h,i)perylene	NA	NA	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U
	Benzo(k)fluoranthene	NA	NA	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.15 U	0.16 U	0.16 U	0.16 U	0.15 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
	Chrysene	NA	NA	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U
	Dibenz(a,h)anthracene	NA	NA	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U	0.32 U	0.32 U	0.32 U	0.33 U	0.32 U	0.32 U	0.32 U	0.33 U	0.32 U	0.32 U	0.32 U
	Fluoranthene	NA	NA	0.42 U	0.42 U	0.43 U	0.42 U	0.42 U	0.42 U	0.41 U	0.42 U	0.42 U	0.42 U	0.41 U	0.42 U	0.42 U	0.43 U	0.43 U	0.42 U	0.42 U	0.42 U	0.052 J	0.42 U	0.42 U	0.42 U
	Fluorene	NA	NA	0.28 J	0.24 J	0.32 U	0.32 U	0.32 U	0.16 J	0.3 U	0.32 U	0.32 U	0.19 J	0.31 U	0.32 U	0.12 J	0.32 U	0.33 U	0.32 U	0.32 U	0.32 U	0.33 U	0.32 U	0.32 U	0.32 U
	Indeno(1,2,3-cd)pyrene	NA	NA	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U
	Naphthalene	NA	30* [g]	0.38 J	0.38 J	1.1 U	0.12 J	1 U	0.23 J	0.076 J	1 U	1 U	0.34 J	1 U	1 U	0.5 J	1.1 U	1.1 U	1 U	1 U	0.18 J	0.095 J	1 U	1 U	1 U
	Phenanthrene	NA	NA	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U	0.32 U	0.32 U	0.32 U	0.33 U	0.32 U	0.32 U	0.32 U	0.33 U	0.32 U	0.32 U	0.32 U
	Pyrene	NA	NA	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	0.774 J	1.05 J	0.1 U	0.1 U	0.1 U	--	0.0348 J	0.171	0.0889 J	--	0.0185 J	0.1 U	0.275	--	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)	0.272	0.285	0.0297	0.0185	**0.226**	--	0.343	**0.953**	**0.438**	--	0.033	0.0375	0.0318	--	0.01 U	0.00201J	0.00234 J	--	0.0256	0.0126	0.0129	0.0074 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	10 U	0.018 J	10 U	0.14 J	10 U	10 U	0.0294 J	0.037 J	0.093 J	0.0471 J	0.133 J	0.12 J	10 U	0.318 J	0.378 J	0.42 J	0.42 J	0.027 J	0.104 J	0.11 J	0.11 J	10 U
	Sulfate	NA	250 (s)	--	--	28	28	27.2	--	52.3	51.8	50.2	--	34.4	31.9	32.7	--	27.2	28.3	27.8		26.8	27.2	27	26.3
Alkalinity (mg/L CaCO3)	Total Alkalinity	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Carbonate $CO3^{2-}$	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bicarbonate HCO^{3-}	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3-6. 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-10617			Well KAFB-10618	Well KAFB-10619			Well KAFB-10620			Well KAFB-10621			Well KAFB-10622		Well KAFB-10623		Well KAFB-10624
				01/23/09	04/23/09	07/29/09	02/10/09	01/23/09	04/22/09	07/29/09	01/22/09	04/24/09	07/28/09	06/11/09	08/04/09	08/04/09	06/19/09	08/05/09	06/27/09	08/04/09	08/11/09
				Q109	Q209	Q309	Q109	Q109	Q209	Q309	Q109	Q209	Q309	PostDevelop	Q309Dup	Q309	PostDevelop	Q309	PostDevelop	Q309	Q309
TPH (mg/L) Method 8015B	DRO	NA	NA	0.28 U	0.059 J	0.13 J	16.7 J	0.10 J	0.26 U	0.13 J	0.26 U	0.26 U	0.076 J	0.42	0.39 U	0.46 U	0.34	0.2 J	0.24 F	0.26 U	0.3 J
	MRO	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	GRO	NA	NA	0.19	0.064 U	0.1	18	0.3	0.14	0.42	0.98	1.2 J	0.78	0.086	0.064 U	0.064 U	0.06 F	0.065	0.044 F	0.064 U	0.084
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	1,1,1,2-Tetrachloroethane	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U
	1,1,1-Trichloroethane	NA	60 *	1 U	1 U	1 U	10 U	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 U	1 U
	1,1,2,2-Tetrachloroethane	NA	10 *	1 U	1 U	1 U	10 U	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 U	1 U
	1,1,2-Trichloroethane	NA	5.0	1 U	1 U	1 U	10 U	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 U	1 U
	1,1-Dichloroethane	NA	25 *	1 U	1 U	1 U	10 U	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 U	1 U
	1,1-Dichloroethene	NA	5.0 *	1 U	1 U	1 U	10 U	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 U	1 U
	1,1-Dichloropropene	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U
	1,2,3-Trichlorobenzene	NA	NA	1.2 U	1.2 U	1.2 U	12.2 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 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
	1,2,3-Trichloropropane	NA	NA	1.5 U	1.5 U	1.5 U	15.2 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	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
	1,2,4-Trichlorobenzene	NA	70	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,4-Trimethylbenzene	NA	NA	1 U	1 U	1 U	200	1 U	1 U	4.2	1 U	1 U	2.1	1 U	1.9	1.8	0.45 F	1 U	1 U	1 U	1 U
	1,2-Dibromo-3-chloropropane	NA	0.2	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	1,2-Dibromoethane (EDB) [d]	NA	0.05	3.6	**2.9 J**	**2.8 J**	160	1 U	**0.6**	**0.53**	0.03 U	0.02 U	0.02 U	**0.45**	**0.49**	**0.49**	**0.89 J**	**0.79**	0.01 U	0.02 U	0.02 U
	1,2-Dichlorobenzene	NA	600	1 U	1 U	1 U	10 U	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 U	1 U
	1,2-Dichloroethane (EDC)	NA	5.0	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.46 J	0.56 J	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	5.0	1 U	1 U	1 U	10 U	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 U	1 U
	1,3,5-Trimethylbenzene	NA	NA	1 U	1 U	1 U	72	1 U	1 U	1.1	0.29 J	0.28 J	1 U	2.4	3.4	3.4	0.32 F	1 U	1 U	1 U	1 U
	1,3-Dichlorobenzene	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U
	1,3-Dichloropropane	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U
	1,4-Dichlorobenzene	NA	75	1 U	1 U	1 U	10 U	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 U	1 U
	1-Methylnaphthalene	NA	30* [g]	0.058 J	1 U	1 U	9.9	0.094 J	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 U
	2,2-Dichloropropane	NA	NA	5 U	5 U	5 U	50 U	5 U	5 U	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	NA	6 U	1 U	1 U	760	6 U	1 U	1 U	6 U	1 U	1 U	1 U	1 U	1 U	6 U	1 U	6 U	1 U	1 U
	2-Chlorotoluene	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U
	2-Hexanone	NA	NA	5 U	5 U	5 U	50 U	5 U	5 U	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	NA	1 U	1 U	1 U	10 U	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 U	1 U
	4-Isopropyltoluene	NA	NA	1 U	1 U	1 U	4.9 J	1 U	1 U	0.39 J	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	NA	5 U	5 U	5 U	200	5 U	5 U	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	NA	10 U	10 U	10 U	840	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	11.4
	Benzene	NA	5.0	11	1.3	0.32 J	7700	0.35 J	1 U	0.45 J	0.66 J	1.1	0.96 J	1	0.24 J	0.26 J	1 U	1 U	1 U	1 U	1.3
	Bromobenzene	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U
	Bromochloromethane	NA	NA	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	0.16 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Bromodichloromethane	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U
	Bromoform	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U
	Bromomethane	NA	NA	2 U	2 U	2 U	20 U	2 U	2 U	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	NA	2 U	2 U	2 U	20 U	2 U	2 U	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	NA	5.0	1 U	1 U	1 U	10 U	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 U	1 U
	Chlorobenzene	NA	100	1 U	1 U	1 U	10 U	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 U	1 U
	Chloroethane	NA	NA	2 U	2 U	2 U	20 U	2 U	2 U	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	NA	100 *	1 U	1 U	1 U	10 U	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 U	1 U
	Chloromethane	NA	NA	2 U	2 U	2 U	20 U	2 U	2 U	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	70	1 U	1 U	1 U	10 U	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 U	1 U
	cis-1,3-Dichloropropene	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U
	Dibromochloromethane	NA	NA	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	0.36 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromomethane	NA	NA	1.1 U	1.1 U	1.1 U	10.6 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	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
	Dichlorodifluoromethane	NA	NA	2 U	2 U	2 U	20 U	2 U	2 U	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	NA	700	1 U	1 U	1 U	280	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 U	1 U
	Hexachlorobutadiene	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U

Table 3-6. 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-10617			Well KAFB-10618	Well KAFB-10619			Well KAFB-10620			Well KAFB-10621			Well KAFB-10622		Well KAFB-10623		Well KAFB-10624
				01/23/09	04/23/09	07/29/09	02/10/09	01/23/09	04/22/09	07/29/09	01/22/09	04/24/09	07/28/09	06/11/09	08/04/09	08/04/09	06/19/09	08/05/09	06/27/09	08/04/09	08/11/09
				Q109	Q209	Q309	Q109	Q109	Q209	Q309	Q109	Q209	Q309	PostDevelop	Q309Dup	Q309	PostDevelop	Q309	PostDevelop	Q309	Q309
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	Isopropylbenzene	NA	NA	1 U	1 U	1 U	22	1 U	0.51 J	5.1 J	1.9	4.4	4 J	1.2	1.2	1.2	0.64 F	1 U	1 U	1 U	1 U
	Methyl tert-butyl ether (MTBE)	NA	NA	5 U	5 U	5 U	50 U	5 U	5 U	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	NA	5.0	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Naphthalene	NA	30* [g]	1 U	1 U	1 U	46 J	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 U	1 U
	n-Butylbenzene	NA	NA	1 U	1 U	1 U	4.1 J	1 U	1 U	0.48 J	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	NA	1 U	1 U	1 U	14	1 U	1 U	0.64 J	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	NA	1 U	1 U	1 U	3.4 J	1 U	1 U	1	1 U	0.64 J	0.54 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	Styrene	NA	100	1 U	1 U	1 U	10 U	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 U	1 U
	tert-Butylbenzene	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U
	Tetrachloroethene	NA	5.0	1 U	1 U	1 U	10 U	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 U	1 U
	Toluene	NA	750 *	66.6	9.3	48.7	470	114	42.7	14	68.3	9.7	31.1	37.9	23.7 U	25.1	25.8	30.1	20.9	1 U	39
	trans-1,2-DCE	NA	100	1 U	1 U	1 U	10 U	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 U	1 U
	trans-1,3-Dichloropropene	NA	NA	1 U	1 U	1 U	10 U	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 U	1 U
	Trichloroethene	NA	5.0	1 U	1 U	1 U	10 U	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 U	1 U
	Trichlorofluoromethane	NA	NA	2 U	2 U	2 U	20 U	2 U	2 U	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	NA	1.0 *	1 U	1 U	1 U	10 U	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 U	1 U
	Xylenes, m-, p- (sum of isomers)	NA	NA	2 U	1 U	0.61 J	1400	0.65 J	0.7 J	7.5	0.4 J	0.64 J	1 U	8.1	2.5	2.5	2.3	1 U	1 U	1 U	1 U
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	2	1 U	1 U	520	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 U	1 U
	Xylenes, Total	NA	620 *	2 J	1 U	0.61 J	1900	0.65 J	0.7 J	7.5	0.4 J	1 U	1 U	8.1	2.5 J	2.5 J	2.3 F	1 U	1 U	1 U	1 U
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	1 U	1 U	1 U	10 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-Dichlorobenzene	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	1,3-Dichlorobenzene	NA	NA	1 U	1 U	1 U	10 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	NA	1 U	1 U	1 U	10 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-Dinitrobenzene	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	1-Methylnaphthalene	NA	30* [g]	0.058 J	1 U	1 U	9.9	0.094 J	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	--	1 U	1 U
	2,4,5-Trichlorophenol	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	2,4,6-Trichlorophenol	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	2,4-Dimethylphenol	NA	NA	14.5 U	10.5 U	10.5 U	10.8	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	2,4-Dinitrophenol	NA	NA	87 U	63.2 U	63.2 U	61.5 U	57.7 U	63.2 U	63.2 U	63.2 U	63.2 U	63.2 U	--	63.2 U	63.2 U	--	63.2 U	--	63.2 U	63.2 U
	2,4-Dinitrotoluene	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	2,6-Dinitrotoluene	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	2-Chloronaphthalene	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	2-Chlorophenol	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	2-Methylnaphthalene	NA	30* [g]	14.5 U	10.5 U	10.5 U	5.6 J	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	2-Methylphenol	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	5.2 J	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	2-Nitroaniline	NA	NA	72.5 U	52.6 U	52.6 U	51.3 U	48.1 U	52.6 U	52.6 U	52.6 U	52.6 U	52.6 U	--	52.6 U	52.6 U	--	52.6 U	--	52.6 U	52.6 U
	2-Nitrophenol	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	3,3´-Dichlorobenzidine	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	3-Nitroaniline	NA	NA	72.5 U	52.6 U	52.6 U	51.3 U	48.1 U	52.6 U	52.6 U	52.6 U	52.6 U	52.6 U	--	52.6 U	52.6 U	--	52.6 U	--	52.6 U	52.6 U
	4,6-Dinitro-2-methylphenol	NA	NA	87 U	63.2 U	63.2 U	61.5 U	57.7 U	63.2 U	63.2 U	63.2 U	63.2 U	63.2 U	--	63.2 U	63.2 U	--	63.2 U	--	63.2 U	63.2 U
	4-Bromophenyl phenyl ether	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	4-Chloro-3-methylphenol	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	4-Chloroaniline	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	4-Chlorophenyl phenyl ether	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	4-Nitroaniline	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	4-Nitrophenol	NA	NA	72.5 U	52.6 U	52.6 U	51.3 U	48.1 U	52.6 U	52.6 U	52.6 U	52.6 U	52.6 U	--	52.6 U	52.6 U	--	52.6 U	--	52.6 U	52.6 U
	Benzidine	NA	NA	217 U	158 U	158 U	154 U	144 U	158 U	158 U	158 U	158 U	158 U	--	158 U	158 U	--	158 U	--	158 U	158 U
	Benzoic acid	NA	NA	87 U	63.2 U	63.2 U	61.5 U	57.7 U	63.2 U	63.2 U	63.2 U	63.2 U	63.2 U	--	63.2 U	63.2 U	--	63.2 U	--	63.2 U	63.2 U
	Bis(2-chloroethoxy)methane	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	Bis(2-chloroethyl)ether	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U

Table 3-6. 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-10617			Well KAFB-10618	Well KAFB-10619			Well KAFB-10620			Well KAFB-10621			Well KAFB-10622		Well KAFB-10623		Well KAFB-10624
				01/23/09	04/23/09	07/29/09	02/10/09	01/23/09	04/22/09	07/29/09	01/22/09	04/24/09	07/28/09	06/11/09	08/04/09	08/04/09	06/19/09	08/05/09	06/27/09	08/04/09	08/11/09
				Q109	Q209	Q309	Q109	Q109	Q209	Q309	Q109	Q209	Q309	PostDevelop	Q309Dup	Q309	PostDevelop	Q309	PostDevelop	Q309	Q309
SVOCs (ug/L) Method 8270	Bis(2-ethylhexyl)phthalate	NA	NA	14.5 U	10.5 U	10.8 J	10.2 U	5.1 J	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	Butyl benzyl phthalate	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	Dibenzofuran	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	Diethyl phthalate	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	Dimethyl phthalate	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	Di-n-butyl phthalate	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	Di-n-octyl phthalate	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	Hexachlorobenzene	NA	1.0	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	Hexachlorocyclopentadiene	NA	50	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	Hexachloroethane	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	Hexachlorobutadiene	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	Naphthalene	NA	30* [g]	14.5 U	10.5 U	10.5 U	22.9	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	Nitrobenzene	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	N-Nitrosodi-n-propylamine	NA	NA	29 U	21 U	21 U	20.5 U	19.2 U	21 U	21 U	21 U	21 U	21 U	--	21 U	21 U	--	21 U	--	21 U	21 U
	N-Nitrosodiphenylamine	NA	NA	14.5 U	10.5 U	10.5 U	10.2 U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
	Pentachlorophenol	NA	1.0	87 U	63.2 U	63.2 U	61.5 U	57.7 U	63.2 U	63.2 U	63.2 U	63.2 U	63.2 U	--	63.2 U	63.2 U	--	63.2 U	--	63.2 U	63.2 U
	Phenol	NA	5.0 *	14.5 U	10.5 U	10.5 U	10.5U	9.6 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	--	10.5 U	10.5 U	--	10.5 U	--	10.5 U	10.5 U
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	0.058 J	1 U	1 U	9.9	0.094 J	0.14 J	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	--	1 U	1 U
	2-Methylnaphthalene	NA	30* [g]	1.1 U	1 U	1 U	14.5	1.1 U	0.1 J	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	--	1 U	1 U
	Acenaphthene	NA	NA	1.1 U	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	--	1 U	0.15 J
	Acenaphthylene	NA	NA	1.1 U	1 U	1 U	0.64 J	1.1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	--	1 U	1 U
	Anthracene	NA	NA	0.33 U	0.04 J	0.32 U	0.31 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	--	0.11 J	0.11 J	--	0.32 U	--	0.32 U	0.32 U
	Benz(a)anthracene	NA	NA	0.22 U	0.21 U	0.21 U	0.085 J	0.22 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	--	0.21 U	0.21 U	--	0.21 U	--	0.21 U	0.21 U
	Benzo(a)pyrene	NA	0.2	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U	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	NA	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	--	0.21 U	0.21 U	--	0.21 U	--	0.21 U	0.21 U
	Benzo(g,h,i)perylene	NA	NA	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U	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	NA	0.16 U	0.16 U	0.16 U	0.15 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	--	0.16 U	0.16 U	--	0.16 U	--	0.16 U	0.16 U
	Chrysene	NA	NA	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	--	0.21 U	0.21 U	--	0.21 U	--	0.21 U	0.21 U
	Dibenz(a,h)anthracene	NA	NA	0.33 U	0.32 U	7.9	0.31 U	0.32 U	0.32 U	0.32	0.32 U	0.32 U	1.7	--	0.32 U	0.32 U	--	0.32 U	--	0.32 U	0.32 U
	Fluoranthene	NA	NA	0.43 U	0.42 U	0.42 U	0.41 U	0.43 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	--	0.42 U	0.42 U	--	0.42 U	--	0.42 U	0.42 U
	Fluorene	NA	NA	0.33 U	0.32 U	0.32 U	0.31 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	--	0.32 U	0.32 U	--	0.32 U	--	0.32 U	0.32 U
	Indeno(1,2,3-cd)pyrene	NA	NA	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	--	0.21 U	0.21 U	--	0.21 U	--	0.21 U	0.21 U
	Naphthalene	NA	30* [g]	0.13 J	1 U	0.31 J	21.4	1.1 U	0.11 J	0.22 J	1 U	1 U	0.32 J	--	1 U	1 U	--	0.34 J	--	1 U	0.13 J
	Phenanthrene	NA	NA	0.33 U	0.24 J	1 U	1.6	0.32 U	1 U	1 U	0.32 U	1 U	1 U	--	1 U	1 U	--	1 U	--	1 U	1 U
	Pyrene	NA	NA	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	--	0.21 U	0.21 U	--	0.21 U	--	0.21 U	0.21 U
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	0.1 U	0.1 U	0.1 U	0.1 U	0.00736 J	0.1 U	0.1 U	0.00668 J	0.1 U	0.1 U	--	0.1 U	0.1 U	--	0.1 U	--	0.1 U	0.0597 J
	Manganese (dissolved)	NA	0.05 (s)	0.01 U	0.00078 J	0.00063J	0.641 J	0.0216	0.00147 J	0.0528	0.014 U	0.0118	0.00831 J	--	0.00352 J	0.0031 J	--	0.00232 J	--	0.0113	**0.294**
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	0.29 J	0.34 J	10 U	0.095 J	0.12 J	0.25 J	0.142 J	0.14 J	10 U	--	10 U	10 U	--	10 U	--	10 U	10 U
	Sulfate	NA	250 (s)	37	36.2	36.4	64.7	34.1	45.4	64.9	41.4	44.8	47.6	--	39	39.4	--	37.1	--	29	31.8
Alkalinity (mg/L CaCO3)	Total Alkalinity	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--
	Carbonate $CO3^{2-}$	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--
	Bicarbonate HCO^{3-}	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--

Table 3-6. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 10 of 12)

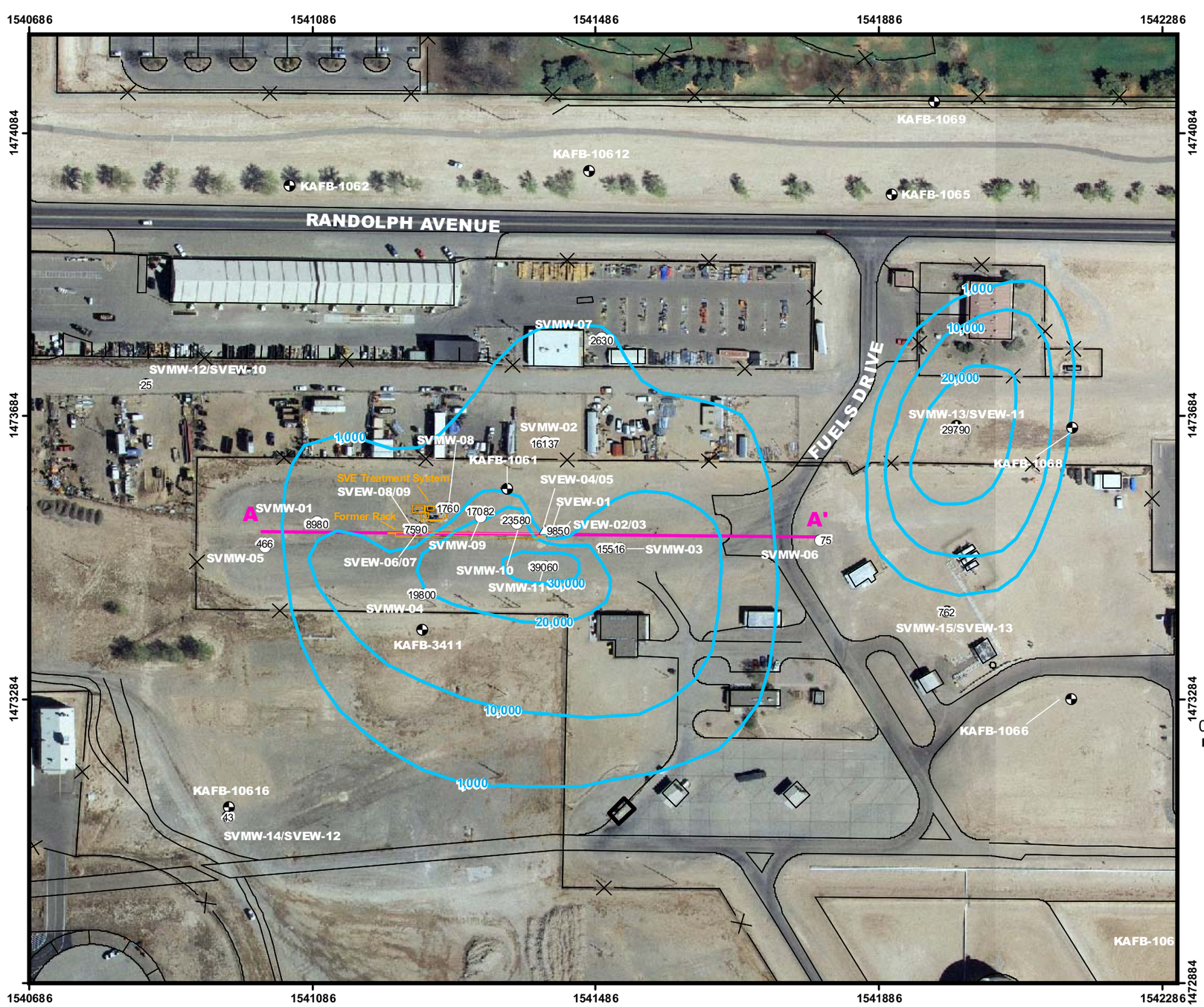
Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-3411							VA Hospital Production Well			KAFB-03				KAFB-15				KAFB-16			
				10/30/08	01/20/09	04/27/09	04/27/09	07/23/09	10/12/09	01/14/09	10/28/08	10/28/08	07/22/09	10/29/08	01/27/09	04/28/09	07/21/09	10/29/08	01/29/09	04/28/09	07/21/09	10/29/08	01/29/09	04/28/09	07/21/09
				Q408	Q109	Q209Dup	Q209	Q309	Q409	Q110	Q408	Q408-DUP	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309
TPH (mg/L) Method 8015B	DRO	NA	NA	< 0.25	0.26 U	0.27 U	0.070 J	0.099 J	0.26 U	0.074 J	0.25 U	0.25 U	0.25 U	0.25 U	0.17 J	0.26 U	0.26 U	0.25 U	0.12 J	0.26 U	0.26 U	0.25 U	0.11 J	0.26	0.26 U
	MRO	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	GRO	NA	NA	0.27	0.35	0.40 J	0.38 J	0.047 J	0.012 J	0.064 U	0.012 U	0.06 U	0.064 U	0.09 U	0.06 U	0.064 U	0.064 U	0.025 U	0.06 U	0.064 U	0.064 U	0.08 U	0.06 U	0.064 U	0.064 U
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	1,1,1,2-Tetrachloroethane	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,1-Trichloroethane	NA	60 *	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2,2-Tetrachloroethane	NA	10 *	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,1,2-Trichloroethane	NA	5.0	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethane	NA	25 *	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloroethene	NA	5.0 *	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,1-Dichloropropene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,3-Trichlorobenzene	NA	NA	< 6.7	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1 U	1 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1 U	1.2 UJ	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U
	1,2,3-Trichloropropane	NA	NA	< 6.7	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1 U	1 U	1.5 U	1 U	1.5 U	1.5 U	1.5 U	1 U	1.5 UJ	1.5 U	1.5 U	1 U	1.5 U	1.5 U	1.5 U
	1,2,4-Trichlorobenzene	NA	70	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,2,4-Trimethylbenzene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dibromo-3-chloropropane	NA	0.2	< 33	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
	1,2-Dibromoethane (EDB) [d]	NA	0.05	< 6.7	1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1 U	1 U	0.02 U	1 U	1 U	0.01 U	0.01 U	1 U	1 UJ	0.02 U	0.01 U	1 U	1 U	0.02 U	0.01 U
	1,2-Dichlorobenzene	NA	600	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloroethane (EDC)	NA	5.0	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	NA	5.0	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,3,5-Trimethylbenzene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichlorobenzene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,3-Dichloropropane	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	75	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	1-Methylnaphthalene	NA	30* [g]	--	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 U	--	1.1 U	1 U	1 U
	2,2-Dichloropropane	NA	NA	< 33	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
	2-Butanone (MEK)	NA	NA	< 40	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	1 U	6 U	6 U	6 U	6 U	6 U	6 UJ	6 U	6 U	6 U	6 U	6 U	6 U
	2-Chlorotoluene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	2-Hexanone	NA	NA	< 33	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
	4-Chlorotoluene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	4-Isopropyltoluene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	4-Methyl-2-pentanone	NA	NA	< 33	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
	Acetone	NA	NA	< 67	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Benzene	NA	5.0	< 6.7	0.2 J	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 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Bromobenzene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Bromochloromethane	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Bromodichloromethane	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Bromoform	NA	NA	< 6.7	1 U	1 U	1 U	1 U	1 U	1 U	0.49 J	0.5 J	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Bromomethane	NA	NA	< 13	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon disulfide	NA	NA	< 13	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
	Carbon tetrachloride	NA	5.0	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Chlorobenzene	NA	100	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Chloroethane	NA	NA	< 13	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
	Chloroform	NA	100 *	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Chloromethane	NA	NA	< 13	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
	cis-1,2-Dichloroethene	NA	70	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,3-Dichloropropene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromochloromethane	NA	NA	< 6.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.18 J	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Dibromomethane	NA	NA	< 6.7	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 UJ	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U
	Dichlorodifluoromethane	NA	NA	< 13	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
	Ethylbenzene	NA	700	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Hexachlorobutadiene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U

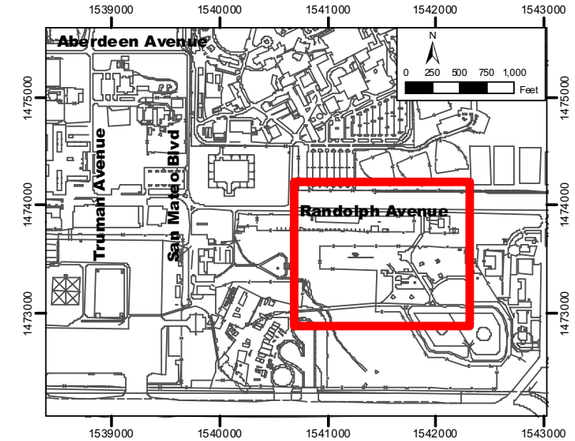
Table 3-6. Summary of Groundwater Analytical Results. Bulk Fuels Facility (Page 11 of 12)

Chemical Class & Analytical Method [a]	Analyte	NMED Approved Background [b]	EPA MCLs [c]	Well KAFB-3411							VA Hospital Production Well			KAFB-03				KAFB-15				KAFB-16			
				10/30/08	01/20/09	04/27/09	04/27/09	07/23/09	10/12/09	01/14/09	10/28/08	10/28/08	07/22/09	10/29/08	01/27/09	04/28/09	07/21/09	10/29/08	01/29/09	04/28/09	07/21/09	10/29/08	01/29/09	04/28/09	07/21/09
				Q408	Q109	Q209Dup	Q209	Q309	Q409	Q110	Q408	Q408-DUP	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309
VOCs (ug/L) Method 8260 (except EDB and DBCP by method 504.1)	Isopropylbenzene	NA	NA	< 6.7	1.6	1.7	1.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Methyl tert-butyl ether (MTBE)	NA	NA	< 33	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
	Methylene chloride	NA	5.0	< 4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.33 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
	Naphthalene	NA	30* [g]	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	n-Butylbenzene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	n-Propylbenzene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	sec-Butylbenzene	NA	NA	< 6.7	1 U	1 U	0.31 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Styrene	NA	100	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	tert-Butylbenzene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Tetrachloroethene	NA	5.0	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Toluene	NA	750 *	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	trans-1,2-DCE	NA	100	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	trans-1,3-Dichloropropene	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Trichloroethene	NA	5.0	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Trichlorofluoromethane	NA	NA	< 13	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
	Vinyl chloride	NA	1.0 *	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Xylenes, m-, p- (sum of isomers)	NA	NA	< 13	2 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	1 U	1 U	2 U	2 UJ	1 U	1 U	2 U	2 U	1 U	1 U
	Xylenes, o- (1,2-Dimethylbenzene)	NA	NA	< 6.7	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 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
	Xylenes, Total	NA	620 *	< 13	2 U	1 U	1 U	1 U	3 U	3 U	2 U	2 U	1 U	2 U	3 U	1 U	1 U	2 U	3 UJ	1 U	1 U	2 U	3 U	1 U	1 U
SVOCs (ug/L) Method 8270	1,2,4-Trichlorobenzene	NA	70	NS	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	1 U	--	1 UJ	1 U	1 U	--	1 U	1 U	1 U
	1,2-Dichlorobenzene	NA	NA	< 10	1 U	10.5 U	10.5 U	10.5 U	1 U	1 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4U	10.5 U	10.5 U
	1,3-Dichlorobenzene	NA	NA	NS	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	1 U	--	1 UJ	1 U	1 U	--	1 U	1 U	1 U
	1,4-Dichlorobenzene	NA	NA	NS	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	1 U	--	1 UJ	1 U	1 U	--	1 U	1 U	1 U
	1,3-Dinitrobenzene	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	1-Methylnaphthalene	NA	30* [g]	NS	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 U	--	1.1 U	1 U	1 U
	2,4,5-Trichlorophenol	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	2,4,6-Trichlorophenol	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	2,4-Dimethylphenol	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	2,4-Dinitrophenol	NA	NA	< 60	61.8 U	63.2 U	63.2 U	63.2 U	63.2 U	62.2 U	60 U	60 U	63.2 U	60 U	61.5 U	63.2 U	63.2 U	60 U	61.8 U	63.2 U	63.2 U	60 U	62.2 U	63.2 U	63.2 U
	2,4-Dinitrotoluene	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	2,6-Dinitrotoluene	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	2-Chloronaphthalene	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	2-Chlorophenol	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	2-Methylnaphthalene	NA	30* [g]	< 10	10.3 U	10.5 U	10.5 U	10.5 U	1 U	1 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	2-Methylphenol	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	2-Nitroaniline	NA	NA	< 50	51.5 U	52.6 U	52.6 U	52.6 U	52.6 U	51.8 U	50 U	50 U	52.6 U	50 U	51.3 U	52.6 U	52.6 U	50 U	51.5 U	52.6 U	52.6 U	50 U	51.8 U	52.6 U	52.6 U
	2-Nitrophenol	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	3,3´-Dichlorobenzidine	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	3-Nitroaniline	NA	NA	< 50	51.5 U	52.6 U	52.6 U	52.6 U	52.6 U	51.8 U	50 U	50 U	52.6 U	50 U	51.3 U	52.6 U	52.6 U	50 U	51.5 U	52.6 U	52.6 U	50 U	51.8 U	52.6 U	52.6 U
	4,6-Dinitro-2-methylphenol	NA	NA	< 60	61.8 U	63.2 U	63.2 U	63.2 U	63.2 U	62.2 U	60 U	60 U	63.2 U	60 U	61.5 U	63.2 U	63.2 U	60 U	61.8 U	63.2 U	63.2 U	60 U	62.2 U	63.2 U	63.2 U
	4-Bromophenyl phenyl ether	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	4-Chloro-3-methylphenol	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	4-Chloroaniline	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	4-Chlorophenyl phenyl ether	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	4-Nitroaniline	NA	NA	< 50	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	50 U	50 U	10.5 U	50 U	10.2 U	10.5 U	10.5 U	50 U	10.3 U	10.5 U	10.5 U	50 U	10.4 U	10.5 U	10.5 U
	4-Nitrophenol	NA	NA	< 50	51.5 UJ	52.6 U	52.6 U	52.6 U	52.6 U	51.8 U	50 U	50 U	52.6 U	50 U	51.3 U	52.6 U	52.6 U	50 U	51.5 U	52.6 U	52.6 U	50 U	51.8 U	52.6 U	52.6 U
	Benzidine	NA	NA	< 150	155 U	158 U	158 U	158 U	**R**	155 U	150 U	150 U	158 U	150 U	154 U	158 U	158 U	150 U	155 U	158 U	158 U	150 U	155 U	158 U	158 U
	Benzoic acid	NA	NA	< 60	61.8 U	63.2 U	63.2 U	63.2 U	63.2 U	63.2 U	60 U	60 U	63.2 U	60 U	61.5 U	63.2 U	63.2 U	60 U	61.8 U	63.2 U	63.2 U	60 U	62.2 U	63.2 U	63.2 U
	Bis(2-chloroethoxy)methane	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	Bis(2-chloroethyl)ether	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U

Table 3-6. 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]	Well KAFB-3411							VA Hospital Production Well			KAFB-03				KAFB-15				KAFB-16			
				10/30/08	01/20/09	04/27/09	04/27/09	07/23/09	10/12/09	01/14/09	10/28/08	10/28/08	07/22/09	10/29/08	01/27/09	04/28/09	07/21/09	10/29/08	01/29/09	04/28/09	07/21/09	10/29/08	01/29/09	04/28/09	07/21/09
				Q408	Q109	Q209Dup	Q209	Q309	Q409	Q110	Q408	Q408-DUP	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309	Q408	Q109	Q209	Q309
SVOCs (ug/L) Method 8270	Bis(2-ethylhexyl)phthalate	NA	NA	7.3 J	10.3 U	11.3	6.6 J	10.5 U	10.5 U	11.8 J	10 U	10 U	10.5 U	0.61 J	6.2 J	10.5 U	16.8	10 U	10.3 U	10.5 U	10.5 U	1.2 J	24.8	10.5 U	10.5 U
	Butyl benzyl phthalate	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	Dibenzofuran	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	Diethyl phthalate	NA	NA	< 20	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	20 U	20 U	10.5 U	20 U	10.2 U	10.5 U	10.5 U	20 U	10.3 U	10.5 U	10.5 U	20 U	10.4 U	10.5 U	10.5 U
	Dimethyl phthalate	NA	NA	< 20	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	20 U	20 U	10.5 U	20 U	10.2 U	10.5 U	10.5 U	20 U	10.3 U	10.5 U	10.5 U	20 U	10.4 U	10.5 U	10.5 U
	Di-n-butyl phthalate	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	Di-n-octyl phthalate	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	Hexachlorobenzene	NA	1.0	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	Hexachlorocyclopentadiene	NA	50	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	Hexachloroethane	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	Hexachlorobutadiene	NA	NA	< 10	10.3U	10.5 U	10.5 U	10.5 U	1 U	1 U	10 U	10 U	10.5 U	10 U	10.24U	10.5 U	10.5 U	10 U	10.34U	10.5 U	10.5 U	10 U	10.4U	10.5 U	10.5 U
	Naphthalene	NA	30* [g]	< 10	10.3U	10.5 U	10.5 U	10.5 U	1 U	1 U	10 U	10 U	10.5 U	10 U	10.2U	10.5 U	10.5 U	10 U	10.3U	10.5 U	10.5 U	10 U	10.4U	10.5 U	10.5 U
	Nitrobenzene	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	N-Nitrosodi-n-propylamine	NA	NA	< 20	20.6 U	21 U	21 U	21 U	21 U	20.7 U	20 U	20 U	21 U	20 U	20.5 U	21 U	21 U	20 U	20.6 U	21 U	21 U	20 U	20.7 U	21 U	21 U
	N-Nitrosodiphenylamine	NA	NA	< 10	10.3 U	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
	Pentachlorophenol	NA	1.0	< 60	61.8 U	63.2 U	63.2 U	63.2 U	63.2 U	62.2 U	60 U	60 U	63.2 U	60 U	61.5 U	63.2 U	63.2 U	60 U	61.8 U	63.2 U	63.2 U	60 U	62.2 U	63.2 U	63.2 U
	Phenol	NA	5.0 *	< 10	10.3 UJ	10.5 U	10.5 U	10.5 U	10.5 U	10.4 U	10 U	10 U	10.5 U	10 U	10.2 U	10.5 U	10.5 U	10 U	10.3 U	10.5 U	10.5 U	10 U	10.4 U	10.5 U	10.5 U
PAHs (ug/L) Method 8310	1-Methylnaphthalene	NA	30* [g]	< 1	1 U	0.046 J	0.044 J	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 U	1 U	1 U	1.1 U	1 U	1 U
	2-Methylnaphthalene	NA	30* [g]	< 1	1 U	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	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U
	Acenaphthene	NA	NA	< 1	1 U	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	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U
	Acenaphthylene	NA	NA	< 1	1 U	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	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U
	Anthracene	NA	NA	< 0.3	0.31 U	0.32 U	0.32 U	0.32 U	0.31 U	0.31 U	0.3 U	0.3 U	0.32 U	0.3 U	0.31 U	0.32 U	0.32 U	0.3 U	0.31 U	0.32 U	0.32 U	0.3 U	0.017 J	0.32 U	0.32 U
	Benz(a)anthracene	NA	NA	< 0.2	0.21 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U
	Benzo(a)pyrene	NA	0.2	< 0.2	0.21 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U
	Benzo(b)fluoranthene	NA	NA	< 0.2	0.21 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U
	Benzo(g,h,i)perylene	NA	NA	< 0.2	0.21 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U
	Benzo(k)fluoranthene	NA	NA	< 0.1	0.1 U	0.16 U	0.16 U	0.16 U	0.15 U	0.15 U	0.1 U	0.1 U	0.16 U	0.1 U	0.15 U	0.16 U	0.16 U	0.1 U	0.15 U	0.16 U	0.16 U	0.1 U	0.16 U	0.16 U	0.16 U
	Chrysene	NA	NA	< 0.2	0.21 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U
	Dibenz(a,h)anthracene	NA	NA	< 0.3	0.31 U	0.32 U	0.32 U	0.32 U	0.31 U	0.31 U	0.3 U	0.3 U	0.32 U	0.3 U	0.31 U	0.32 U	0.32 U	0.3 U	0.31 U	0.32 U	0.32 U	0.3 U	0.33 U	0.32 U	0.32 U
	Fluoranthene	NA	NA	< 0.4	0.41 U	0.42 U	0.42 U	0.42 U	0.41 U	0.41 U	0.4 U	0.4 U	0.42 U	0.4 U	0.41 U	0.42 U	0.42 U	0.4 U	0.41 U	0.42 U	0.42 U	0.4 U	0.44 U	0.42 U	0.42 U
	Fluorene	NA	NA	< 0.3	0.31 U	0.32 U	0.32 U	0.32 U	0.31 U	0.31 U	0.3 U	0.3 U	0.32 U	0.3 U	0.31 U	0.32 U	0.32 U	0.3 U	0.31 U	0.32 U	0.32 U	0.3 U	0.33 U	0.32 U	0.32 U
	Indeno(1,2,3-cd)pyrene	NA	NA	< 0.2	0.21 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U
	Naphthalene	NA	30* [g]	< 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	1 U	1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1 U
	Phenanthrene	NA	NA	< 0.3	0.31 U	0.32 U	0.32 U	0.32 U	0.31 U	0.31 U	0.3 U	0.3 U	1 U	0.3 U	0.31 U	0.32 U	0.32 U	0.3 U	0.31 U	0.32 U	0.32 U	0.3 U	0.33 U	0.32 U	0.32 U
	Pyrene	NA	NA	< 0.2	0.21 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.2 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.22 U	0.21 U	0.21 U
Metals (mg/L) Method 6010	Iron (dissolved)	NA	0.3 (s)	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	**0.715 J**	--	0.1 U	0.1 U	0.0139 J	--	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U
	Manganese (dissolved)	NA	0.05 (s)	--	**0.208**	**0.187**	**0.186**	0.0227	0.146	0.0569	--	--	0.000503 J	--	0.01 U	0.01 U	0.01 U	--	0.0256	0.0248	0.0218	--	0.00796 J	0.00781 J	0.00575 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	0.0327 J	0.027 J	10 U	0.21 J	0.098 J	0.0969 J	0.23 J	0.23 J	0.32 J	**0.57 J**	0.523 J	0.6 J	0.64 J	0.5 U	10 U	0.03 J	10 U	0.5 U	10 U	10 U	10 U
	Sulfate	NA	250 (s)	--	40.7	41.2	41.3	34.8	34.5	40.5	--	--	30.4	--	35.2	36.8	36.6	--	30.8	31.6	32.2	--	32.3	32.3	32.8
Alkalinity (mg/L CaCO3)	Total Alkalinity	NA	NA	--	--	--	--	--	--	144	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Carbonate $CO3^{2-}$	NA	NA	--	--	--	--	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Bicarbonate HCO^{3-}	NA	NA	--	--	--	--	--	--	144	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--





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'

0 150 300 450 Feet

N

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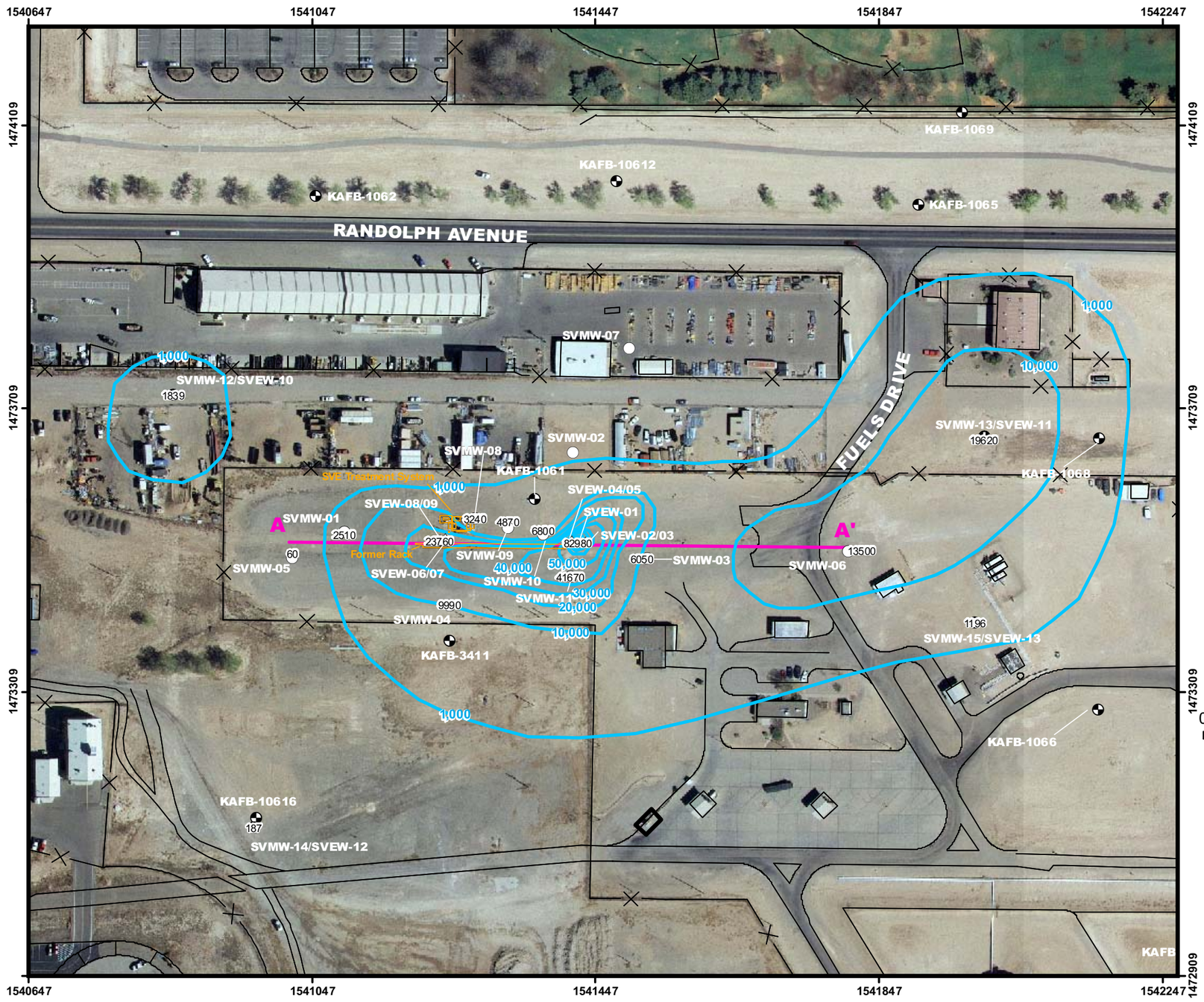
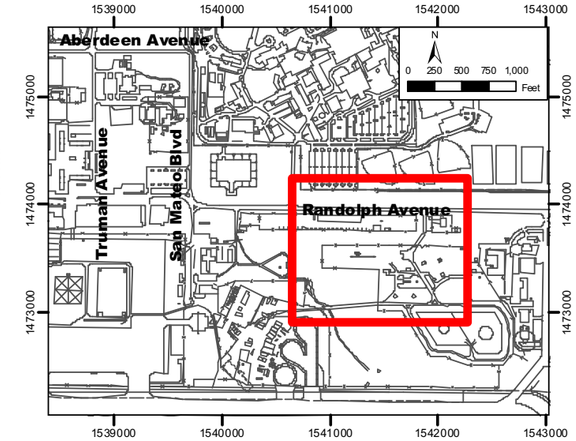
Figure 3-2

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

Revision Date: 5 May 2009





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'

0 150 300 450 Feet

N

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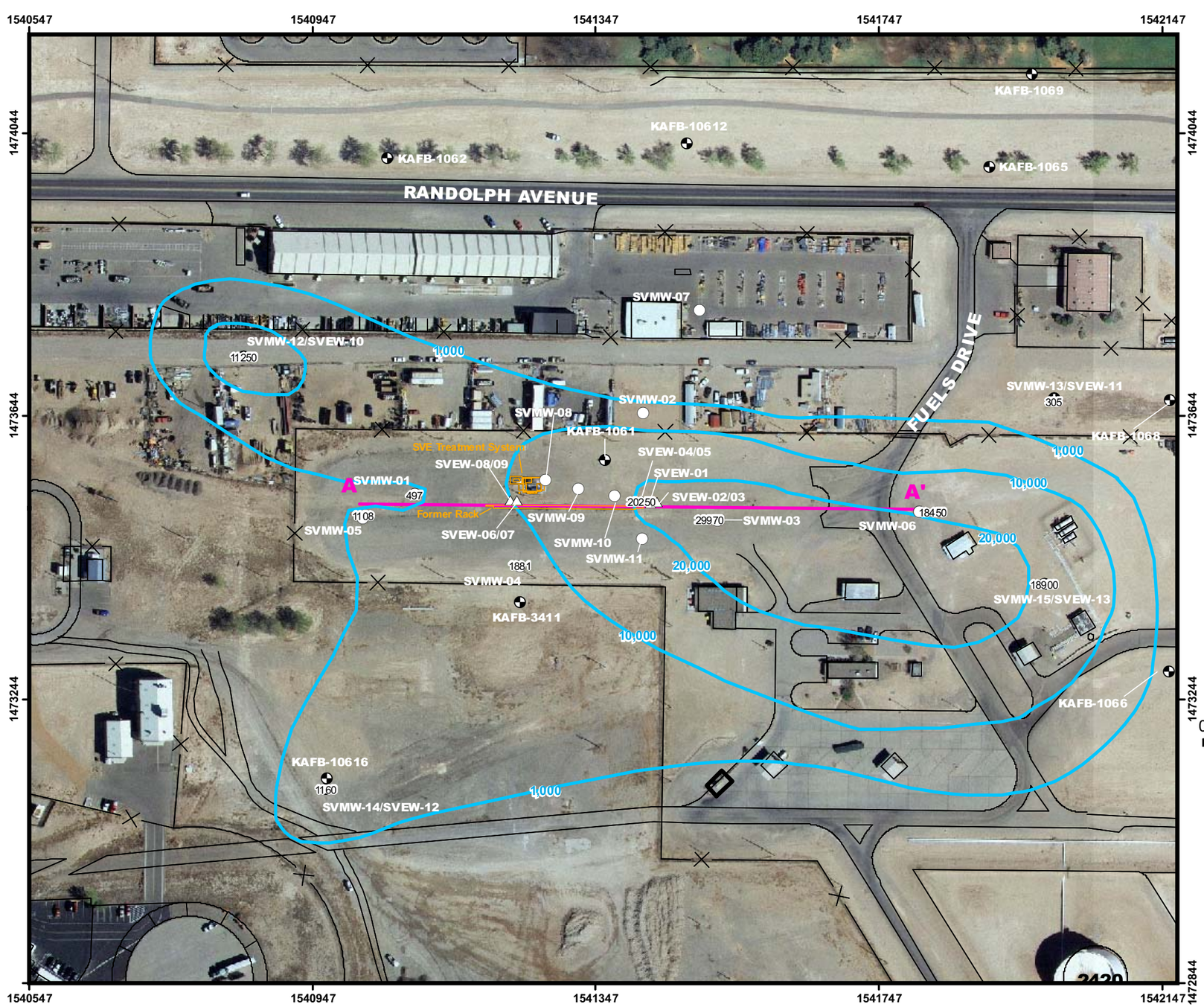
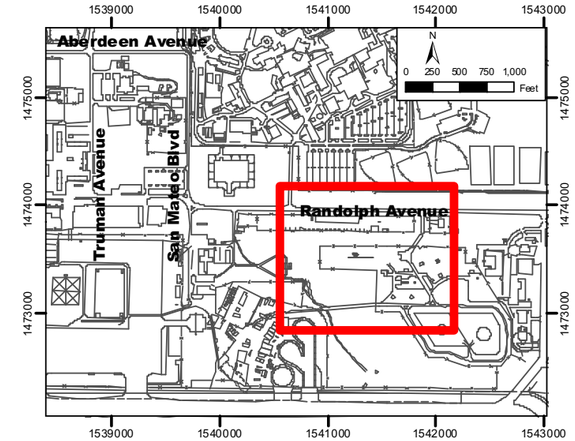
Figure 3-3

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

Revision Date: 5 May 2009





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'

0 150 300 450 Feet

N

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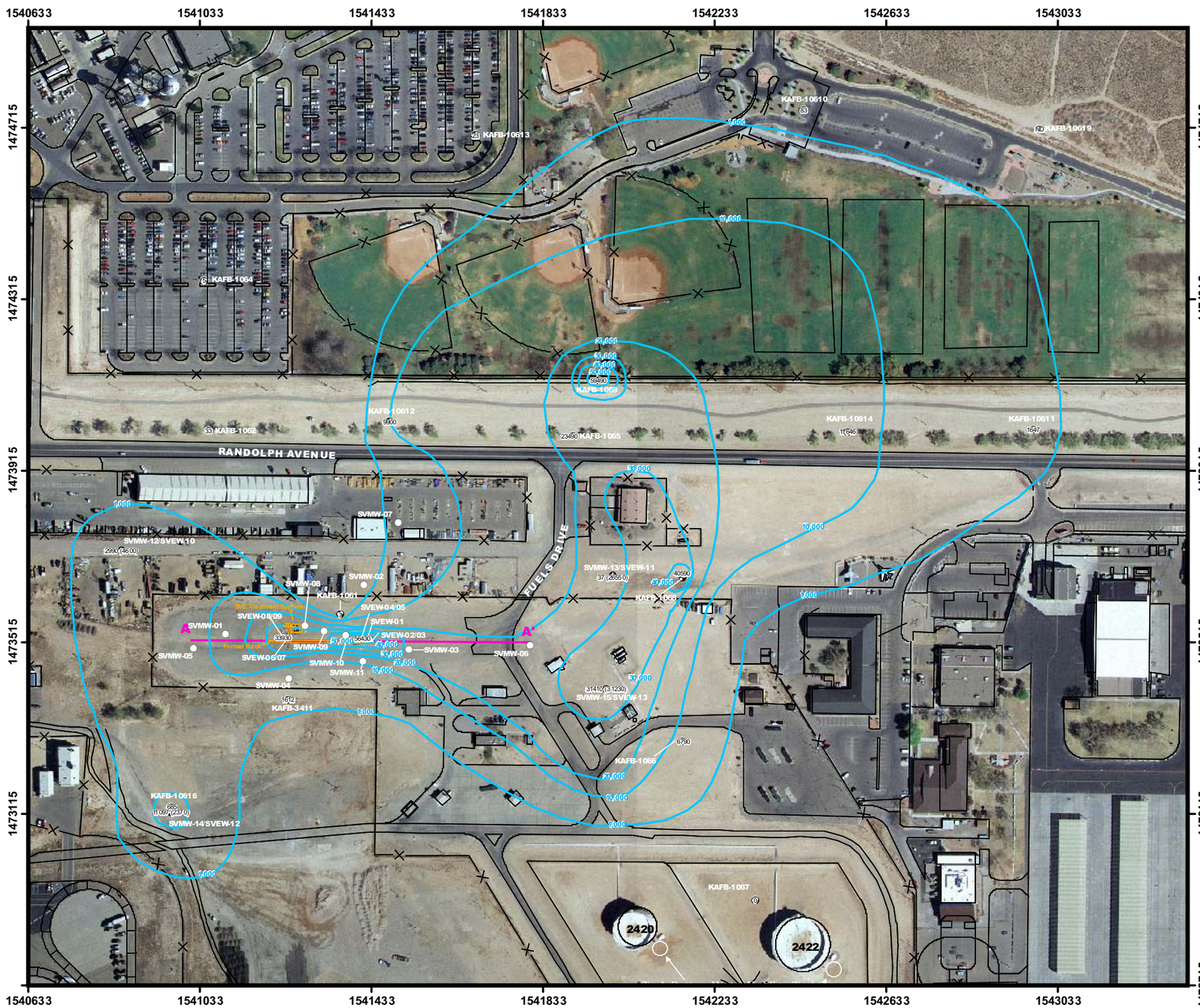
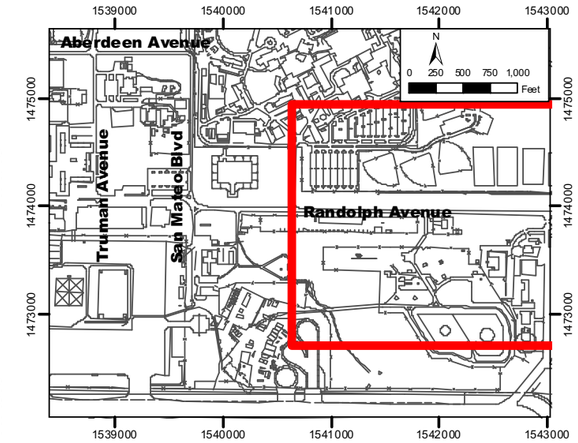
Figure 3-4

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-Oct 24-Dec 17, 2008

Revision Date: 5 May 2009





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

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Figure 3-5

Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-Oct 24-Dec 17, 2008

Revision Date: 5 May 2009

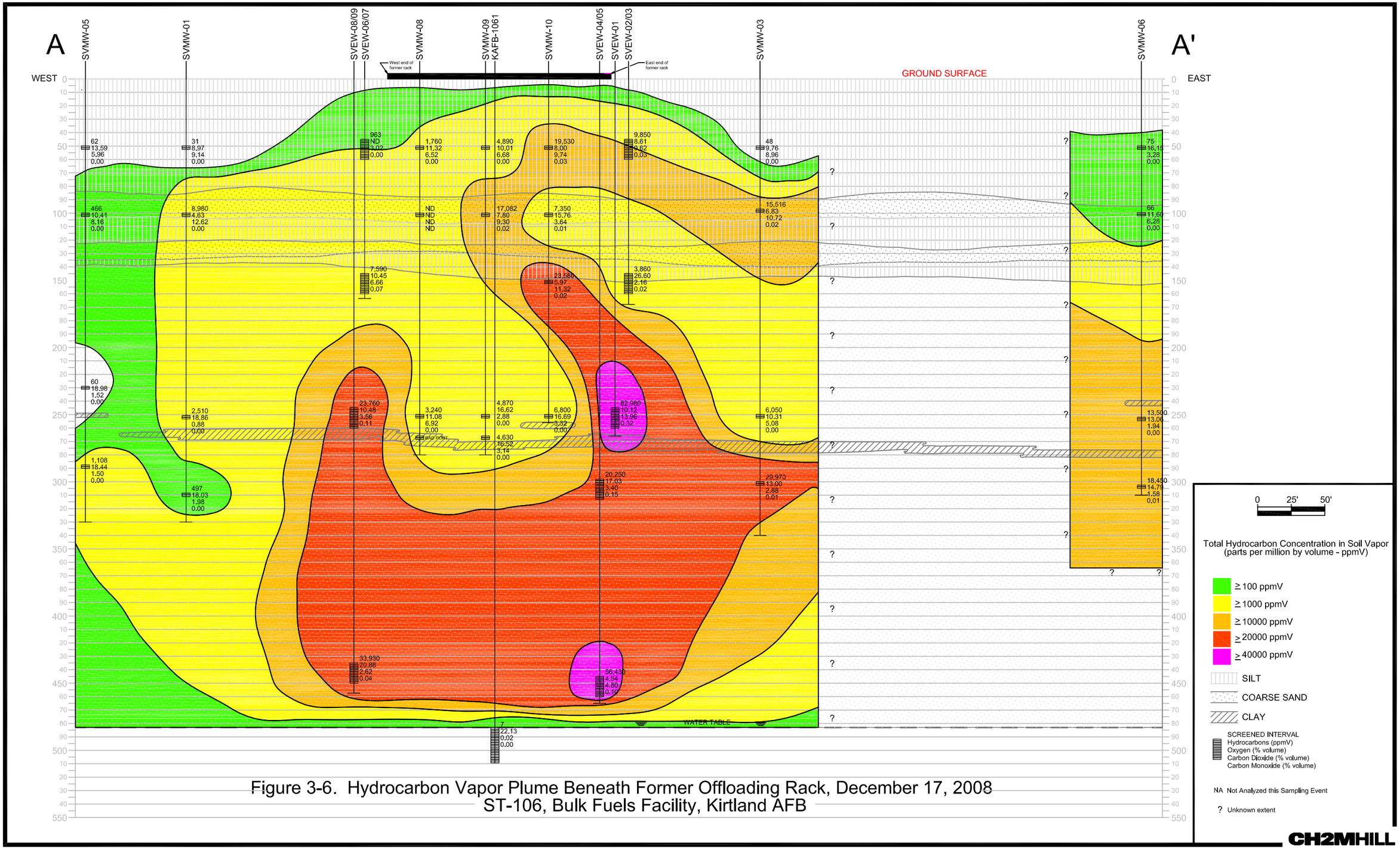
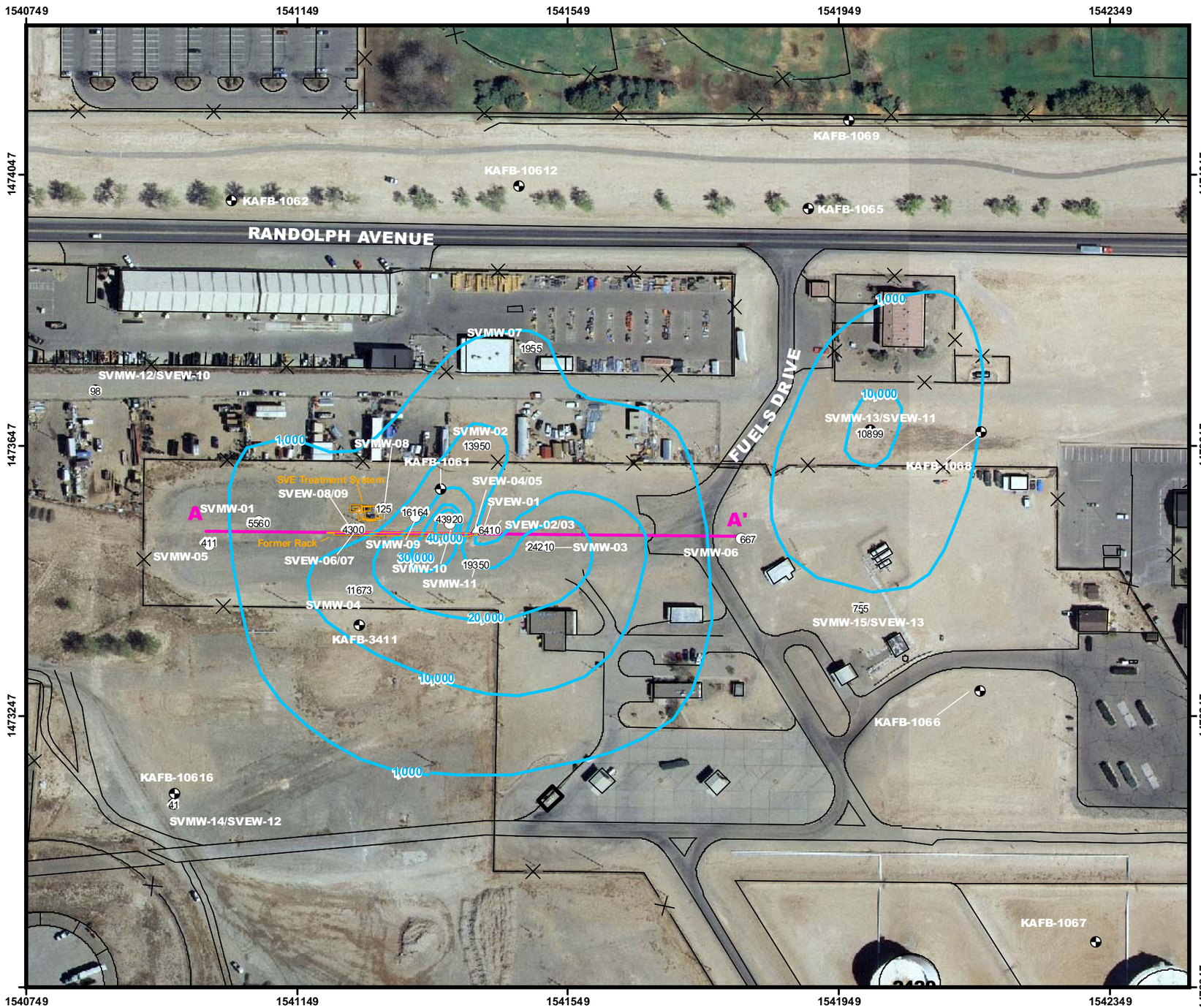
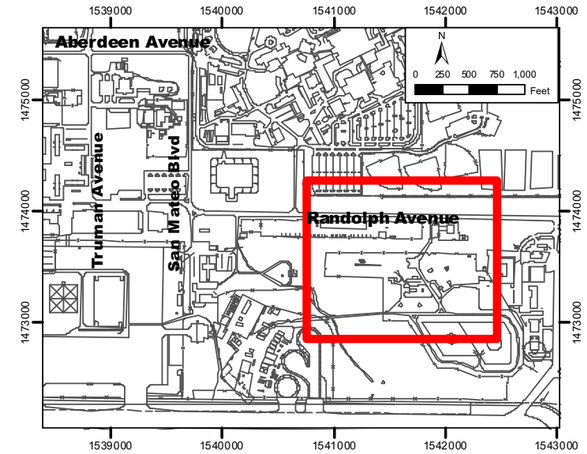


Figure 3-6. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, December 17, 2008
ST-106, Bulk Fuels Facility, Kirtland AFB





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)
- 45450 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

0 150 300 450 Feet

N

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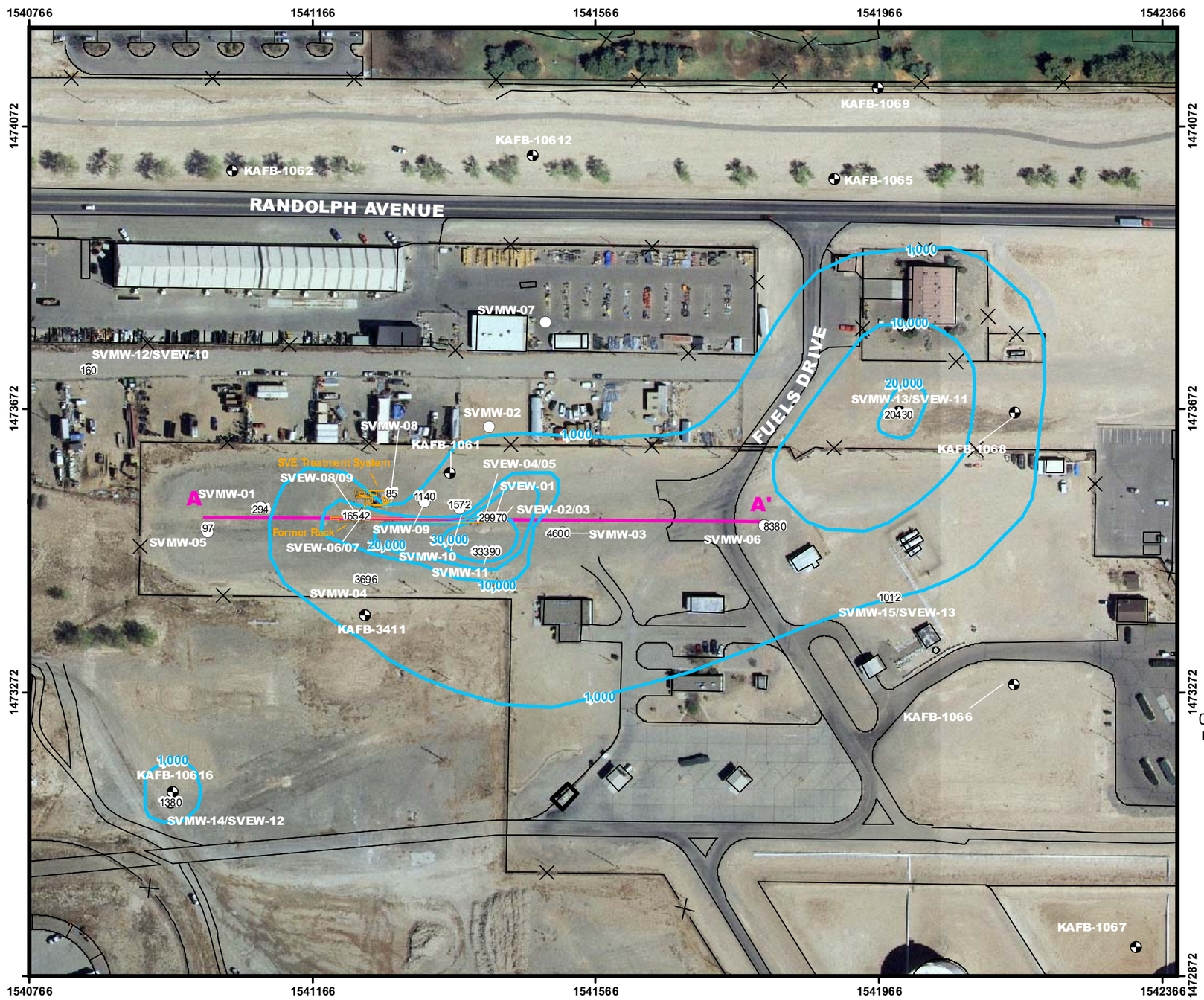
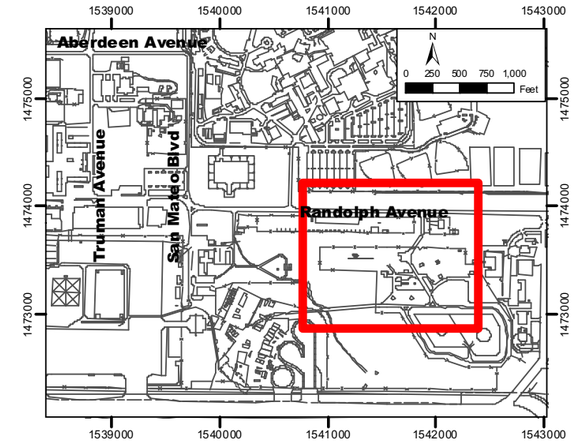
Figure 3-7

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

Revision Date: 5 May 2009





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'

0 150 300 450 Feet

N

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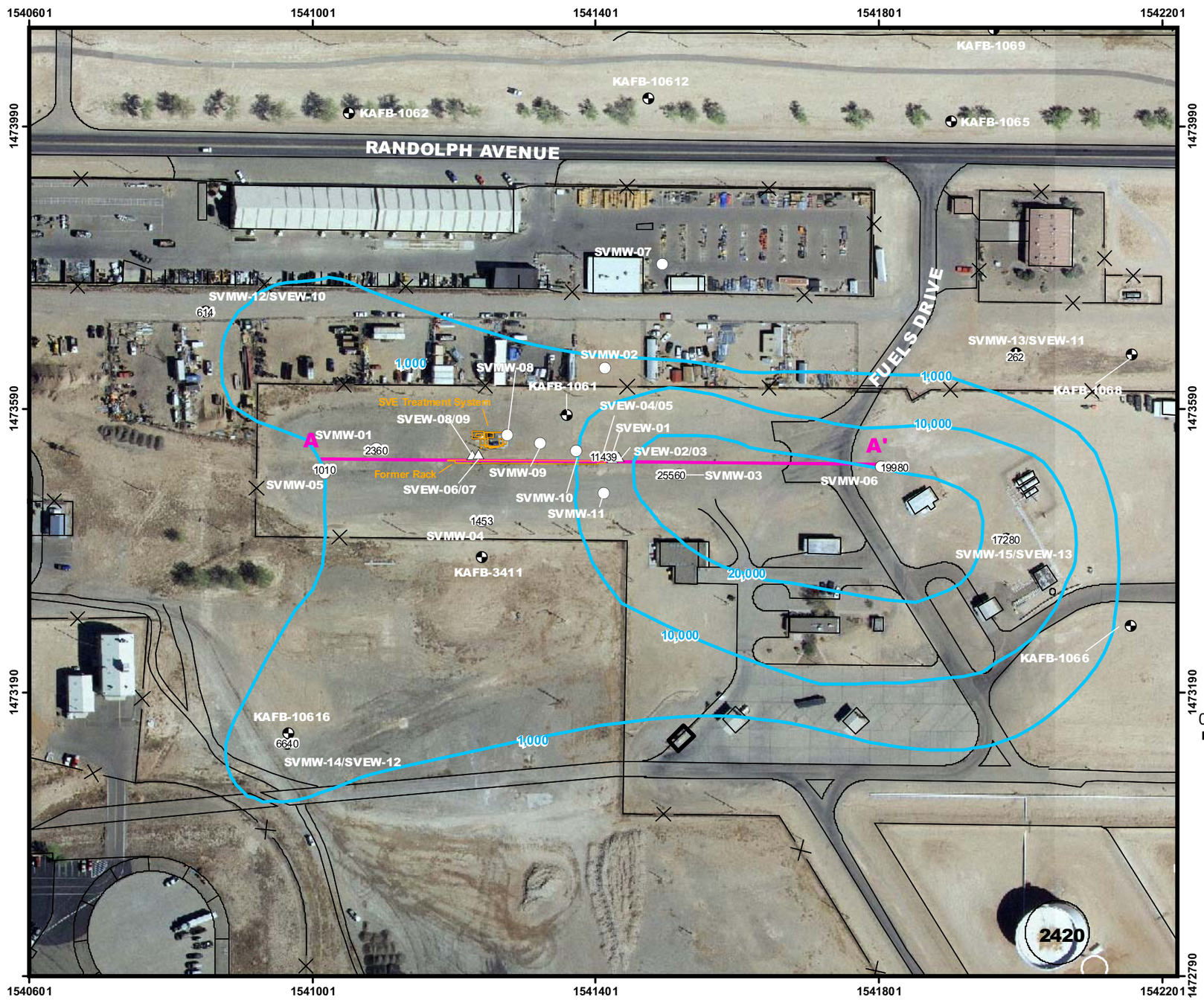
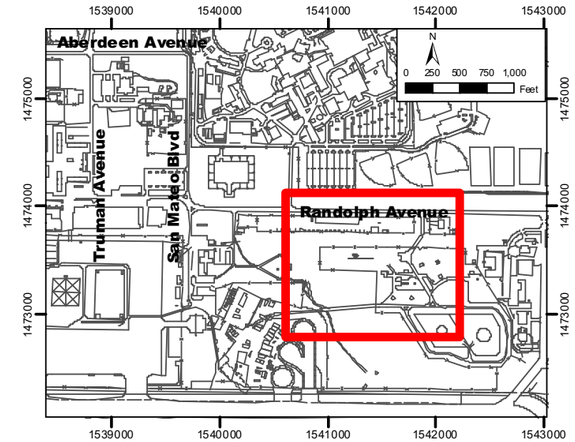
Figure 3-8

Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-Jan 29 -Feb 19, 2009

Revision Date: 5 May 2009





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'

0 150 300 450 Feet

N

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October 2008 through March 2009
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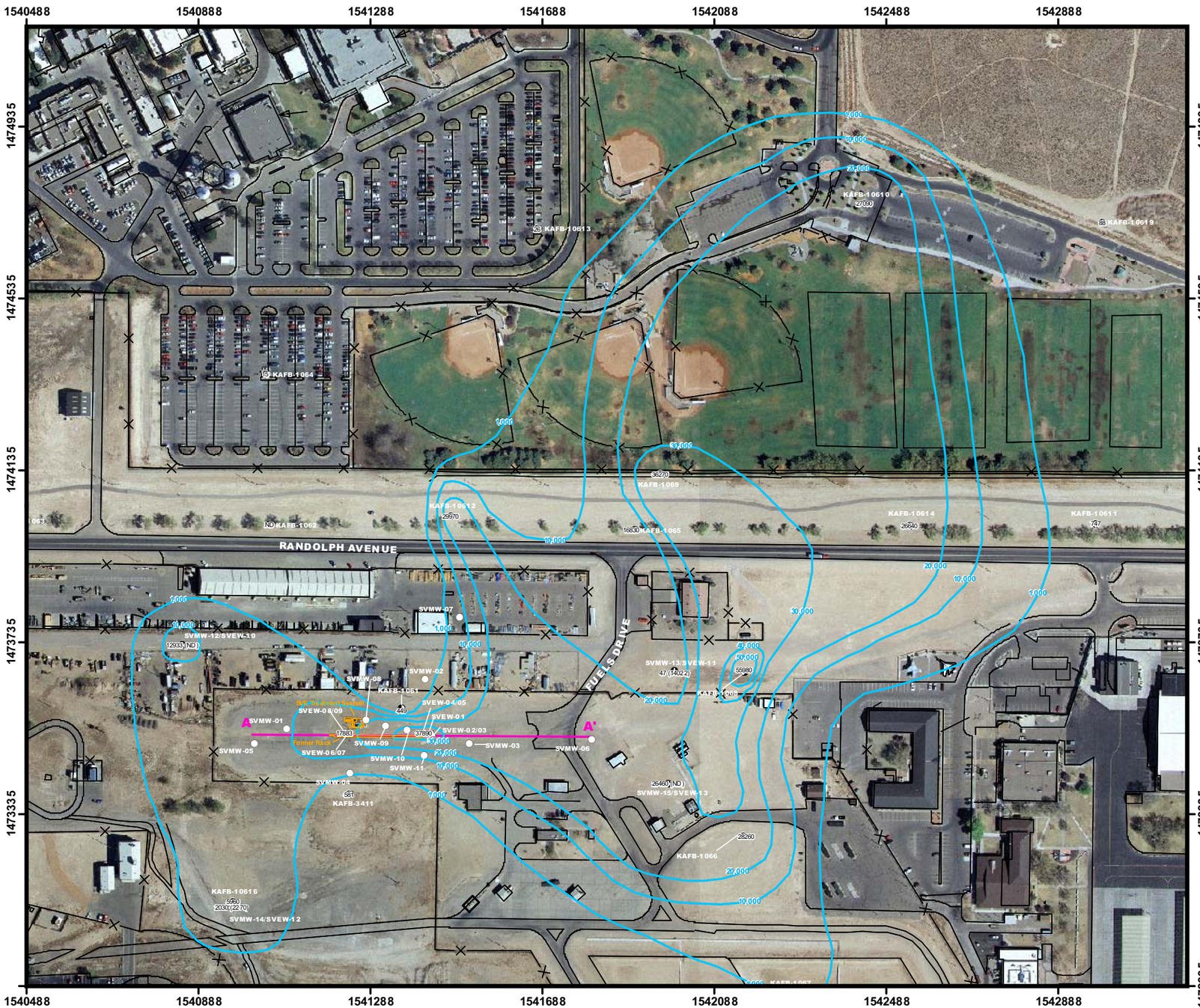
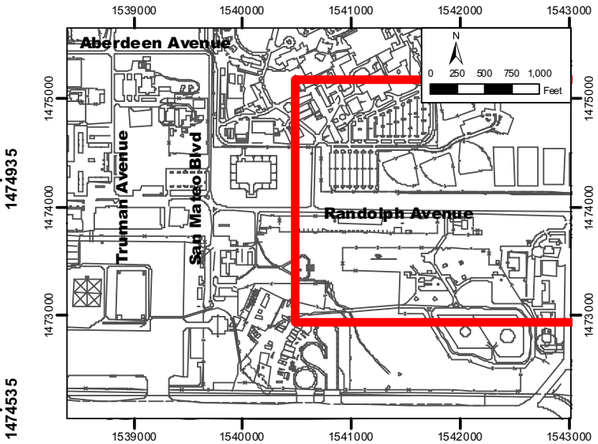
Figure 3-9

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-Jan 29-Feb 19, 2009

Revision Date: 5 May 2009





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'

N

0 200 400 600 Feet

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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

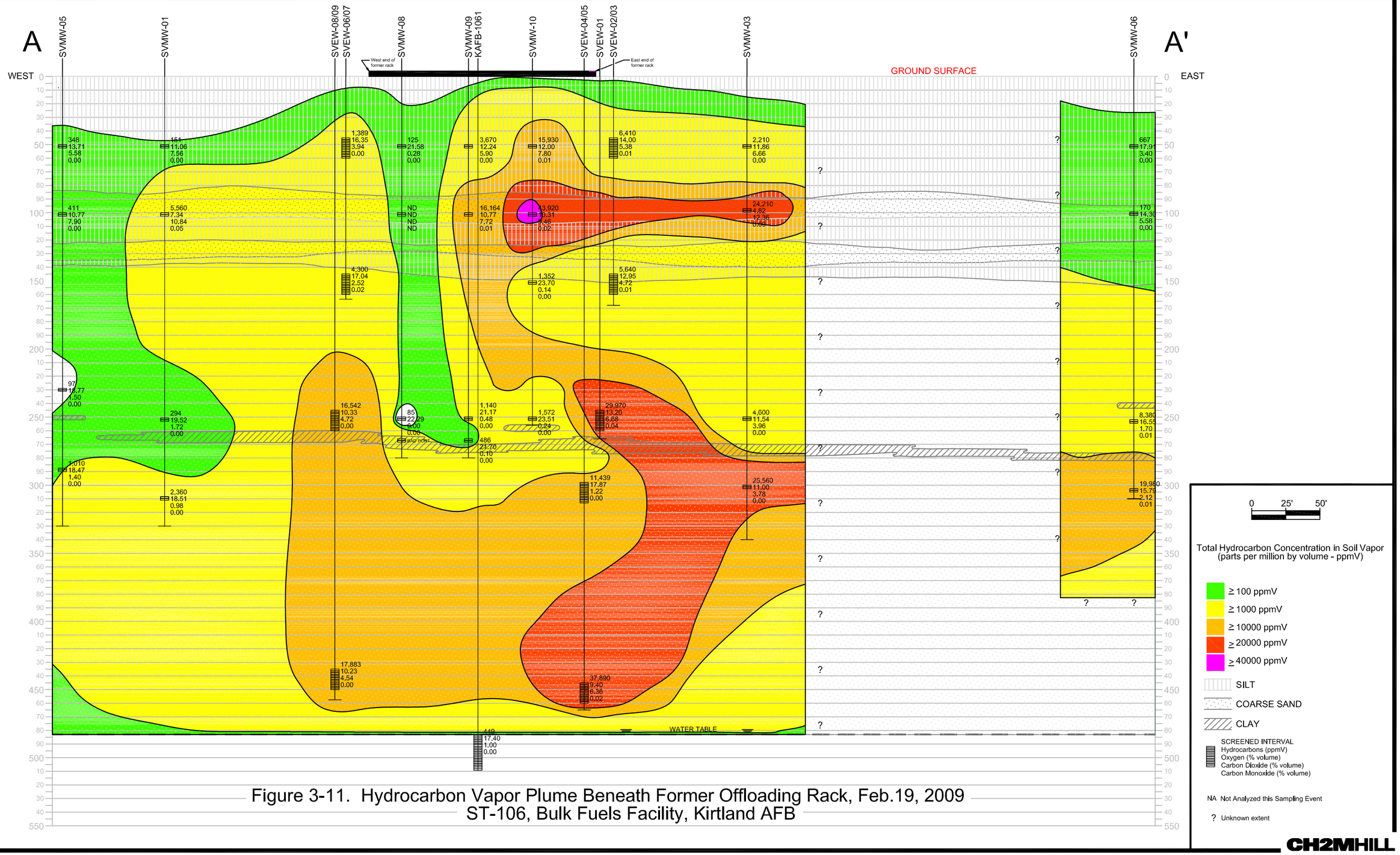
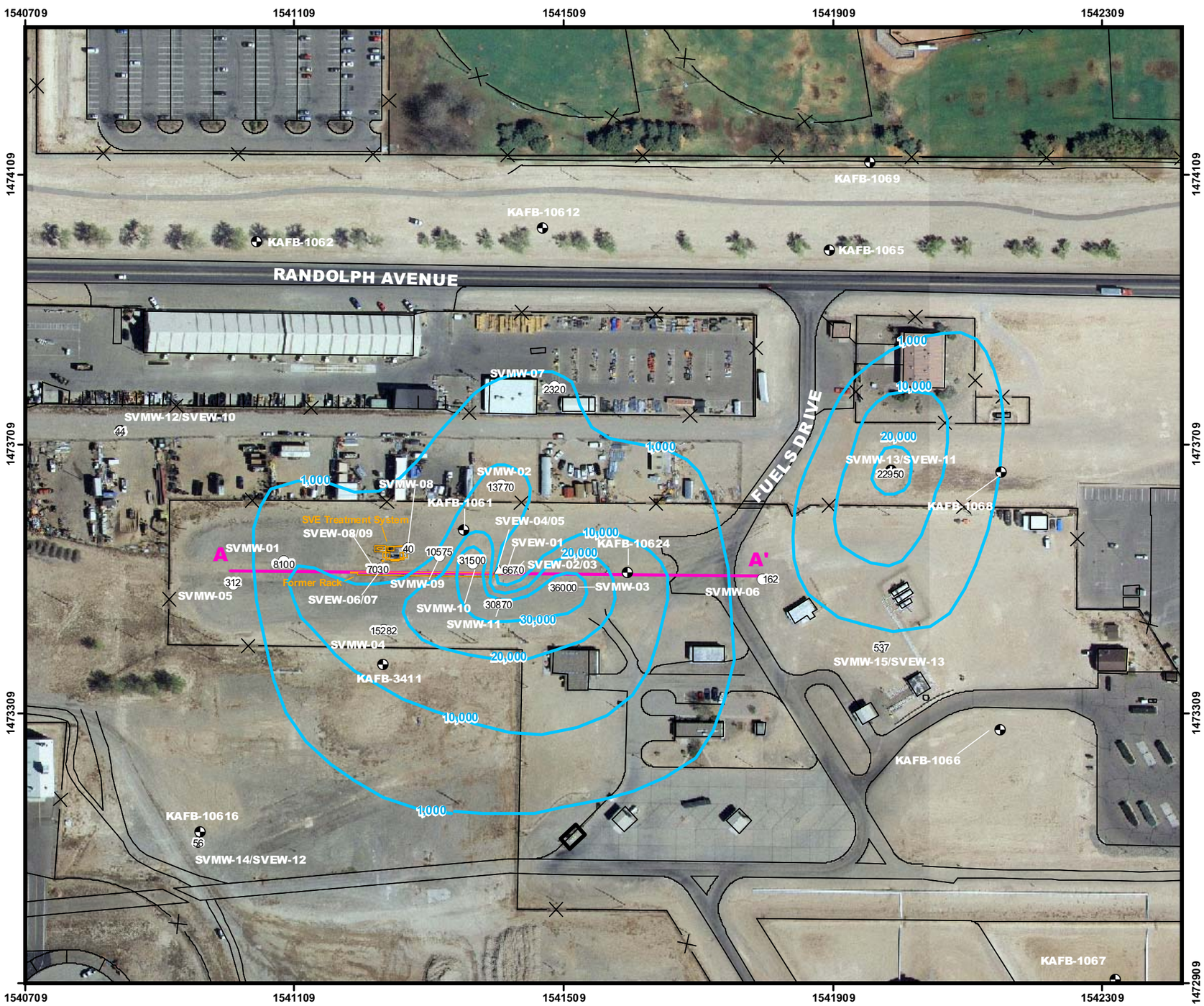
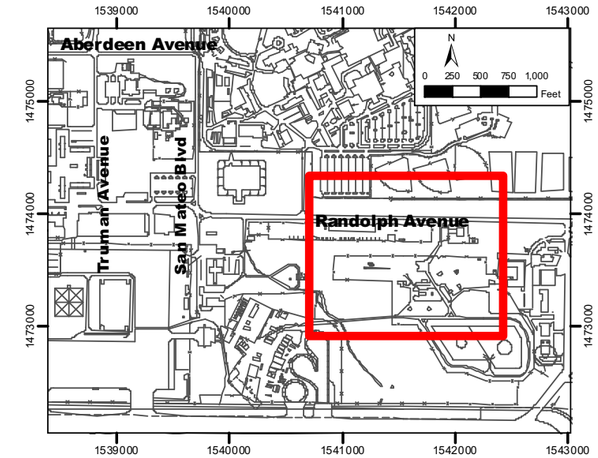


Figure 3-11. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, Feb.19, 2009
ST-106, Bulk Fuels Facility, Kirtland AFB





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)
- 45450 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

N

0 150 300 450 Feet

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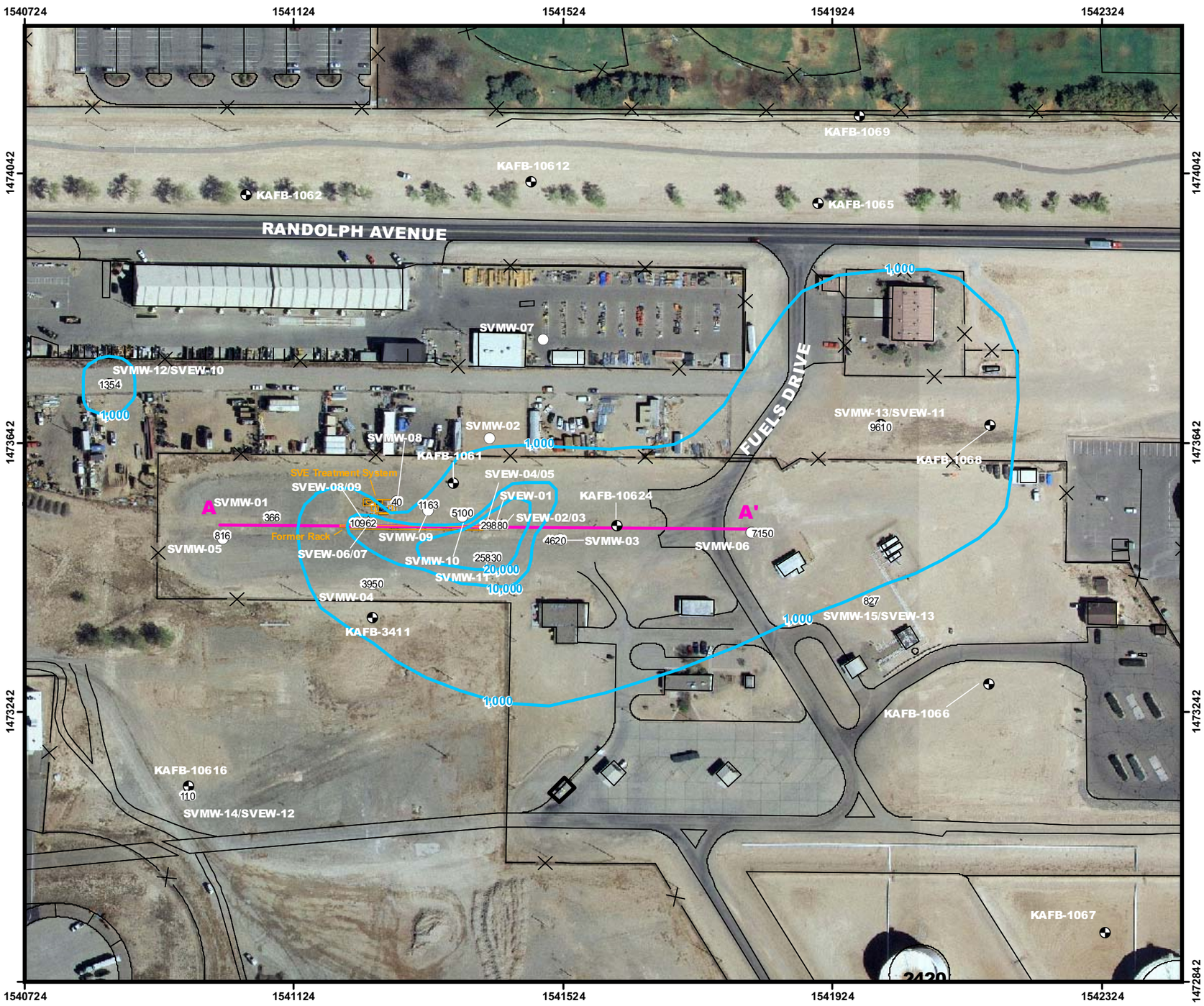
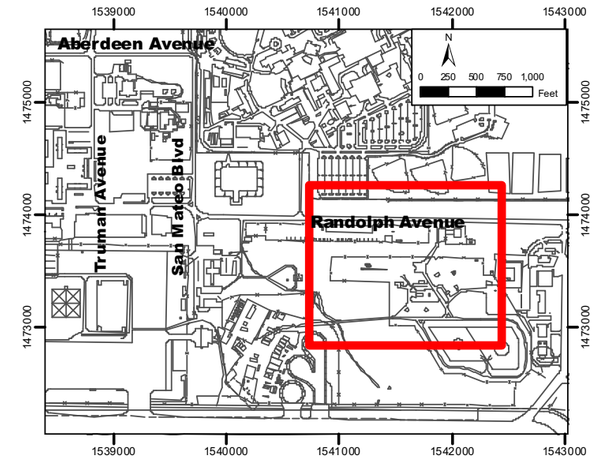
Figure 3-2

Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-May 11-15, 2009

Revision Date: 01 September 2009





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'

N

0 150 300 450 Feet

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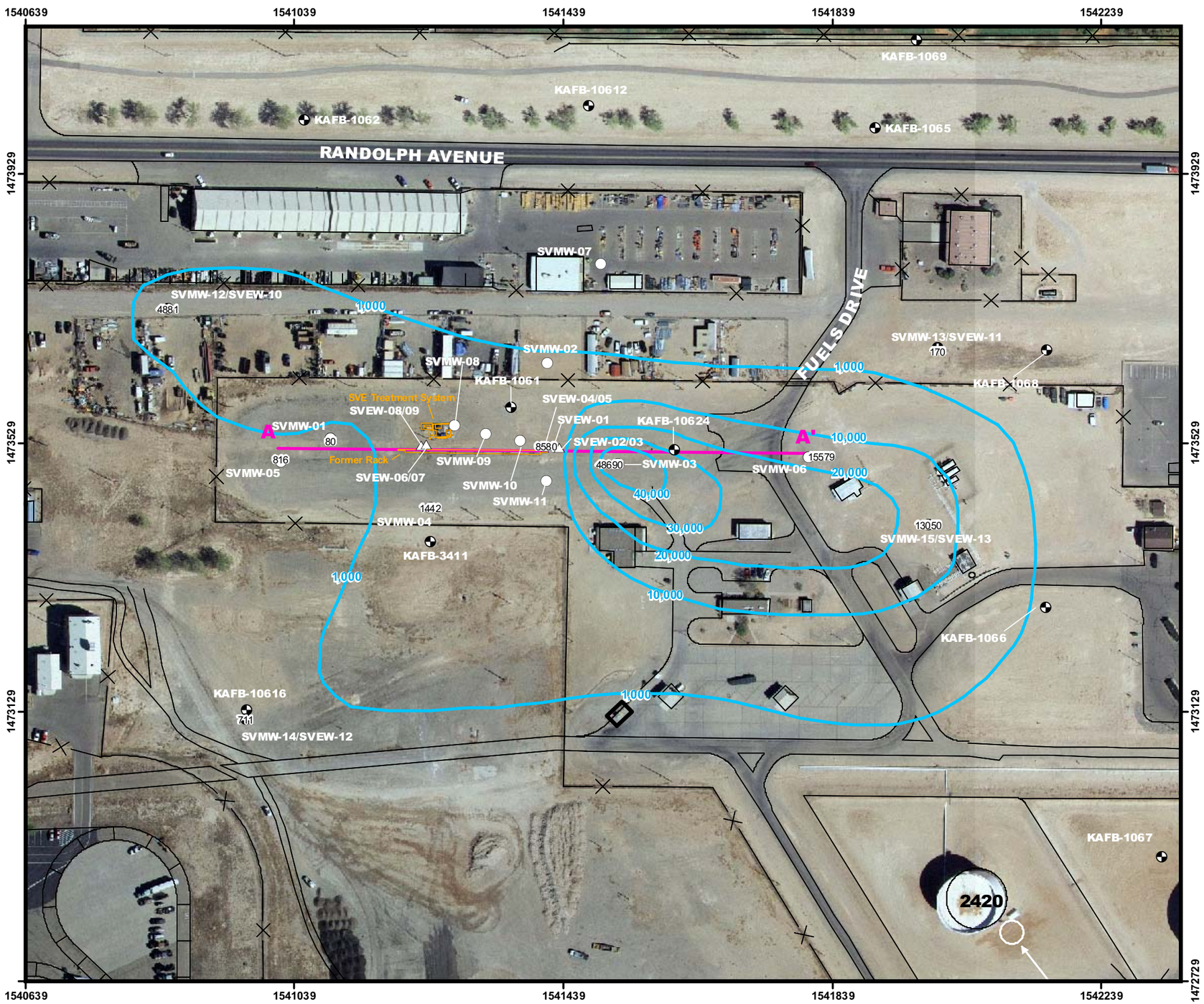
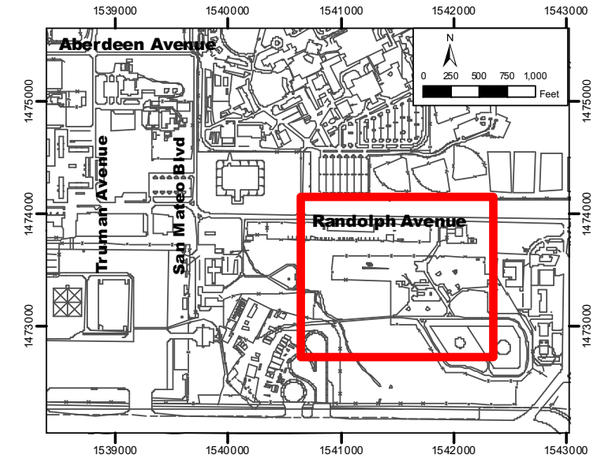
Figure 3-3

Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-May 11-15, 2009

Revision Date: 01 September 2009





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'

0 150 300 450 Feet

N

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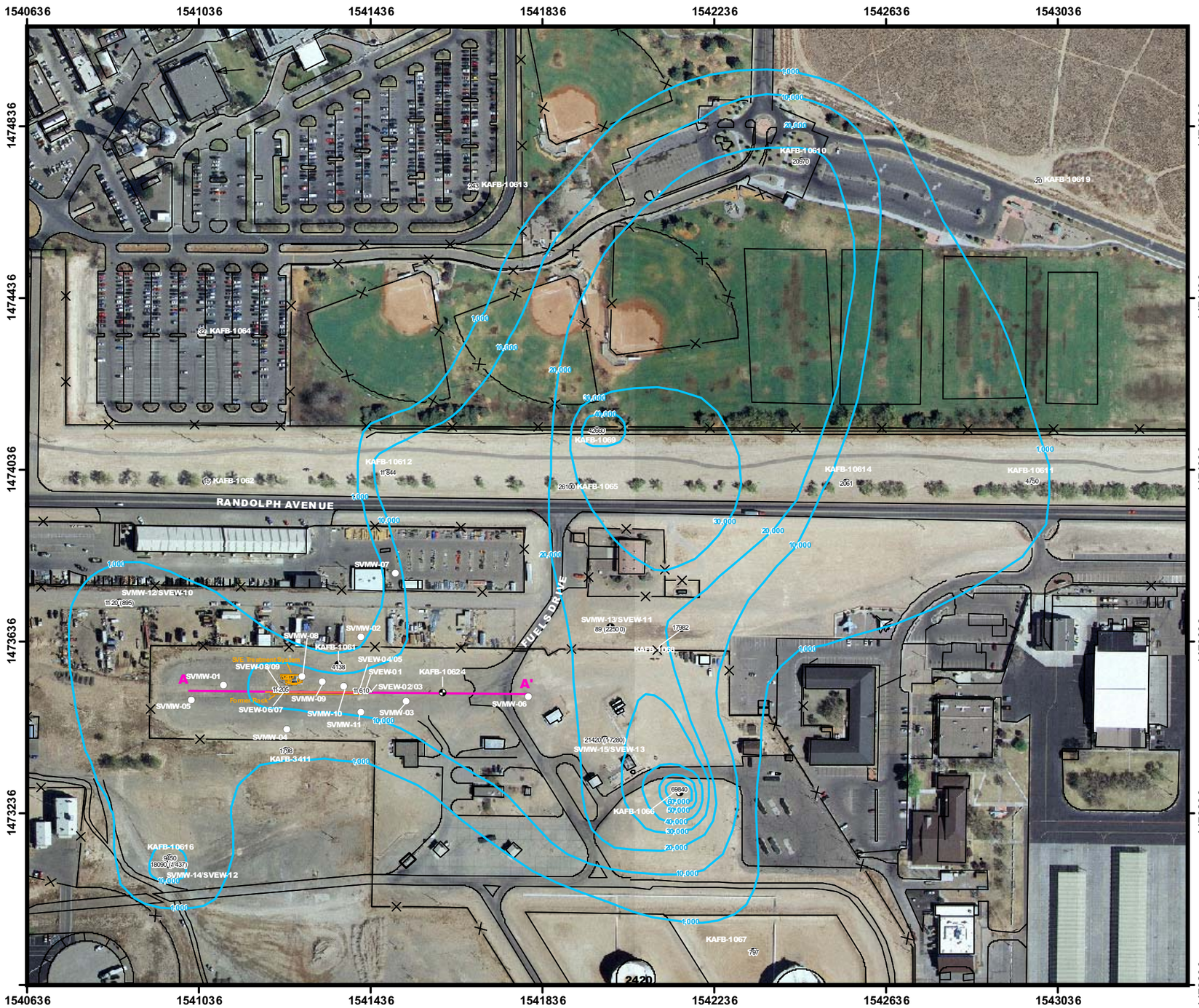
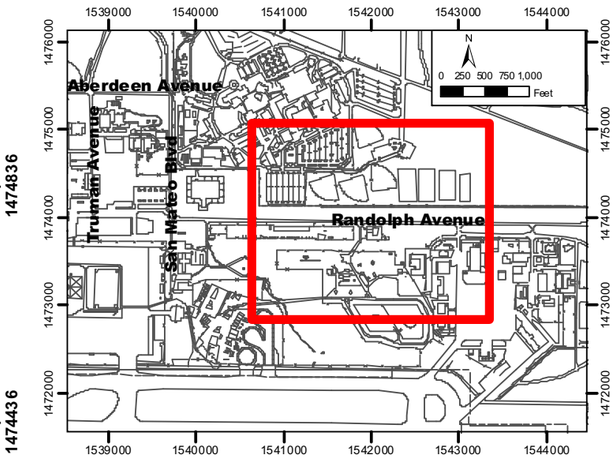
Figure 3-4

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-May 11-15, 2009

Revision Date: 01 September 2009





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

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Figure 3-5

Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-May 11- 15, 2009

Revision Date: 01 September 2009

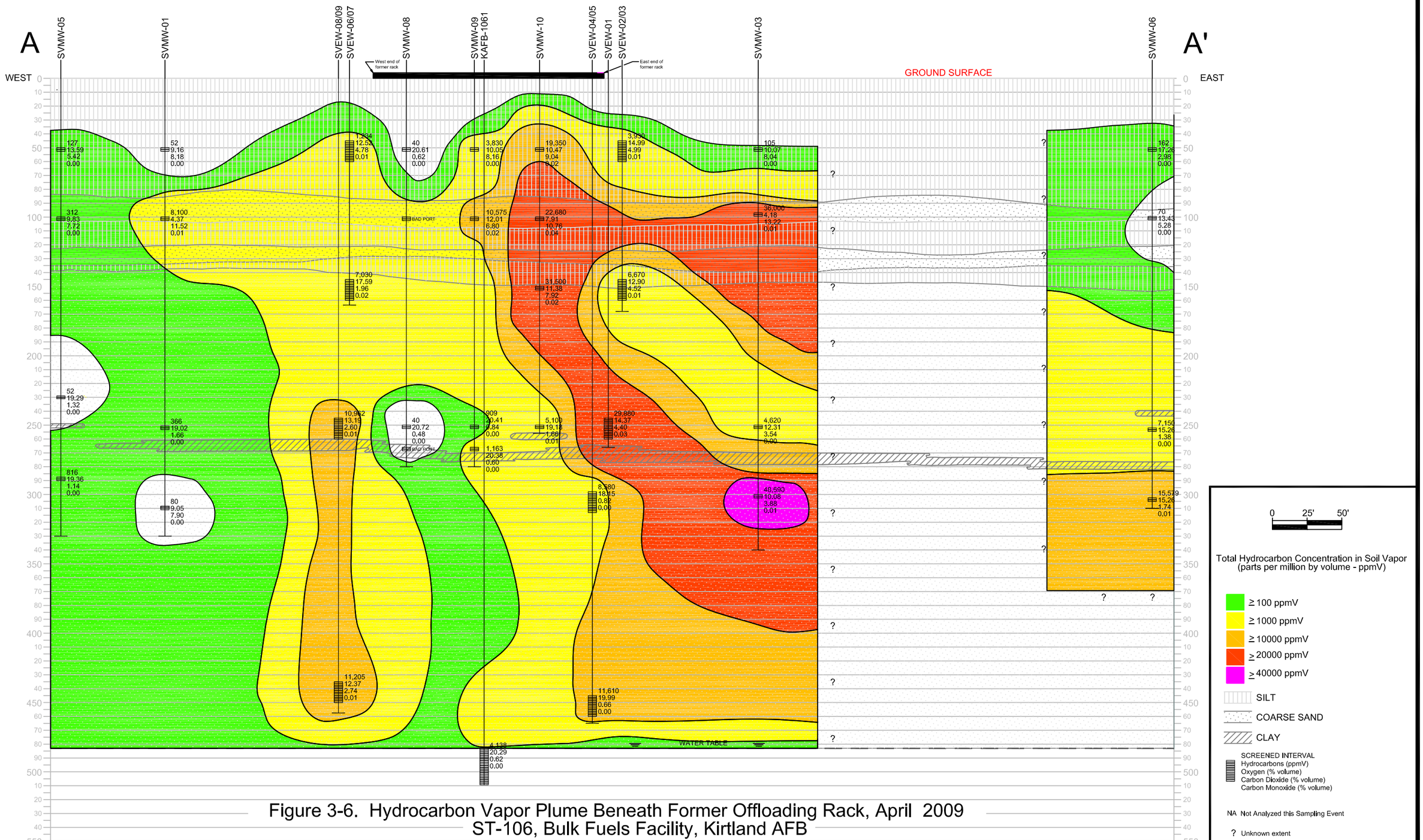
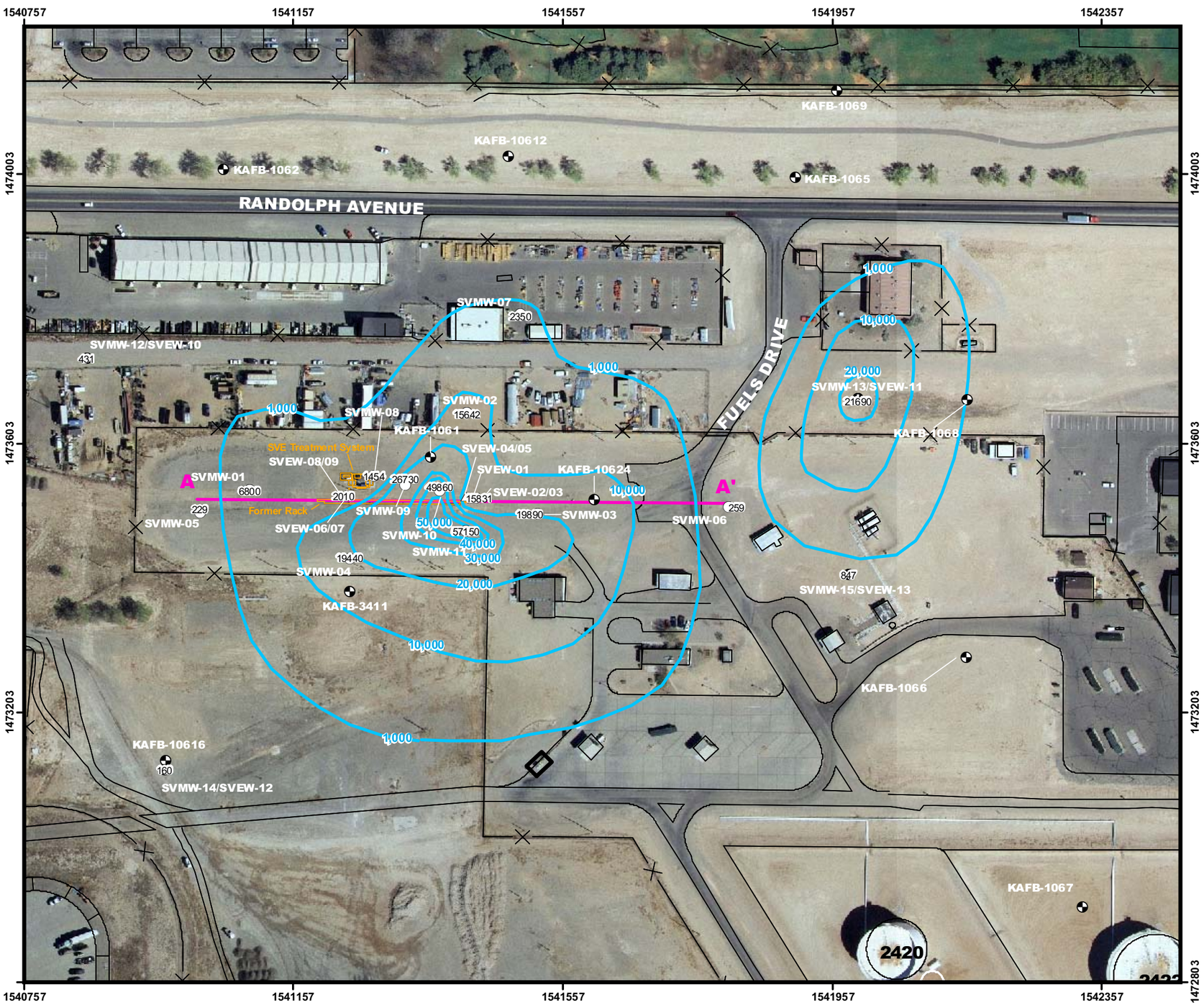
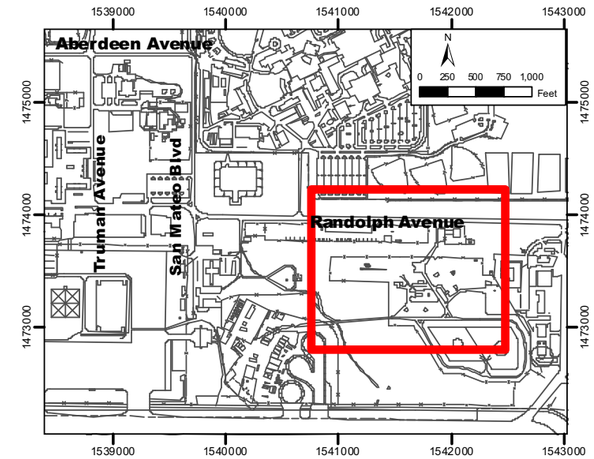


Figure 3-6. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, April 2009
ST-106, Bulk Fuels Facility, Kirtland AFB





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)
- 45450 TPH Concentration in Soil Vapor (ppmV)
- Cross-Section Line A-A'

0 150 300 450 Feet

N

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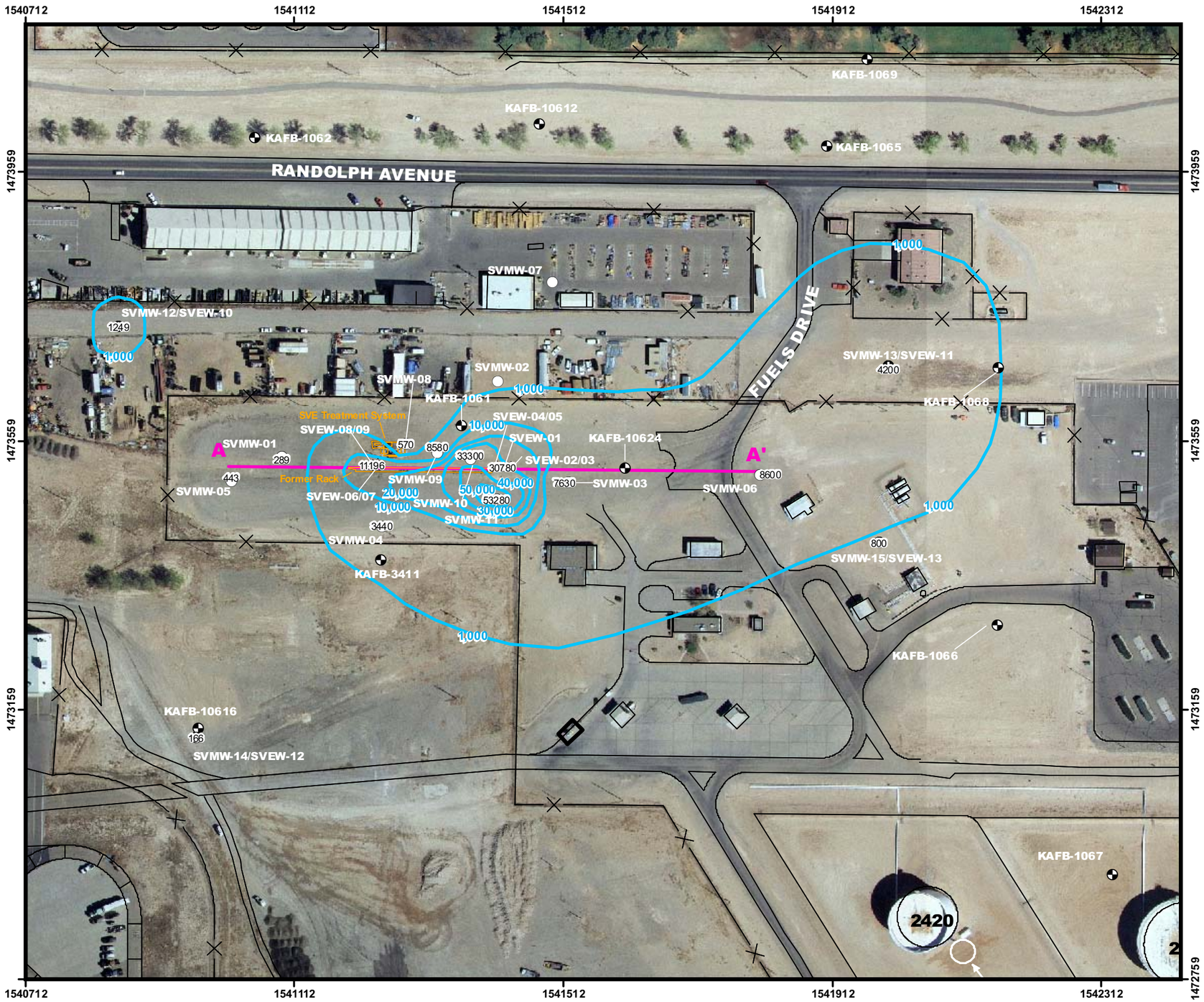
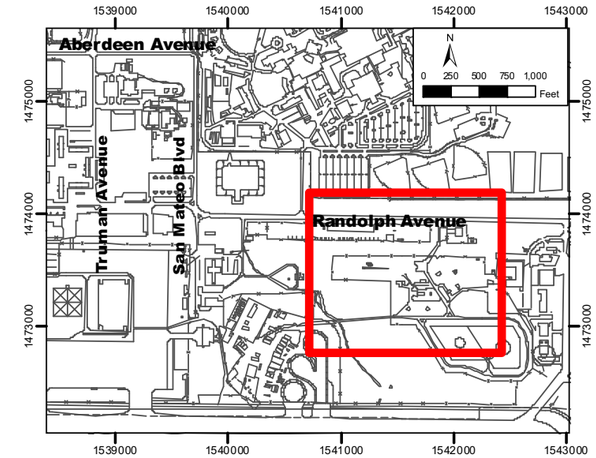
Figure 3-7

Total Petroleum Hydrocarbons in Soil Vapor, 150 Ft Bgs-August 14- 21, 2009

Revision Date: 01 September 2009





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'

0 150 300 450 Feet

N

Semi-Annual Summary and Performance Report
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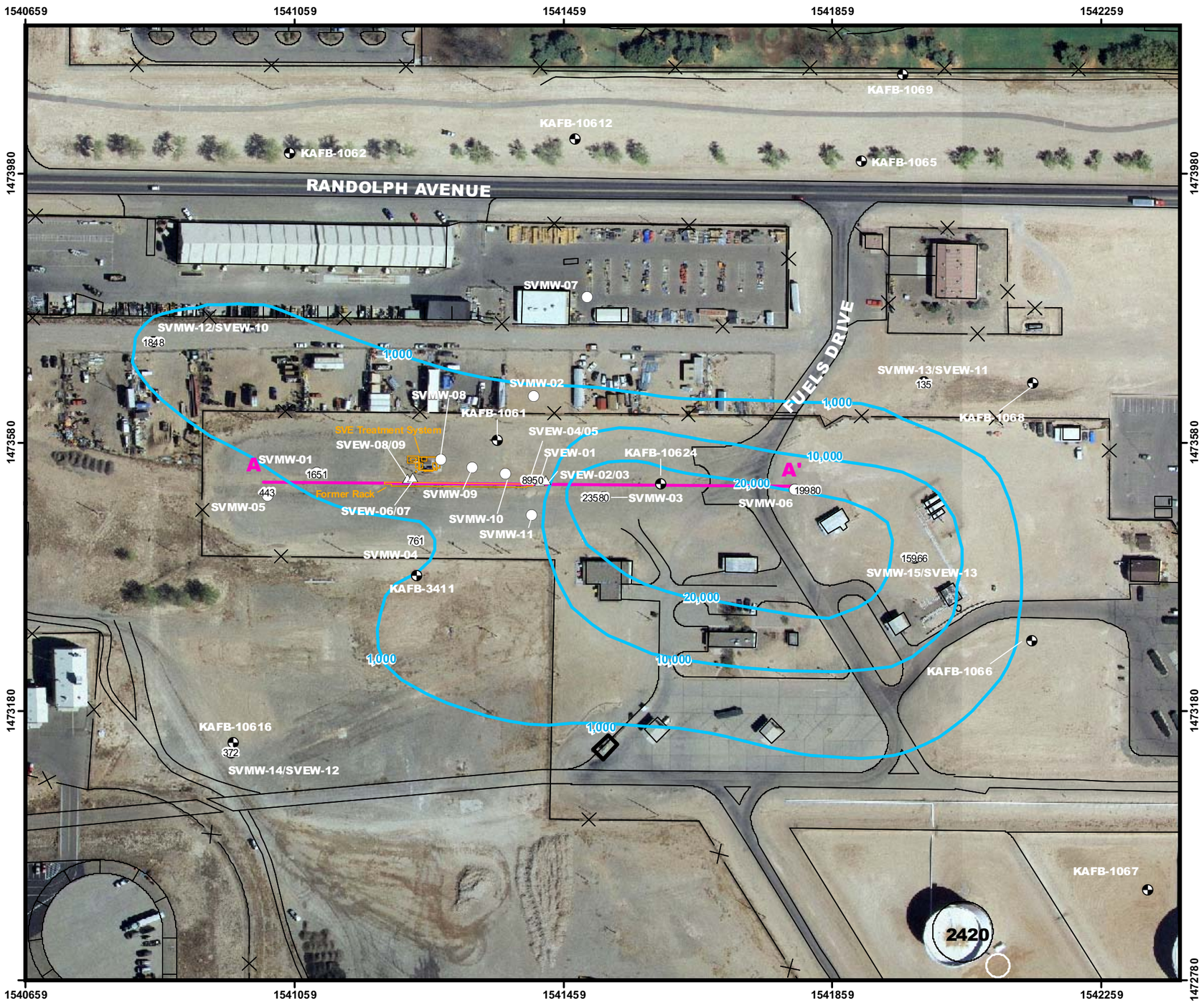
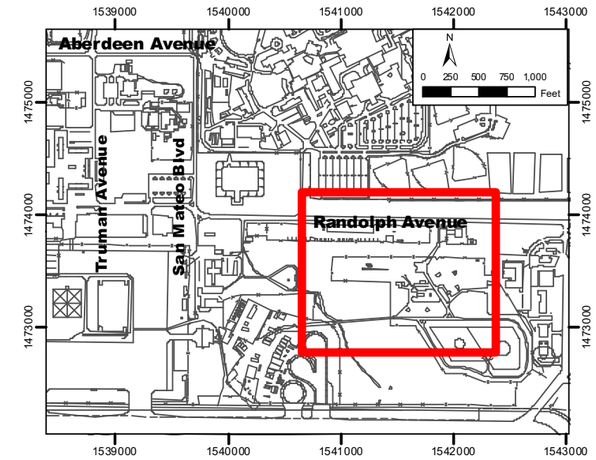
Bulk Fuels Facility

Figure 3-8

Total Petroleum Hydrocarbons in Soil Vapor, 250 Ft Bgs-August 14- 21, 2009

Revision Date: 01 September 2009





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'

N

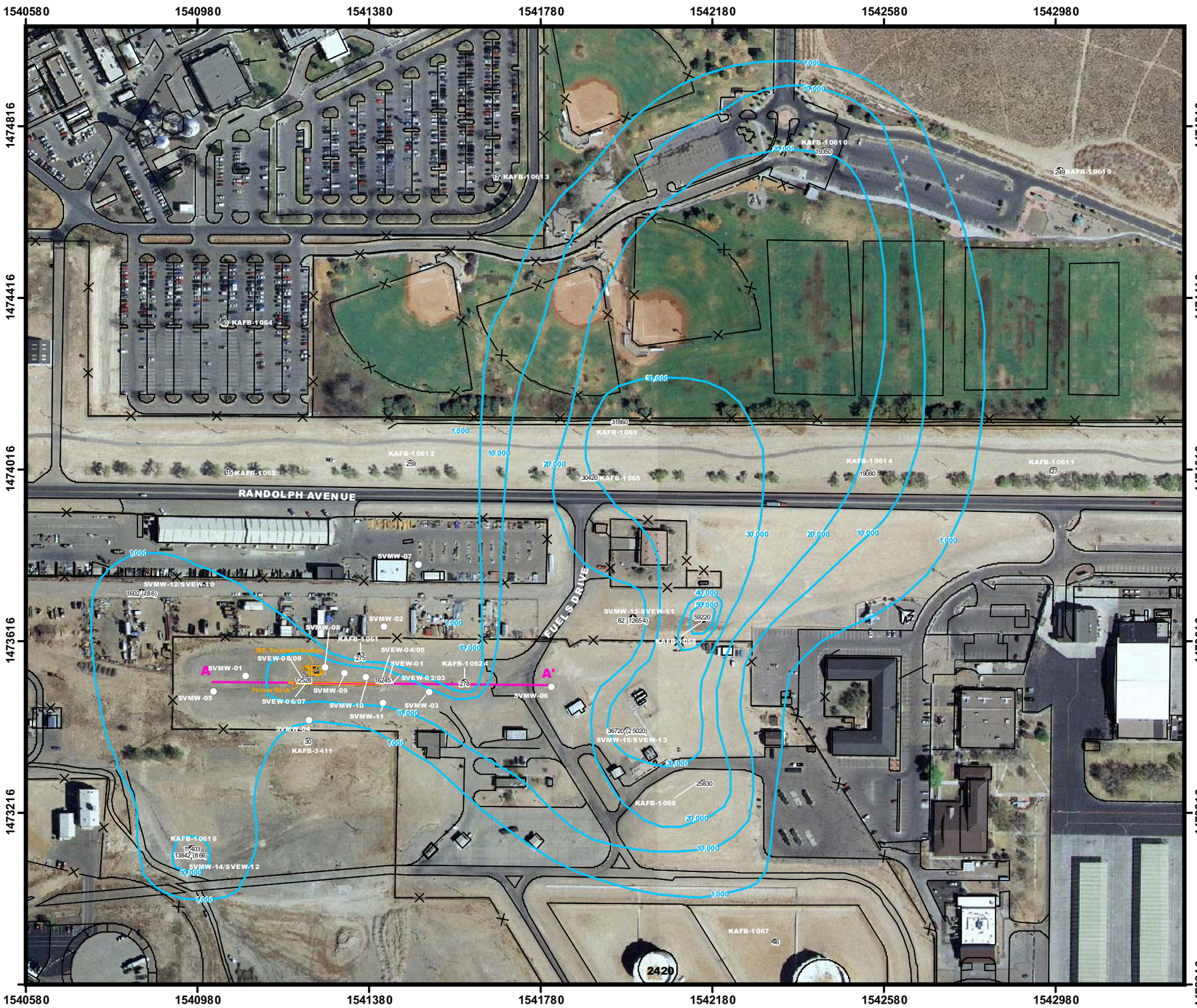
0 150 300 450 Feet

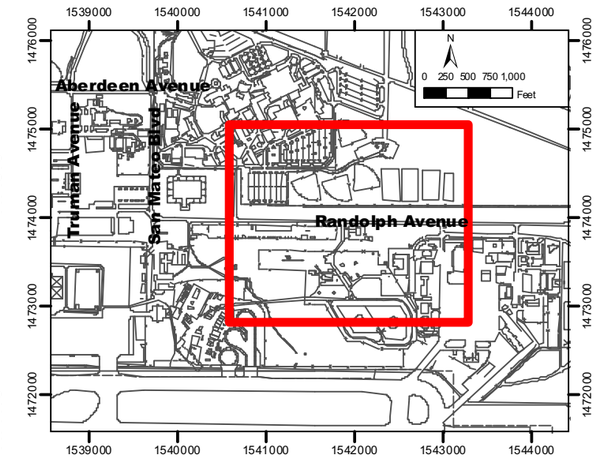
Semi-Annual Summary and Performance Report
April 2009 through September 2009
Bulk Fuels Facility

Figure 3-9

Total Petroleum Hydrocarbons in Soil Vapor, 350 Ft Bgs-August 14- 21, 2009

Revision Date: 01 September 2009





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
April 2009 through September 2009
Bulk Fuels Facility

Figure 3-10

Total Petroleum Hydrocarbons in Soil Vapor, 450 Ft Bgs-August 14- 21, 2009

Revision Date: 01 September 2009

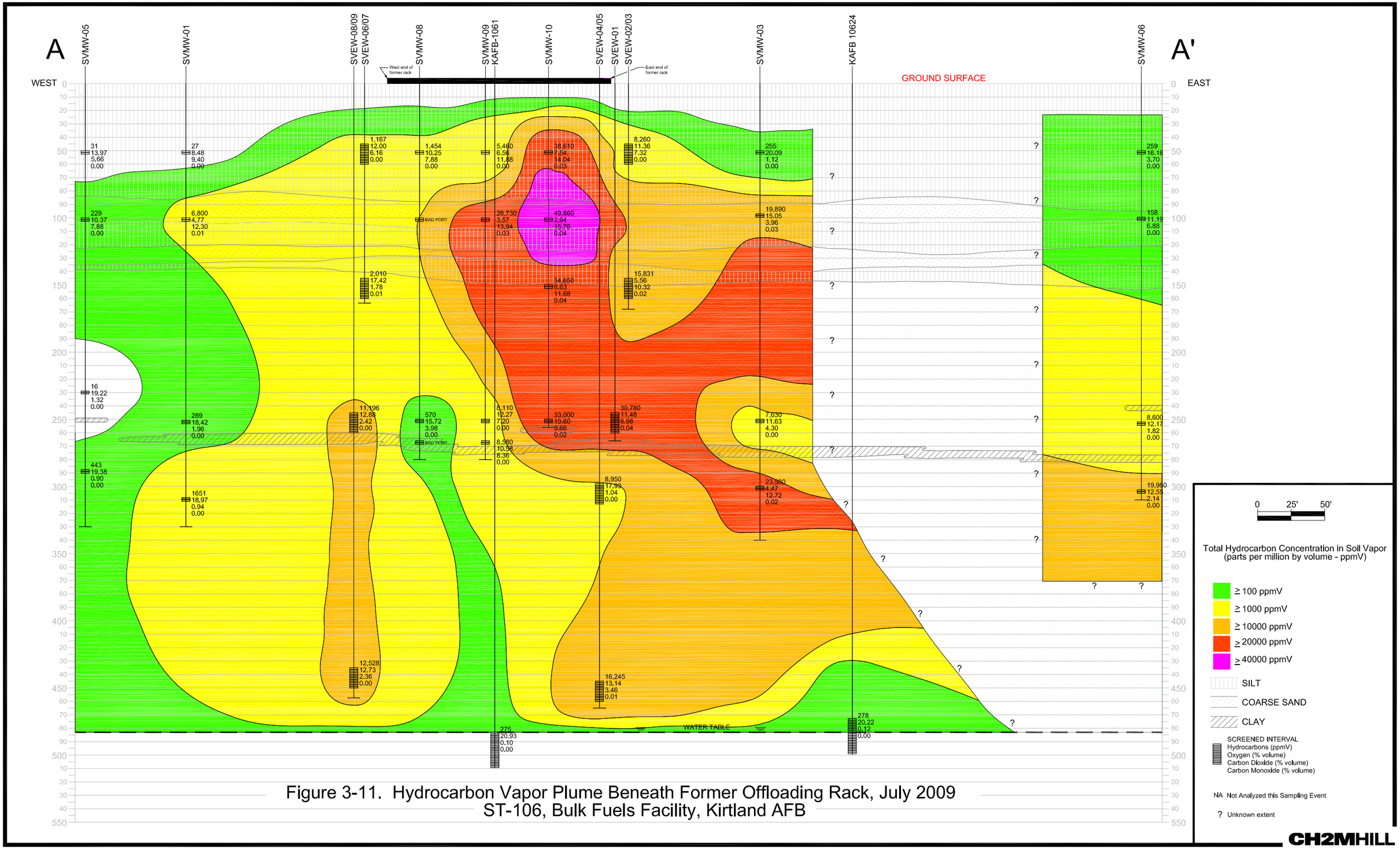


Figure 3-11. Hydrocarbon Vapor Plume Beneath Former Offloading Rack, July 2009
ST-106, Bulk Fuels Facility, Kirtland AFB

APPENDIX D

Waste Disposal Documents

Uniform Hazardous Waste Manifest - 002577038 FLE

Uniform Hazardous Waste Manifest - 002577056 FLE

Uniform Hazardous Waste Manifest - 002577117 FLE

Uniform Hazardous Waste Manifest - 002577184 FLE

Uniform Hazardous Waste Manifest - 002577203 FLE

Uniform Hazardous Waste Manifest - 002577227 FLE

Uniform Hazardous Waste Manifest – 002577294 FLE

Condensate Profile – RC8578

Used Motor Oil Profile – RC8601

Used Oil Filter Profile – RC8676

Used Antifreeze Profile – RC8675

Used Antifreeze Analytical Results – SDG 1001296

Purge Water Disposal Process Request and Approval

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: 505-846-2303
4. Manifest Tracking Number: 002577038 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)345-3855

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)	~~4~~ 3 Ten	~~DM~~ DF Ten	2000	P	D001	D018	
	2. Non DOT Non RCRA Regulated Material, Liquid (Used Motor Oil)	1	DF	350	P	N/R		
	3. ~~Non DOT Non RCRA Regulated Material, Liquid (Used Antifreeze)~~ Ten	~~2~~ Ten	~~DF~~ Ten	~~650~~ Ten	~~P~~ Ten	~~N/R~~ Ten		
	4.							

14. Special Handling Instructions and Additional Information
~~1) RC8578~~
2) RC8601
~~3) RC8678~~ Ten

1) ERG# 128
2) ERG# N/A
3) ERG# N/A

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 HOLMES — Signature: Mark Holmes — Month 11 Day 03 Year 09

GENERATOR

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 Prasek — Signature — Month 11 Day 3 Year 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 #: 002577038 | FLE | Page 1 of 1

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 3 NOV 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: 002577056 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)	3	DF	1500	P	D001 D018
	2. Non DOT Non RCRA Regulated Material, Liquid (Used Motor Oil)	1	DF	350	P	N/R
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) RC8578
2) RC8601
PO# 936844
1) ERG# 128
2) ERG# N/A

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 11 Day 24 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: Jenny Sanchez — Signature: [signature] — Month 11 Day 24 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 / 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 #: 002577056 | FLE | Page 1 of 1

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 11/24/09

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: 002577117 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)	3	DF	1500	P	D001 D018
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) RQ8878
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: LUBIE W. BITNER
Signature
Month 12 Day 29 Year 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: Kerry Prasek
Signature
Month 12 Day 29 Year 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 #: 002577117 FLE Page 1 of 1

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 Chief, Environmental Restoration Date 29 Dec 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: 505-846-2303
4. Manifest Tracking Number: 002577184 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~~ 3	DF	~~1800~~ 1350	P	D001 D018
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) RQ5578
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 1 Day 14 Year 10

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 Prasek
Signature: [signature]
Month 01 Day 14 Year 10
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 #: 002577184 FLE Page 1 of 1

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. Hehn Title PROGRAM MGR Date 1-14-10

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: 505-846-2303
4. Manifest Tracking Number: 002577203 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)	3	DM	1350	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 02 Day 01 Year 10

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: Henry Sanchez — Signature: [signature] — Month 02 Day 02 Year 10
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 #: 002577203 | FLE | Page 1 of 1

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 2-1-10

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: 505-846-2303
4. Manifest Tracking Number: 002577227 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)	2	DF	1000	P	D001 D018
	2. Non DOT Non RCRA Regulated Material, Liquid (Used Antifreeze)	2	DF	200	P	N/R
	3. Non DOT Non RCRA Regulated Material (Used Oil Filters)	1	DM	100	P	N/R
	4.					

14. Special Handling Instructions and Additional Information
1) RC8578
2) RC8675
3) RC8676

1) ERG# 128
2) ERG# N/A
3) ERG# N/A

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 HOLMES — Signature: [signature] — Month 02 Day 17 Year 10

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 Prasek — Signature: [signature] — Month 02 Day 17 Year 10
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 #: 002577227 FLE Page 1 of 1

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 2-17-10

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: 505-846-2303
4. Manifest Tracking Number: 002577294 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)	3	DM	1400	P	D001 D018
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: 24 hour emergency contact: Jennifer Dann (505) 301 3178 — 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 03 Day 25 Year 10

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: Jerry Prasek — Signature: [signature] — Month 03 Day 25 Year 10
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 #: 002577294 FLE Page 1 of 1

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 _____ Date _____

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.

Generator's Waste Profile Sheet

RINCHEM Company, Inc.
6133 Edith Blvd NE
Albuquerque, NM 87107
Phone: (505) 345-3655
FAX: (505) 344-7986

A. GENERAL INFORMATION

Generator Name: Kirtland Airforce Base
Number: RC8578
Facility Address: 2050 Wyoming Blvd SE
Generator US EPA ID: NM9570024423
Albuquerque, NM 87117
Generator State ID:
Technical Contact: Mark Holmes
Title: Project Manager
Phone:
Name of Waste: Water/Fuel
Process Generating Waste: Remediation of JP-4/AV

B. PHYSICAL CHARACTERISTICS OF WASTE

Color: (Describe) CLEAR
Clarity: ☐ Clear ☐ Cloudy
Describe: LIQUID
Phase Separation
Number of Layers: 1

pH: ☐ <2.0 ☐ 2.0-4.0 ☐ 4.1-5.9 ☑ 6.0-8.0 ☐ 8.1-10.0 ☐ 10.1-12.5 ☐ >12.5 ☐ Exact
Specific Gravity: ☐ <.8 ☐ .8-1.0 ☑ 1.0-1.2 ☐ Exact ☐ 1.2-1.4 ☐ 1.4-1.6 ☐ >1.6
Flash Point: ☐ <70F ☑ 70F-140F ☐ 140F-200F ☐ >200F ☐ Exact

C. CHEMICAL COMPOSITION

	Range Lower	Range Upper	
BENZENE	.72	7.4	%
WATER	98	100	%
JP-4 JET FUEL	0	2	%
			%
			%
			%
			%
			%
			%
			%

D. METALS ☐ Total (PPM) ☐ EPA Extraction Process (MG/ML)

☐ Arsenic
☐ Barium
☐ Cadmium
☐ Chromium
☐ Mercury
☐ Lead
☐ Chromium Hex
☐ Selenium
☐ Silver
☐ Copper
☐ Nickel
☐ Zinc
☐ Thallium

E. OTHER COMPONENTS

☐ Cyanides ☐ PCB's
☐ Sulfides ☐ Phenolics

F. SHIPPING INFORMATION

DOT Hazardous Material: ☑ Yes ☐ No
Proper Shipping Name: RQ WASTE FLAMMABLE LIQUIDS, N.O.S. (benzene, water)
Hazard Class: 3
ID No: UN1993
R.Q.:
Anticipated Volume (Units): 2 55 GALLON DRUMS
Per: ☐ One Time ☑ Week ☐ Month ☐ Quarter ☐ Year ☐

G. HAZARDOUS CHARACTERISTICS

Reactive: ☑ None ☐ Pyrophoric ☐ Shock Sensitive ☐ Explosive ☐ Water Reactive ☐ Other
Other Hazardous Characteristics: ☑ None ☐ Radioactive ☐ Etiological ☐ Pesticide Manufacturing Waste ☐ Other
US EPA Hazardous Waste: ☑
US EPA Hazardous Waste Codes: D001, D018

H. SPECIAL HANDLING INFORMATION: 128

I hereby certify that all information in this and all attached documents is complete and accurate, and that all known or suspected hazards have been disclosed. I further certify that any samples submitted with this profile number are representative of the waste to be shipped and are taken in accordance with SW 846 or other approved procedures. I agree to notify Rinchem in writing when the process generating this waste stream changes or when I have reason to believe the data contained herein is not complete and accurate.

Signature: Mark Holmes Title: PROJECT MANAGER Date: 01/09/09

Generator's Waste Profile Sheet

RINCHEM Company, Inc.
6133 Edith Blvd NE
Albuquerque, NM
87107
Phone: (505) 345-3655

A. GENERAL INFORMATION

Generator Name: Kirtland Airforce Base
Number: RC8601
Facility Address: 2050 Wyoming Blvd SE
Generator US EPA ID: NM9570024423
Albuquerque, NM 87117
Generator State ID:
Technical Contact: Mark Holmes
Title: Project Manager
Phone: 5058462803
Name of Waste: Used Motor Oil
Process Generating Waste: Used Motor Oil

B. PHYSICAL CHARACTERISTICS OF WASTE

Color: (Describe) Black
Clarity: ☐ Clear ☐ Cloud
Describe: Liquid
Phase Separation
Number of Layers: 1

pH: ☐ <2.0 ☐ 2.0-4. ☐ 4.1-5. ☑ 6.0-8. ☐ 8.1-10.0 ☐ 10.1-12. ☐ >12.5 ☐ Exac
Specific Gravity: ☑ <. ☐ .8-1. ☐ 1.0-1. ☐ Exac ☐ 1.2-1. ☐ 1.4-1. ☐ >1.6
Flash Point: ☐ <70F ☐ 70F-140 ☐ 140F-200 ☑ >200 ☐ Exac

C. CHEMICAL COMPOSITION

	Range Lower	Range Upper	
USED MOTOR OIL	100	100	%
			%
			%
			%
			%
			%
			%
			%
			%

D. METALS

Total (PPM) | EPA Extraction Process (MG/ML)

Arsenic
Barium
Cadmium
Chromium
Mercury
Lead
Chromium Hex
Selenium
Silver
Copper
Nickel
Zinc
Thalliu

E. OTHER COMPONENTS

☐ Cyanides ☐ PCB's
☐ Sulfides ☐ Phenolics

F. SHIPPING INFORMATION

DOT Hazardous Material: ☐ Yes ☑ No
Proper Shipping Name: Non DOT Non RCRA Regulated Material, Liquid (Used Motor Oil)
Hazard Class:
ID No:
R.Q.:
Anticipated Volume (Units): 1 TO 3 X 55 Gallon Metal
Per: ☐ One Time ☑ Week ☐ Month ☐ Quarter ☐ Year ☐

G. HAZARDOUS CHARACTERISTICS

Reactive: ☑ None ☐ Pyrophoric ☐ Shock Sensitive ☐ Explosive ☐ Water Reactive ☐ Othe
Other Hazardous Characteristics:
☑ Non ☐ Radioactive ☐ Etiological ☐ Pesticide Manufacturing Waste ☐ Othe
US EPA Hazardous Waste: ☐
US EPA Hazardous Waste Codes: N/R

H. SPECIAL HANDLING INFORMATION: N/A

I hereby certify that all information in this and all attached documents is complete and accurate, and that all known or suspected hazards have been disclosed. I further certify that any samples submitted with this profile number are representative of the waste to be shipped and are taken in accordance with SW 846 or other approved procedures. I agree to notify Rinchem in writing when the process generating this waste stream changes or when I have reason to believe the data contained herein is not complete and accurate.

Signature: Mark D Holmes Title: PROJECT MANAGER Date: 4 FEB 09

Generator's Waste Profile Sheet

RINCHEM Company, Inc.
6133 Edith Blvd NE
Albuquerque, NM
87107
Phone: (505) 345-3655

A. GENERAL INFORMATION

Generator Name: Kirtland Airforce Base
Number: RC8676
Facility Address: 2050 Wyoming Blvd SE
Generator US EPA ID: NM9570024423
Albuquerque, NM 87117
Generator State ID:
Technical Contact: Mark Holmes
Title: Project Manager
Phone: 5058462803
Name of Waste: Used Oil Filters
Process Generating Waste: Routine Vehicle Maintenance

B. PHYSICAL CHARACTERISTICS OF WASTE

Color: (Describe) Varies
Clarity: ☐ Clear ☐ Cloud
Describe: Solid
Phase Separation
Number of Layers: 2

pH: ☐ <2.0 ☐ 2.0-4. ☐ 4.1-5. ☑ 6.0-8. ☐ 8.1-10.0 ☐ 10.1-12. ☐ >12.5 ☐ Exac
Specific Gravity: ☐ <. ☐ .8-1. ☐ 1.0-1. ☐ Exac ☐ 1.2-1. ☐ 1.4-1. ☑ >1.6
Flash Point: ☐ <70F ☐ 70F-140 ☐ 140F-200 ☑ >200 ☐ Exac

C. CHEMICAL COMPOSITION

	Range Lower	Range Upper	
USED OIL FILTERS	98	98	%
LEFT OVER OIL RESIDUE	2	2	%
			%
			%
			%
			%
			%
			%
			%

D. METALS

Total (PPM) EPA Extraction Process (MG/ML)

Arsenic, Barium, Cadmium, Chromium, Mercury, Lead, Chromium Hex, Selenium, Silver, Copper, Nickel, Zinc, Thalliu

E. OTHER COMPONENTS

☐ Cyanides ☐ PCB's
☐ Sulfides ☐ Phenolics

F. SHIPPING INFORMATION

DOT Hazardous Material: ☐ Yes ☑ No
Proper Shipping Name: Non DOT Non RCRA Regulated Material
Hazard Class:
ID No: R.Q.:
Anticipated Volume (Units): 1 to 2 / 30 gallon Metal or Poly
Per: ☐ One Time ☐ Week ☑ Month ☐ Quarter ☐ Year

G. HAZARDOUS CHARACTERISTICS

Reactive: ☑ None ☐ Pyrophoric ☐ Shock Sensitive ☐ Explosive ☐ Water Reactive ☐ Othe
Other Hazardous Characteristics: ☑ Non ☐ Radioactive ☐ Etiological ☐ Pesticide Manufacturing Waste ☐ Othe
US EPA Hazardous Waste: ☐
US EPA Hazardous Waste Codes: N/R

H. SPECIAL HANDLING INFORMATION: N/A

I hereby certify that all information in this and all attached documents is complete and accurate, and that all known or suspected hazards have been disclosed. I further certify that any samples submitted with this profile number are representative of the waste to be shipped and are taken in accordance with SW 846 or other approved procedures. I agree to notify Rinchem in writing when the process generating this waste stream changes or when I have reason to believe the data contained herein is not complete and accurate.

Signature: Mark Holmes Title: PROJECT MANAGER Date: 2-5-10

Generator's Waste Profile Sheet

RINCHEM Company, Inc.
6133 Edith Blvd NE
Albuquerque, NM
87107
Phone: (505) 345-3655

A. GENERAL INFORMATION

Generator Name: Kirtland Airforce Base
Number: RC8675
Facility Address: 2050 Wyoming Blvd SE
Generator US EPA ID: NM9570024423
Albuquerque, NM 87117
Generator State ID:
Technical Contact: Mark Holmes
Title: Project Manager
Phone: 5058462803
Name of Waste: Used Antifreeze
Process Generating Waste: Used Antifreeze

B. PHYSICAL CHARACTERISTICS OF WASTE

Color: (Describe) Green
Clarity: ☐ Clear ☐ Cloud
Describe: Liquid
Phase Separation
Number of Layers: 1

pH: ☐ <2.0 ☐ 2.0-4. ☐ 4.1-5. ☑ 6.0-8. ☐ 8.1-10.0 ☐ 10.1-12. ☐ >12.5 ☐ Exac
Specific Gravity: ☐ <. ☐ .8-1. ☑ 1.0-1. ☐ Exac ☐ 1.2-1. ☐ 1.4-1. ☐ >1.6
Flash Point: ☐ <70F ☐ 70F-140 ☐ 140F-200 ☑ >200 ☐ Exac

C. CHEMICAL COMPOSITION

	Range Lower	Range Upper	
USED ANTIFREEZE	100	100	%
			%
			%
			%
			%
			%
			%
			%
			%

D. METALS

☐ Total (PPM) ☐ EPA Extraction Process (MG/ML)

☐ Arsenic
☐ Barium
☐ Cadmium
☐ Chromium
☐ Mercury
☐ Lead
☐ Chromium Hex
☐ Selenium
☐ Silver
☐ Copper
☐ Nickel
☐ Zinc
☐ Thallium

E. OTHER COMPONENTS

☐ Cyanides ☐ PCB's
☐ Sulfides ☐ Phenolics

F. SHIPPING INFORMATION

DOT Hazardous Material: ☐ Yes ☑ No
Proper Shipping Name: Non DOT Non RCRA Regulated Material, Liquid (Used Antifreeze)
Hazard Class:
ID No:
R.Q.:
Anticipated Volume (Units): 1 to 2 / 30 gallon Metal or Poly
Per: ☐ One Time ☐ Week ☑ Month ☐ Quarter ☐ Year ☐

G. HAZARDOUS CHARACTERISTICS

Reactive: ☑ None ☐ Pyrophoric ☐ Shock Sensitive ☐ Explosive ☐ Water Reactive ☐ Othe
Other Hazardous Characteristics: ☑ Non ☐ Radioactive ☐ Etiological ☐ Pesticide Manufacturing Waste ☐ Othe
US EPA Hazardous Waste: ☐
US EPA Hazardous Waste Codes: N/R

H. SPECIAL HANDLING INFORMATION: N/A

I hereby certify that all information in this and all attached documents is complete and accurate, and that all known or suspected hazards have been disclosed. I further certify that any samples submitted with this profile number are representative of the waste to be shipped and are taken in accordance with SW-846 or other approved procedures. I agree to notify Rinchem in writing when the process generating this waste stream changes or when I have reason to believe the data contained herein is not complete and accurate.

Signature: Mark Holmes Title: PROJECT MANAGER Date: 2-5-10

HALL ENVIRONMENTAL ANALYSIS LABORATORY

COVER LETTER

Wednesday, February 03, 2010

Sharon Minchak
CH2M Hill
4041 Jefferson Plaza, NE Suite 200
Albuquerque, NM 87109

TEL: (505) 884-5600
FAX (505) 883-7507

RE: KAFB Bulk Fuels

Order No.: 1001296

Dear Sharon Minchak:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 1/21/2010 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

ACCREDITED IN ACCORDANCE WITH nelac

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc. **Date:** *03-Feb-10*

CLIENT: CH2M Hill
Project: KAFB Bulk Fuels
Lab Order: 1001296

CASE NARRATIVE

It was necessary to dilute the sample for method 8260B because of the very foamy nature of the sample.

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-10*

CLIENT: CH2M Hill
Project: KAFB Bulk Fuels
Lab Order: 1001296

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Batch ID	Test Name	Collection Date
1001296-01A	ST106-Antifreeze-21	R37121	EPA Method 8260B: VOLATILES	1/21/2010 1:20:00 PM
1001296-01A	ST106-Antifreeze-21	R37121	EPA Method 8260B: VOLATILES	1/21/2010 1:20:00 PM
1001296-01A	ST106-Antifreeze-21	21200	EPA Method 8260B: Volatiles	1/21/2010 1:20:00 PM
1001296-01B	ST106-Antifreeze-21	21211	EPA Method 8270C: Semivolatiles	1/21/2010 1:20:00 PM
1001296-01B	ST106-Antifreeze-21	21211	EPA Method 8270C: Semivolatiles	1/21/2010 1:20:00 PM
1001296-01B	ST106-Antifreeze-21	21202	SEMIVOLATILE ORGANICS by 8270	1/21/2010 1:20:00 PM
1001296-01B	ST106-Antifreeze-21	21202	SEMIVOLATILE ORGANICS by 8270	1/21/2010 1:20:00 PM

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-10*

CLIENT: CH2M Hill
Lab Order: 1001296
Project: KAFB Bulk Fuels
Lab ID: 1001296-01

Client Sample ID: ST106-Antifreeze-21012010
Collection Date: 1/21/2010 1:20:00 PM
Date Received: 1/21/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: LBJ
Acenaphthene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Acenaphthylene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Aniline	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Anthracene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Azobenzene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Benz(a)anthracene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Benzo(a)pyrene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Benzo(b)fluoranthene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Benzo(g,h,i)perylene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Benzo(k)fluoranthene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Benzoic acid	ND	500		µg/L	5	1/27/2010 4:00:50 PM
Benzyl alcohol	350	250		µg/L	5	1/27/2010 4:00:50 PM
Bis(2-chloroethoxy)methane	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Bis(2-chloroethyl)ether	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Bis(2-chloroisopropyl)ether	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Bis(2-ethylhexyl)phthalate	ND	250		µg/L	5	1/27/2010 4:00:50 PM
4-Bromophenyl phenyl ether	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Butyl benzyl phthalate	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Carbazole	ND	250		µg/L	5	1/27/2010 4:00:50 PM
4-Chloro-3-methylphenol	ND	250		µg/L	5	1/27/2010 4:00:50 PM
4-Chloroaniline	ND	250		µg/L	5	1/27/2010 4:00:50 PM
2-Chloronaphthalene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
2-Chlorophenol	ND	250		µg/L	5	1/27/2010 4:00:50 PM
4-Chlorophenyl phenyl ether	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Chrysene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Di-n-butyl phthalate	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Di-n-octyl phthalate	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Dibenz(a,h)anthracene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Dibenzofuran	ND	250		µg/L	5	1/27/2010 4:00:50 PM
1,2-Dichlorobenzene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
1,3-Dichlorobenzene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
1,4-Dichlorobenzene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
3,3'-Dichlorobenzidine	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Diethyl phthalate	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Dimethyl phthalate	ND	250		µg/L	5	1/27/2010 4:00:50 PM
2,4-Dichlorophenol	ND	500		µg/L	5	1/27/2010 4:00:50 PM
2,4-Dimethylphenol	ND	250		µg/L	5	1/27/2010 4:00:50 PM
4,6-Dinitro-2-methylphenol	ND	500		µg/L	5	1/27/2010 4:00:50 PM
2,4-Dinitrophenol	ND	500		µg/L	5	1/27/2010 4:00:50 PM
2,4-Dinitrotoluene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
2,6-Dinitrotoluene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Fluoranthene	ND	250		µg/L	5	1/27/2010 4:00:50 PM

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-10*

CLIENT: CH2M Hill
Lab Order: 1001296
Project: KAFB Bulk Fuels
Lab ID: 1001296-01

Client Sample ID: ST106-Antifreeze-21012010
Collection Date: 1/21/2010 1:20:00 PM
Date Received: 1/21/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: LBJ
Fluorene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Hexachlorobenzene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Hexachlorobutadiene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Hexachlorocyclopentadiene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Hexachloroethane	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Indeno(1,2,3-cd)pyrene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Isophorone	ND	250		µg/L	5	1/27/2010 4:00:50 PM
2-Methylnaphthalene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
2-Methylphenol	ND	250		µg/L	5	1/27/2010 4:00:50 PM
3+4-Methylphenol	ND	250		µg/L	5	1/27/2010 4:00:50 PM
N-Nitrosodi-n-propylamine	ND	250		µg/L	5	1/27/2010 4:00:50 PM
N-Nitrosodimethylamine	ND	250		µg/L	5	1/27/2010 4:00:50 PM
N-Nitrosodiphenylamine	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Naphthalene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
2-Nitroaniline	ND	250		µg/L	5	1/27/2010 4:00:50 PM
3-Nitroaniline	ND	250		µg/L	5	1/27/2010 4:00:50 PM
4-Nitroaniline	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Nitrobenzene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
2-Nitrophenol	ND	250		µg/L	5	1/27/2010 4:00:50 PM
4-Nitrophenol	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Pentachlorophenol	ND	500		µg/L	5	1/27/2010 4:00:50 PM
Phenanthrene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Phenol	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Pyrene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Pyridine	ND	250		µg/L	5	1/27/2010 4:00:50 PM
1,2,4-Trichlorobenzene	ND	250		µg/L	5	1/27/2010 4:00:50 PM
2,4,5-Trichlorophenol	ND	250		µg/L	5	1/27/2010 4:00:50 PM
2,4,6-Trichlorophenol	ND	250		µg/L	5	1/27/2010 4:00:50 PM
Surr: 2,4,6-Tribromophenol	66.3	16.6-150		%REC	5	1/27/2010 4:00:50 PM
Surr: 2-Fluorobiphenyl	58.2	19.6-134		%REC	5	1/27/2010 4:00:50 PM
Surr: 2-Fluorophenol	49.5	9.54-113		%REC	5	1/27/2010 4:00:50 PM
Surr: 4-Terphenyl-d14	105	22.7-145		%REC	5	1/27/2010 4:00:50 PM
Surr: Nitrobenzene-d5	47.4	14.6-134		%REC	5	1/27/2010 4:00:50 PM
Surr: Phenol-d5	38.1	10.7-80.3		%REC	5	1/27/2010 4:00:50 PM
EPA METHOD 8260B: VOLATILES						Analyst: DAM
Benzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Toluene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Ethylbenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Methyl tert-butyl ether (MTBE)	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,2,4-Trimethylbenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,3,5-Trimethylbenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-10*

CLIENT: CH2M Hill
Lab Order: 1001296
Project: KAFB Bulk Fuels
Lab ID: 1001296-01

Client Sample ID: ST106-Antifreeze-21012010
Collection Date: 1/21/2010 1:20:00 PM
Date Received: 1/21/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: DAM
1,2-Dichloroethane (EDC)	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,2-Dibromoethane (EDB)	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Naphthalene	ND	1000		µg/L	500	1/26/2010 12:03:07 PM
1-Methylnaphthalene	ND	2000		µg/L	500	1/26/2010 12:03:07 PM
2-Methylnaphthalene	ND	2000		µg/L	500	1/26/2010 12:03:07 PM
Acetone	ND	5000		µg/L	500	1/26/2010 12:03:07 PM
Bromobenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Bromodichloromethane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Bromoform	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Bromomethane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
2-Butanone	ND	5000		µg/L	500	1/26/2010 12:03:07 PM
Carbon disulfide	ND	5000		µg/L	500	1/26/2010 12:03:07 PM
Carbon Tetrachloride	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Chlorobenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Chloroethane	ND	1000		µg/L	500	1/26/2010 12:03:07 PM
Chloroform	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Chloromethane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
2-Chlorotoluene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
4-Chlorotoluene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
cis-1,2-DCE	ND	500		µg/L	500	1/26/2010 12:03:07 PM
cis-1,3-Dichloropropene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,2-Dibromo-3-chloropropane	ND	1000		µg/L	500	1/26/2010 12:03:07 PM
Dibromochloromethane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Dibromomethane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,2-Dichlorobenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,3-Dichlorobenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,4-Dichlorobenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Dichlorodifluoromethane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,1-Dichloroethane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,1-Dichloroethene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,2-Dichloropropane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,3-Dichloropropane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
2,2-Dichloropropane	ND	1000		µg/L	500	1/26/2010 12:03:07 PM
1,1-Dichloropropene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Hexachlorobutadiene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
2-Hexanone	ND	5000		µg/L	500	1/26/2010 12:03:07 PM
Isopropylbenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
4-Isopropyltoluene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
4-Methyl-2-pentanone	ND	5000		µg/L	500	1/26/2010 12:03:07 PM
Methylene Chloride	ND	1500		µg/L	500	1/26/2010 12:03:07 PM
n-Butylbenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
n-Propylbenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-10*

CLIENT: CH2M Hill
Lab Order: 1001296
Project: KAFB Bulk Fuels
Lab ID: 1001296-01

Client Sample ID: ST106-Antifreeze-21012010
Collection Date: 1/21/2010 1:20:00 PM
Date Received: 1/21/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
						Analyst: DAM
EPA METHOD 8260B: VOLATILES						
sec-Butylbenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Styrene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
tert-Butylbenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,1,1,2-Tetrachloroethane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,1,2,2-Tetrachloroethane	ND	1000		µg/L	500	1/26/2010 12:03:07 PM
Tetrachloroethene (PCE)	ND	500		µg/L	500	1/26/2010 12:03:07 PM
trans-1,2-DCE	ND	500		µg/L	500	1/26/2010 12:03:07 PM
trans-1,3-Dichloropropene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,2,3-Trichlorobenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,2,4-Trichlorobenzene	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,1,1-Trichloroethane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,1,2-Trichloroethane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Trichloroethene (TCE)	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Trichlorofluoromethane	ND	500		µg/L	500	1/26/2010 12:03:07 PM
1,2,3-Trichloropropane	ND	1000		µg/L	500	1/26/2010 12:03:07 PM
Vinyl chloride	ND	500		µg/L	500	1/26/2010 12:03:07 PM
Xylenes, Total	ND	750		µg/L	500	1/26/2010 12:03:07 PM
Surr: 1,2-Dichloroethane-d4	89.9	54.6-141		%REC	500	1/26/2010 12:03:07 PM
Surr: 4-Bromofluorobenzene	92.3	60.1-133		%REC	500	1/26/2010 12:03:07 PM
Surr: Dibromofluoromethane	87.7	78.5-130		%REC	500	1/26/2010 12:03:07 PM
Surr: Toluene-d8	97.3	79.5-126		%REC	500	1/26/2010 12:03:07 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: Hall Environmental
Project: 1001296
Lab ID: C10010771-001
Client Sample ID: ST106 Antifreeze-21012010

Report Date: 02/03/10
Collection Date: 01/21/10 13:20
DateReceived: 01/22/10
Matrix: Antifreeze

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Flash Point (Ignitability)	> 140	°F		60	140	SW1010A	01/29/10 12:13 / ph
- Flashpoint has been corrected for barometric pressure.							
METALS - TOTAL							
Arsenic	ND	mg/kg		0.5		SW6020	01/27/10 19:40 / sml
Barium	ND	mg/kg		5.0		SW6020	01/27/10 19:40 / sml
Cadmium	ND	mg/kg		0.5		SW6020	01/27/10 19:40 / sml
Chromium	ND	mg/kg		2.5		SW6020	01/27/10 19:40 / sml
Lead	ND	mg/kg		2.5		SW6020	01/27/10 19:40 / sml
Mercury	ND	mg/kg		0.05		SW7471A	01/26/10 14:23 / jp
Selenium	ND	mg/kg		5.0		SW6020	01/27/10 19:40 / sml
Silver	ND	mg/kg		0.5		SW6020	01/27/10 19:40 / sml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: Hall Environmental
Project: 1001296

Report Date: 02/03/10
Work Order: C10010771

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020										Batch: 25048
Sample ID: MB-25048	7	Method Blank				Run: ICPMS4-C_100127A			01/27/10 19:15	
Arsenic		0.1	mg/kg-dry	0.0004						
Barium		0.03	mg/kg-dry	0.003						
Cadmium		0.001	mg/kg-dry	0.0001						
Chromium		0.2	mg/kg-dry	0.002						
Lead		0.01	mg/kg-dry	0.0001						
Selenium		0.01	mg/kg-dry	0.0001						
Silver		0.05	mg/kg-dry	0.02						
Sample ID: LCS3-25048	7	Laboratory Control Sample				Run: ICPMS4-C_100127A			01/27/10 19:20	
Arsenic		174	mg/kg-dry	0.50	92	71.1	125			
Barium		359	mg/kg-dry	0.50	86	65.4	128			
Cadmium		55.8	mg/kg-dry	0.50	90	72	124			
Chromium		113	mg/kg-dry	0.50	90	76.2	118			
Lead		125	mg/kg-dry	0.50	88	71	121			
Selenium		117	mg/kg-dry	0.50	92	66.7	128			
Silver		68.6	mg/kg-dry	0.50	91	65	129			
Sample ID: C10010775-001AMS3	7	Sample Matrix Spike				Run: ICPMS4-C_100127A			01/27/10 20:27	
Arsenic		40	mg/kg-dry	0.50	118	75	125			
Barium		280	mg/kg-dry	0.50	794	75	125			S
Cadmium		20	mg/kg-dry	0.50	116	75	125			
Chromium		71	mg/kg-dry	0.50	206	75	125			S
Lead		54	mg/kg-dry	0.50	156	75	125			S
Selenium		35	mg/kg-dry	0.50	103	75	125			
Silver		19	mg/kg-dry	0.53	110	75	125			
Sample ID: C10010775-001AMSD	7	Sample Matrix Spike Duplicate				Run: ICPMS4-C_100127A			01/27/10 20:32	
Arsenic		46	mg/kg-dry	0.50	118	75	125	12	20	
Barium		280	mg/kg-dry	0.50	720	75	125	1.5	20	S
Cadmium		21	mg/kg-dry	0.50	111	75	125	6.2	20	
Chromium		78	mg/kg-dry	0.50	201	75	125	9	20	S
Lead		56	mg/kg-dry	0.50	144	75	125	2.9	20	S
Selenium		39	mg/kg-dry	0.50	102	75	125	11	20	
Silver		20	mg/kg-dry	0.60	106	75	125	7.6	20	

Qualifiers:
RL - Analyte reporting limit.
S - Spike recovery outside of advisory limits.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

QA/QC Summary Report

Client: Hall Environmental
Project: 1001296

Report Date: 02/03/10
Work Order: C10010771

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW7471A										Batch: 25034
Sample ID: MB-25034		Method Blank				Run: CVAA_C203_100126A				01/26/10 14:10
Mercury		ND	mg/kg	0.003						
Sample ID: LCS1-25034		Laboratory Control Sample				Run: CVAA_C203_100126A				01/26/10 14:12
Mercury		6.1	mg/kg	0.050	123	66	148			
Sample ID: C10010659-003AMS		Sample Matrix Spike				Run: CVAA_C203_100126A				01/26/10 14:17
Mercury		0.94	mg/kg-dry	0.050	90	80	120			
Sample ID: C10010659-003AMSD		Sample Matrix Spike Duplicate				Run: CVAA_C203_100126A				01/26/10 14:19
Mercury		0.94	mg/kg-dry	0.050	92	80	120	0.5	20	

Qualifiers:
RL - Analyte reporting limit.
ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Hall Environmental
Project: 1001296

Report Date: 01/29/10
Work Order: C10010771

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
								Batch: 100129A-FLSHPNT-LIQ	
Method: SW1010A									
Sample ID: LCS1_100129A	Laboratory Control Sample				Run: PM_FLASHPOINT B_100128			01/29/10 12:14	
Flash Point (Ignitability)	90.9	°F	60	101	96	104			
- Flashpoint has been corrected for barometric pressure.									
Sample ID: MBLK1_100129A	Method Blank				Run: PM_FLASHPOINT B_100128			01/29/10 12:13	
Flash Point (Ignitability)	> 140	°F	60						
- Flashpoint has been corrected for barometric pressure.									

Qualifiers:
RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

Hall Environmental Analysis Laboratory, Inc.

QA/QC SUMMARY REPORT

Client: CH2M Hill
Project: KAFB Bulk Fuels
Work Order: 1001296

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml rb		*MBLK*					Batch ID: **R37121**		Analysis Date:	1/26/2010 9:13:04 AM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	1.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
Chlorobenzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								
Chloromethane	ND	µg/L	1.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: 03-Feb-10

QA/QC SUMMARY REPORT

Client: CH2M Hill
Project: KAFB Bulk Fuels
Work Order: 1001296

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml rb		*MBLK*				Batch ID:	**R37121**	Analysis Date:	1/26/2010 9:13:04 AM		
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Surr: 1,2-Dichloroethane-d4	8.927	µg/L	0	10	0	89.3	54.6	141			
Surr: 4-Bromofluorobenzene	9.199	µg/L	0	10	0	92.0	60.1	133			
Surr: Dibromofluoromethane	8.795	µg/L	0	10	0	87.9	78.5	130			
Surr: Toluene-d8	9.935	µg/L	0	10	0	99.3	79.5	126			
Sample ID: 100ng lcs		*LCS*				Batch ID:	**R37121**	Analysis Date:	1/26/2010 10:09:46 AM		
Benzene	20.63	µg/L	1.0	20	0	103	76.7	114			
Toluene	22.74	µg/L	1.0	20	0	114	78.4	117			
Chlorobenzene	21.85	µg/L	1.0	20	0	109	80.7	127			
1,1-Dichloroethene	21.95	µg/L	1.0	20	0	110	80.2	128			
Trichloroethene (TCE)	21.22	µg/L	1.0	20	0	106	77.4	115			
Surr: 1,2-Dichloroethane-d4	9.592	µg/L	0	10	0	95.9	54.6	141			
Surr: 4-Bromofluorobenzene	10.04	µg/L	0	10	0	100	60.1	133			
Surr: Dibromofluoromethane	9.311	µg/L	0	10	0	93.1	78.5	130			
Surr: Toluene-d8	10.08	µg/L	0	10	0	101	79.5	126			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

QA/QC SUMMARY REPORT

Client: CH2M Hill
Project: KAFB Bulk Fuels
Work Order: 1001296

Method: EPA Method 8270C: Semivolatiles
Sample ID: mb-21211 *MBLK* Batch ID: 21211 Analysis Date: 1/27/2010 2:57:51 PM

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	ND	µg/L	10								
Acenaphthylene	ND	µg/L	10								
Aniline	ND	µg/L	10								
Anthracene	ND	µg/L	10								
Azobenzene	ND	µg/L	10								
Benz(a)anthracene	ND	µg/L	10								
Benzo(a)pyrene	ND	µg/L	10								
Benzo(b)fluoranthene	ND	µg/L	10								
Benzo(g,h,i)perylene	ND	µg/L	10								
Benzo(k)fluoranthene	ND	µg/L	10								
Benzoic acid	ND	µg/L	20								
Benzyl alcohol	ND	µg/L	10								
Bis(2-chloroethoxy)methane	ND	µg/L	10								
Bis(2-chloroethyl)ether	ND	µg/L	10								
Bis(2-chloroisopropyl)ether	ND	µg/L	10								
Bis(2-ethylhexyl)phthalate	ND	µg/L	10								
4-Bromophenyl phenyl ether	ND	µg/L	10								
Butyl benzyl phthalate	ND	µg/L	10								
Carbazole	ND	µg/L	10								
4-Chloro-3-methylphenol	ND	µg/L	10								
4-Chloroaniline	ND	µg/L	10								
2-Chloronaphthalene	ND	µg/L	10								
2-Chlorophenol	ND	µg/L	10								
4-Chlorophenyl phenyl ether	ND	µg/L	10								
Chrysene	ND	µg/L	10								
Di-n-butyl phthalate	ND	µg/L	10								
Di-n-octyl phthalate	ND	µg/L	10								
Dibenz(a,h)anthracene	ND	µg/L	10								
Dibenzofuran	ND	µg/L	10								
1,2-Dichlorobenzene	ND	µg/L	10								
1,3-Dichlorobenzene	ND	µg/L	10								
1,4-Dichlorobenzene	ND	µg/L	10								
3,3'-Dichlorobenzidine	ND	µg/L	10								
Diethyl phthalate	ND	µg/L	10								
Dimethyl phthalate	ND	µg/L	10								
2,4-Dichlorophenol	ND	µg/L	20								
2,4-Dimethylphenol	ND	µg/L	10								
4,6-Dinitro-2-methylphenol	ND	µg/L	20								
2,4-Dinitrophenol	ND	µg/L	20								
2,4-Dinitrotoluene	ND	µg/L	10								
2,6-Dinitrotoluene	ND	µg/L	10								
Fluoranthene	ND	µg/L	10								
Fluorene	ND	µg/L	10								
Hexachlorobenzene	ND	µg/L	10								

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

QA/QC SUMMARY REPORT

Client: CH2M Hill
Project: KAFB Bulk Fuels
Work Order: 1001296

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles											
Sample ID: mb-21211		*MBLK*				Batch ID:	**21211**	Analysis Date:	1/27/2010 2:57:51 PM		
Hexachlorobutadiene	ND	µg/L	10								
Hexachlorocyclopentadiene	ND	µg/L	10								
Hexachloroethane	ND	µg/L	10								
Indeno(1,2,3-cd)pyrene	ND	µg/L	10								
Isophorone	ND	µg/L	10								
2-Methylnaphthalene	ND	µg/L	10								
2-Methylphenol	ND	µg/L	10								
3+4-Methylphenol	ND	µg/L	10								
N-Nitrosodi-n-propylamine	ND	µg/L	10								
N-Nitrosodimethylamine	ND	µg/L	10								
N-Nitrosodiphenylamine	ND	µg/L	10								
Naphthalene	ND	µg/L	10								
2-Nitroaniline	ND	µg/L	10								
3-Nitroaniline	ND	µg/L	10								
4-Nitroaniline	ND	µg/L	10								
Nitrobenzene	ND	µg/L	10								
2-Nitrophenol	ND	µg/L	10								
4-Nitrophenol	ND	µg/L	10								
Pentachlorophenol	ND	µg/L	20								
Phenanthrene	ND	µg/L	10								
Phenol	ND	µg/L	10								
Pyrene	ND	µg/L	10								
Pyridine	ND	µg/L	10								
1,2,4-Trichlorobenzene	ND	µg/L	10								
2,4,5-Trichlorophenol	ND	µg/L	10								
2,4,6-Trichlorophenol	ND	µg/L	10								
Surr: 2,4,6-Tribromophenol	170.5	µg/L	0	200	0	85.3	16.6	150			
Surr: 2-Fluorobiphenyl	66.06	µg/L	0	100	0	66.1	19.6	134			
Surr: 2-Fluorophenol	104.3	µg/L	0	200	0	52.1	9.54	113			
Surr: 4-Terphenyl-d14	61.48	µg/L	0	100	0	61.5	22.7	145			
Surr: Nitrobenzene-d5	70.08	µg/L	0	100	0	70.1	14.6	134			
Surr: Phenol-d5	79.98	µg/L	0	200	0	40.0	10.7	80.3			
Sample ID: lcs-21211		*LCS*				Batch ID:	**21211**	Analysis Date:	1/27/2010 4:30:38 PM		
Acenaphthene	87.72	µg/L	10	100	0	87.7	33.2	88.1			
4-Chloro-3-methylphenol	164.0	µg/L	10	200	0	82.0	26.5	101			
2-Chlorophenol	153.3	µg/L	10	200	0	76.7	27.5	88.7			
1,4-Dichlorobenzene	73.62	µg/L	10	100	0	73.6	27.2	74.1			
2,4-Dinitrotoluene	88.20	µg/L	10	100	0	88.2	32.6	107			
N-Nitrosodi-n-propylamine	72.10	µg/L	10	100	0	72.1	27.1	96.3			
4-Nitrophenol	144.3	µg/L	10	200	0	72.1	6.78	74.7			
Pentachlorophenol	182.9	µg/L	20	200	0	91.5	14.8	113			
Phenol	81.18	µg/L	10	200	0	40.6	17	53.4			
Pyrene	69.94	µg/L	10	100	0	69.9	27	96.3			
1,2,4-Trichlorobenzene	80.46	µg/L	10	100	0	80.5	30	77.9			S

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

QA/QC SUMMARY REPORT

Client: CH2M Hill
Project: KAFB Bulk Fuels
Work Order: 1001296

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles											
Sample ID: lcs-21211		*LCS*				Batch ID:	**21211**	Analysis Date:		1/27/2010 4:30:38 PM	
Surr: 2,4,6-Tribromophenol	191.7	µg/L	0	200	0	95.8	16.6	150			
Surr: 2-Fluorobiphenyl	77.38	µg/L	0	100	0	77.4	19.6	134			
Surr: 2-Fluorophenol	111.5	µg/L	0	200	0	55.8	9.54	113			
Surr: 4-Terphenyl-d14	59.42	µg/L	0	100	0	59.4	22.7	145			
Surr: Nitrobenzene-d5	75.20	µg/L	0	100	0	75.2	14.6	134			
Surr: Phenol-d5	88.94	µg/L	0	200	0	44.5	10.7	80.3			
Sample ID: lcsd-21211		*LCSD*				Batch ID:	**21211**	Analysis Date:		1/27/2010 5:00:31 PM	
Acenaphthene	92.70	µg/L	10	100	0	92.7	33.2	88.1	5.52	30.5	S
4-Chloro-3-methylphenol	163.2	µg/L	10	200	0	81.6	26.5	101	0.501	28.6	
2-Chlorophenol	157.4	µg/L	10	200	0	78.7	27.5	88.7	2.59	107	
1,4-Dichlorobenzene	80.44	µg/L	10	100	0	80.4	27.2	74.1	8.85	62.1	S
2,4-Dinitrotoluene	92.86	µg/L	10	100	0	92.9	32.6	107	5.15	14.7	
N-Nitrosodi-n-propylamine	75.40	µg/L	10	100	0	75.4	27.1	96.3	4.47	30.3	
4-Nitrophenol	159.5	µg/L	10	200	0	79.8	6.78	74.7	10.0	36.3	S
Pentachlorophenol	172.8	µg/L	20	200	0	86.4	14.8	113	5.70	49	
Phenol	91.60	µg/L	10	200	0	45.8	17	53.4	12.1	52.4	
Pyrene	71.04	µg/L	10	100	0	71.0	27	96.3	1.56	16.3	
1,2,4-Trichlorobenzene	78.86	µg/L	10	100	0	78.9	30	77.9	2.01	36.4	S
Surr: 2,4,6-Tribromophenol	202.5	µg/L	0	200	0	101	16.6	150	0	0	
Surr: 2-Fluorobiphenyl	73.88	µg/L	0	100	0	73.9	19.6	134	0	0	
Surr: 2-Fluorophenol	116.8	µg/L	0	200	0	58.4	9.54	113	0	0	
Surr: 4-Terphenyl-d14	59.18	µg/L	0	100	0	59.2	22.7	145	0	0	
Surr: Nitrobenzene-d5	79.86	µg/L	0	100	0	79.9	14.6	134	0	0	
Surr: Phenol-d5	86.34	µg/L	0	200	0	43.2	10.7	80.3	0	0	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name CH2 | Date Received: 1/21/2010

Work Order Number 1001296 | Received by: AT

Sample ID labels checked by: AT (Initials)

Checklist completed by: [signature] (Signature) 01/21/10 (Date)

Matrix: | Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	*<2 >12 unless noted below.*
Container/Temp Blank temperature?	**8.8°"**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: CH2M HILL

Mailing Address:

Phone #: 505 884-5600

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: KAFB Bulk Fuels

Project #: 382698

Project Manager: S. Minchak

Sampler: M. Brislin

On Ice: ☒ Yes ☐ No

Sample Temperature: 8-8

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1002916	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	RCRA 8 METALS	Flashpoint			Air Bubbles (Y or N)
~~1/21/10~~ MS																						
1/21	1320	Antifreeze	STIOG-ANTIFREEZE -21012010	G	HCL/none	-1										X	X	X	X			X

Date	Time	Relinquished by	Received by	Date	Time
1/21/10	1445	[signature]	[signature]	01/21/10	1445
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Used antifreeze from SVE systems

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Minchak, Sharon/ABQ

From: Schuman, George, NMENV [george.schuman@state.nm.us]
Sent: Friday, July 24, 2009 1:25 PM
To: Bitner, Ludie W Jr Civ USAF AFMC 377 MSG/CEANR
Cc: Holmes, Mark D Civ USAF AFMC 377 MSG/CEANR; Minchak, Sharon/ABQ
Subject: RE: Request for disposal of purge water

July 24, 2009

Mr. Bitner,

I received your e-mail dated July 24, 2009 that contained ground water analytical results from monitoring wells associated with the Bulk Fuels Facility. Approximately 800 gallons of purge water from monitoring wells KAFB-1061, 1062, 1064, 1067, 3411, 10611, 10612, 10613, 10615, 10616, 10617, 10619, and 10620 are stored in dedicated storage tanks and drums, and approximately 900 gallons of purge and development water from monitoring wells KAFB-10621, 10622, and 10623 are stored in a single poly tank.

My review of the lab results indicates that the ground water standards of 20.6.2.3103 NMAC are exceeded in the following wells: KAFB-10612 (benzene and manganese); KAFB-10617 (EDB); KAFB-10619 (EDB); KAFB-1061 (benzene and EDB); KAFB-10621 (EDB); and KAFB-10622 (EDB). Given the relatively small volumes of water contributed by each of these wells to the overall disposal volume, appreciable dilution of contaminant concentrations is expected upon disposal of the stored purge and development water. Further, the depth to ground water is substantial in the proposed disposal areas. It is therefore unlikely that discharge of the purge water will result in the exceedance of 20.6.2.3103 standards in ground water beneath the discharge locations. A Discharge Permit is not required for the discharge of this purge and development water at the storage or wellhead areas. Discharge of the purge water must occur as described in the letter from CH2M Hill dated July 23, 2009.

The July 23, 2009 letter from CH2M Hill also proposed a streamlined approach for the disposal of purge and development water. The NMED-GWQB has reviewed the proposed approach and approves of this approach with the following amendment: constituent concentrations must be compared to <u>all</u> ground water standards contained in Section 20.6.2.3103 NMAC, not just the human health-based standards. The method of disposal must follow previously approved practices, i.e., the water must be contained within the disposal area and must not entered storm drains, arroyos, or other surface water features.

Please contact me if you have any questions or require additional information.

Sincerely,

George Schuman
Manager, Ground Water Pollution Prevention Section NMED-GWQB

From: Bitner, Ludie W Jr Civ USAF AFMC 377 MSG/CEANR [mailto:Ludie.Bitner@kirtland.af.mil]
Sent: Friday, July 24, 2009 10:20 AM
To: Schuman, George, NMENV
Cc: Holmes, Mark D Civ USAF AFMC 377 MSG/CEANR; Sharon.Minchak@CH2M.com
Subject: Request for disposal of purge water

Mr. Schuman
I'm trying to tie up all the loose ends for Mark while he is on vacation. Please review the attached request and confirm that the disposal as described, is approved. In addition the final three paragraphs describe a new suggested approval method for disposals. It seems the suggested method would meet everyone's needs and streamline the current process. Be assured that pending your approval of the process, the current Kirtland AFB IDW Plan would be edited to reflect this particular change in procedure. Thanks for your consideration and please call if there are any questions.

Wayne Bitner
Chief, Environmental Restoration
ludie.bitner@kirtland.af.mil
505-853-3484
DSN 263-3484

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CH2M HILL
4041 Jefferson Plaza NE
Suite 200
Albuquerque, NM 87109
Tel 505.884.5600
Fax 505.883.7507

23 July 2009

Mr. Wayne Bitner
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-1064, KAFB-1067, KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10619, KAFB-10620, KAFB-10621, KAFB-10622, KAFB-10623 and KAFB-3411.

Dear Mr. Bitner:

During April of 2009, CH2M HILL conducted sampling activities for thirteen monitoring wells in association with the Bulk Fuels Facility. Additionally, during June of 2009 groundwater monitoring wells KAFB-10621, KAFB-10622, and KAFB-10623 were developed after their installation. CH2M HILL is requesting permission to dispose of purge water generated during the sampling of groundwater monitoring wells KAFB-1061, KAFB-1062, KAFB-1064, KAFB-1067, KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10619, KAFB-10620, KAFB-3411 and during the development and sampling of new wells KAFB-10621, KAFB-10622, and KAFB-10623.

The sampling activities took place from April 14th to April 24th and June 11th to June 27th. Table 1 contains details of the purge water quantity for each well. Monitoring wells KAFB-1061, KAFB-1062, and KAFB-3411 have dedicated purge water storage tanks. The proposed method of disposal of the water from these wells, and from well KAFB-1064 which has purge 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-1067, 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 these wells is currently contained in ten 55-gallon drums stored in the northwest corner of the Bulk Fuels Facility northern fence and west of Fuels Drive. Monitoring Wells KAFB-10621, KAFB-10622, and KAFB-10623 sampling and development water is currently being stored in a large poly-tank located next to the 55-gallon drums. The proposed disposal method of the water from these wells is discharge of the water from the drums onto the ground surface. 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 in April 2009 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. Groundwater samples analyzed in June 2009 were analyzed for organic compounds (VOCs) by EPA method 8260; 1,2-dibromoethane (EDB) and 1,2-dibromo-3-chloropropane (DBCP) by method 8011; and Total Petroleum Hydrocarbons (TPH) as gasoline range organics (GRO), and diesel range organics (DRO) by method 8015B. 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) for those compounds that have a NMWQCC-HHS standard. For those compounds that do not have a NMWQCC-HHS standard but do have a EPA maximum contaminant level (MCL) concentrations are compared to that value. Regulatory standards used for comparison are included in Table 2.

Some organic compounds were detected at concentrations that exceed applicable standards. Benzene was detected in groundwater samples collected from KAFB-10612 and KAFB-1061 at concentrations of 56.3 µg/L and 11.4 µg/L, respectively. The NMWQCC-HHS for benzene is 10 µg/L. EDB was detected in the April 2009 groundwater samples collected from KAFB-10617, KAFB-10619, KAFB-1061, KAFB-10621, and KAFB-10622 at concentrations of 2.9 J µg/L, 0.6 µg/L, 4.2 J µg/L, 0.52 E µg/L, and 0.89 E 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 exceeds the NMWQCC-HHS, KAFB-10612 accounts for only 55 of the 1,697 gallons of water proposed to be discharged onto the ground surface at the staging area. Additionally, although the EDB concentrations from KAFB-10617 and KAFB-10619 exceeds the NMWQCC-HHS, the water from KAFB-10617 and KAFB-10619 accounts for only 110 of the 1,697 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 MCL. Bis(2-ethylhexyl) phthalate was detected in April 2009 groundwater samples collected from KAFB-1064, KAFB-1067, KAFB-3411, and the KAFB-3411 duplicate sample at concentrations of 8.3 J µg/L, 12 µg/L, 11.3 µg/L, and 6.6 J µg/L respectively. The EPA MCL for bis(2-ethylhexyl) phthalate is 6 µg/L.

One organic compound, bromodichloromethane, that does not have either a NMWQCC-HHS or an EPA MCL, but is listed on the NMWQCC list of toxic pollutants (20.6.2.7 NMAC, September 26, 2004) was detected in the June 11, 2009 KAFB-10621 groundwater sample.

Dissolved manganese was detected in groundwater samples collected from all wells except KAFB-10621, KAFB-10622, and KAFB-10623. A dissolved manganese concentration, that exceeds the NMWQCC Other Standards for Domestic Water Supply of 0.2 mg/L, was detected in the April 23, 2009 sample collected from KAFB-10612 at a concentration of 0.953 mg/L. 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.

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.

Additionally, routine requests for the disposal of purge water and development water have been made on a regular basis for many years in association with this site. Groundwater concentrations for the various compounds have always been in the same general range throughout that time. In the interest of expediting disposal of the water, CH2M HILL is interested in inquiring if NMED-GWQB would allow the water to be disposed of immediately upon receipt of analytical data, assuming those data are consistent with prior quarters' contaminant of concern concentrations. The following guidelines are suggested for assessing whether analytical data meet the criteria of being consistent with prior quarters' data, and if water is appropriate for immediate disposal:

- Positively detected compound concentrations that are *greater* than an applicable NMWQCC-HHS or EPA MCL value are no more than 10% higher than the maximum previously detected concentration for that compound.
- Positively detected compound concentrations are *less* than an applicable NMWQCC-HHS or EPA MCL value.
- Positively detected compounds do not have an applicable NMWQCC-HHS or EPA MCL value.

CH2M HILL suggests that upon receipt of analytical data, purge water be evaluated for immediate discharge following the above guidelines instead of having requests and approvals between Kirtland AFB and NMED-GWQB made for each individual quarters' purge water. In the event analytical data indicate that water did not meet one of the above guidelines a specific request would be made to NMED-GWQB regarding that particular volume of water. To document overall disposal volumes, Kirtland AFB can prepare an annual letter presenting total volumes.

If Kirtland AFB is in agreement with this approach, CH2M HILL feels this will streamline the ability to dispose of purge water and further minimize the amount of time investigation-derived waste is held onsite. If further information or more formal criteria for evaluating the appropriateness of immediate disposal is required by NMED-GWQB CH2M HILL would be happy to work with Kirtland AFB to provide it.

Sincerely,

CH2M HILL, Inc.

Sharon L. Minchak

Sharon Minchak
Senior Project Manager

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.

c: Mr. Mark Holmes, KAFB CEANR

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-1061 & KAFB-1064	**120**	**ST106-GW-1061-27042009** **ST106-GW-1064-29042009**	On soil at well KAFB-1061 on the north side of Bulk Fuels Facility.
KAFB-1062	**72**	**ST106-GW-27042009**	On soil at well KAFB-1062 across Randolph Avenue from Building 1025.
KAFB-1067	**55**	**ST106-GW-28042009**	On soil at well KAFB-1067 inside fuel storage tank secondary containment berm.
KAFB-3411	**82**	**ST106-GW-27042009** **ST106-GW-27042009-DUP**	On soil at well KAFB-3411 on south side of Bulk Fuels Facility.
KAFB-10611	55	**ST106-GW-21042009**	On ground surface on northwest corner of the Bulk Fuels Facility, west of Fuels Drive.
KAFB-10612	55	**ST106-GW-10612-23042009**	
KAFB-10613	55	**ST106-GW-10613-24042009**	
KAFB-10615	83	**ST106-GW-10615-20042009**	
KAFB-10616	55	**ST106-GW-10616-21042009** **ST106-GW-10616-21042009-DUP**	
KAFB-10617	55	**ST106-GW-10617-23042009**	
KAFB-10619	55	**ST106-GW-10619-22042009**	
KAFB-10620	55	**ST106-GW-10620-24042009**	
KAFB-10621	300	**ST106-GW-10621-11062009**	
KAFB-10622	300	**ST106-GW-10622-19062009**	
KAFB-10623	300	**ST106-GW-10623-27062009**	

Table 2. Groundwater Analytical Results Summary, Bulk Fuels Facility Monitoring Wells, Kirtland AFB, New Mexico

Anlytical Method	Analyte	NMWQCC HHSs[a]	EPA MCL	KAFB-10611	KAFB-10612	KAFB-10613	KAFB-10615	KAFB-10616		KAFB-10617	KAFB-10619	KAFB-10620	KAFB-1061	KAFB-1062	KAFB-1064	KAFB-1067	KAFB-3411		KAFB-10621	KAFB-10622	KAFB-10623
				4/21/2009	4/23/2009	4/24/2009	4/20/2009	4/21/2009	4/21/2009	4/23/2009	4/22/2009	4/24/2009	4/27/2009	4/27/2009	4/29/2009	4/28/2009	4/27/2009	4/27/2009	6/11/2009	6/19/2009	6/27/2009
VOCs (µg/L) Method 8260	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-Trichloroethane	60	200	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1,2,2-Tetrachloroethane	10	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1,2-Trichloroethane	10	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1-Dichloroethane	25	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1-Dichloroethene	5	7	< 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
	1,2,3-Trichlorobenzene	NA	NA	< 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	< 1.2	< 1.2	< 1.2	< 1.2
	1,2,3-Trichloropropane	NA	NA	< 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	< 1.5	< 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	< 0	< 1	< 1
	1,2,4-Trimethylbenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	5	0.45 J	< 1
	1,2-Dichloroethane (EDC)	10	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0	< 1	< 1
	1,2-Dibromo-3-chloropropane[b]	NA	0.2	< 0.0198	< 0.0333	< 0.0199	< 0.02	< 0.0199	< 0.0196	< 0.0199	< 0.0199	< 0.0199	< 0.0199	< 0.0198	< 0.0199	< 0.0196	< 0.02	< 0.02	0.02 U	0.0197 U	0.0196 U
	1,2-Dibromoethane (EDB)[b]	0.1	0.05	0.03	< 0.0333	< 0.0199	< 0.02	< 0.0199	< 0.0196	**2.9 J**	**0.6**	< 0.0199	**4.2 J**	< 0.0198	< 0.0199	< 0.0196	< 0.02	< 0.02	**0.52 E**	**0.89 E**	0.0196 U
	1,2-Dichlorobenzene	NA	600	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,2-Dichloropropane	NA	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,3,5-Trimethylbenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.28 J	< 1	< 1	< 1	< 1	< 1	< 1	2.4	0.32 J	< 1
	1,3-Dichlorobenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 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	< 1
	1,4-Dichlorobenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	2,2-Dichloropropane	NA	NA	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	2-Chlorotoluene	NA	NA	< 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
	4-Chlorotoluene	NA	NA	< 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
	Acetone	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	Benzene	10	5	< 1	**56.3**	< 1	< 1	< 1	< 1	1.3	< 1	1.1	**11.4**	< 1	< 1	< 1	< 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
	Bromochloromethane	NA	NA	< 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	0.16 J	< 1	< 1
	Bromoform	NA	NA	< 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	< 2	< 2
	Carbon Disulfide	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Carbon tetrachloride	10	5	< 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
	Chloroethane	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Chloroform	100	NA	< 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
	cis-1,2-Dichloroethene	NA	70	< 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
	Dibromochloromethane	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.36 J	< 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	< 1.2
	Dichlorodifluoromethane	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Ethylbenzene	750	nA	< 1	2.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.69 J	< 1	< 1	< 1	< 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
	Isopropylbenzene	NA	NA	< 1	2.6	< 1	< 1	< 1	< 1	< 1	0.51 J	4.4	< 1	< 1	< 1	< 1	1.7	1.6	1.2	0.64 J	< 1
	Xylene, m-, p-	620[d]	NA	< 2	0.29 J	< 2	< 2	< 2	< 2	< 2	0.7 J	< 2	2.3	< 2	< 2	< 2	< 2	< 2	8.1	2.3	< 2
	2-Butanone (MEK)	NA	NA	6.1	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
	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
	Methylene chloride	100	NA	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	n-Butylbenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	n-Propylbenzene	NA	NA	< 1	0.62 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Naphthalene	30 [c]	NA	0.12 J	< 1	< 1	< 1.1	< 1.1	< 1	< 1	0.11 J	< 1	0.13 J	< 1	< 1	< 1.1	< 1.1	< 1	< 1	< 1	< 1
	Xylene, o-	620[d]	NA	< 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
	sec-Butylbenzene	NA	NA	< 1	0.68 J	< 1	< 1	< 1	< 1	< 1	< 1	0.64 J	< 1	< 1	< 1	< 1	< 1	0.31 J	< 1	< 1	< 1
	Styrene	NA	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Trichloroethene	100	5	< 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
	Tetrachloroethene	20	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Toluene	750	1000	131	10.9	12.1	15	42.8	40.9	9.3	42.7	9.7	19.1	< 1	< 1	< 1	< 1	< 1	37.9	25.8	20.9
	trans-1,2-Dichloroethene	NA	NA	< 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
	Trichlorofluoromethane	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Vinyl chloride	1	2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Xylenes, Total	620[d]	1000	< 3	0.29 J	< 3	< 3	< 3	< 3	< 3	0.7 J	< 3	3.4	< 3	< 2	< 3	< 3	< 3	8.1	2.3 J	< 3
SVOCs (µg/L) Method 8270	1,3-Dinitrobenzene	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	1-Methylnaphthalene	30 [c]	NA	< 1	< 1	< 1	< 1.1	< 1.1	< 1	< 1	0.14 J	< 1	0.085 J	< 1	< 1	< 1.1	0.046 J	0.044 J	NS	NS	NS
	2,4,5-Trichlorophenol	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	2,4,6-Trichlorophenol	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	2,4-Dimethylphenol	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	2,4-Dinitrophenol	NA	NA	< 63.2	< 63.5	< 63.5	< 62.5	< 63.2	< 63.2	< 66.7	< 63.2	< 63.2	< 63.2	< 61.2	< 61.2	< 61.5	< 63.2	< 61.5	NS	NS	NS
	2,4-Dinitrotoluene	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	2,6-Dinitrotoluene	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	2-Chloronaphthalene	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	2-Chlorophenol	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	2-Methylnaphthalene	30 [c]	NA	< 1	< 1	< 1	< 1.1	< 1.1	< 1	< 1	0.1 J	< 1	< 1	< 1	< 1	< 1.1	< 1.1	< 1	NS	NS	NS
	2-Methylphenol	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	2-Nitroaniline	NA	NA	< 52.6	< 52.9	< 52.9	< 52.1	< 52.6	< 52.6	< 55.6	< 52.6	< 52.6	< 52.6	< 51	< 51	< 51.3	< 52.6	< 51.3	NS	NS	NS
	2-Nitrophenol	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	3,3'-Dichlorobenzidine	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	3-Nitroaniline	NA	NA	< 52.6	< 52.9	< 52.9	< 52.1	< 52.6	< 52.6	< 55.6	< 52.6	< 52.6	< 52.6	< 51	< 51	< 51.3	< 52.6	< 51.3	NS	NS	NS

Table 2. Groundwater Analytical Results Summary, Bulk Fuels Facility Monitoring Wells, Kirtland AFB, New Mexico

Anlytical Method	Analyte	NMWQCC HHSs[a]	EPA MCL	KAFB-10611	KAFB-10612	KAFB-10613	KAFB-10615	KAFB-10616		KAFB-10617	KAFB-10619	KAFB-10620	KAFB-1061	KAFB-1062	KAFB-1064	KAFB-1067	KAFB-3411		KAFB-10621	KAFB-10622	KAFB-10623
				4/21/2009	4/23/2009	4/24/2009	4/20/2009	4/21/2009	4/21/2009	4/23/2009	4/22/2009	4/24/2009	4/27/2009	4/27/2009	4/29/2009	4/28/2009	4/27/2009	4/27/2009	6/11/2009	6/19/2009	6/27/2009
SVOCs (µg/L) Method 8270	4,6-Dinitro-2-methylphenol	NA	NA	< 63.2	< 63.5	< 63.5	< 62.5	< 63.2	< 63.2	< 66.7	< 63.2	< 63.2	< 63.2	< 61.2	< 61.2	< 61.5	< 63.2	< 61.5	NS	NS	NS
	4-Bromophenyl phenyl ether	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	4-Chloro-3-methylphenol	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	4-Chloroaniline	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	4-Chlorophenyl phenyl ether	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	4-Methylphenol	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	4-Nitroaniline	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	4-Nitrophenol	NA	NA	< 52.6	< 52.9	< 52.9	< 52.1	< 52.6	< 52.6	< 55.6	< 52.6	< 52.6	< 52.6	< 51	< 51	< 51.3	< 52.6	< 51.3	NS	NS	NS
	Benzidine	NA	NA	< 158	< 159	< 159	< 156	< 158	< 158	< 167	< 158	< 158	< 158	< 153	< 153	< 154	< 158	< 154	NS	NS	NS
	Benzoic acid	NA	NA	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	NS	NS	NS
	Bis (2-chloroethoxy) methane	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Bis (2-chloroethyl) ether	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Bis (2-ethylhexyl) phthalate	NA	6	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	**8.3 J**	**12**	**11.3**	**6.6 J**	NS	NS	NS
	Butyl benzylphthalate	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	Di-n-butylphthalate	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	Di-n-octylphthalate	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	Dibenzofuran	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Diethyl phthalate	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Dimethyl phthalate	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Hexachlorobenzene	NA	1	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Hexachlorocyclopentadiene	NA	50	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Hexachloroethane	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	n-Nitrosodi-n-propylamine	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	n-Nitrosodiphenylamine	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Nitrobenzene	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	Pentachlorophenol	NA	1	< 63.2	< 63.5	< 63.5	< 62.5	< 63.2	< 63.2	< 66.7	< 63.2	< 63.2	< 63.2	< 61.2	< 61.2	< 61.5	< 63.2	< 61.5	NS	NS	NS
	Phenol	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
PAHs (µg/L) Method 8310	Acenaphthene	NA	NA	< 1	< 1	< 1	< 1.1	< 1.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1	< 1.1	< 1	NS	NS	NS
	Acenaphthylene	NA	NA	< 1	< 1	< 1	< 1.1	< 1.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1	< 1.1	< 1	NS	NS	NS
	Anthracene	NA	NA	< 0.32	< 0.31	< 0.32	< 0.33	< 0.32	< 0.31	0.04 J	< 0.31	< 0.32	< 0.3	< 0.3	< 0.31	< 0.32	< 0.32	< 0.32	NS	NS	NS
	Benz(a)anthracene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Benzo(a)pyrene	0.7	0.2	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Benzo(b)fluoranthene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Benzo(g,h,i)perylene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Benzo(k)fluoranthene	NA	NA	< 0.16	< 0.15	< 0.16	< 0.16	< 0.16	< 0.15	< 0.15	< 0.15	< 0.16	< 0.15	< 0.15	< 0.1	< 0.16	< 0.16	< 0.16	NS	NS	NS
	Chrysene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Dibenz(a,h)anthracene	NA	NA	< 0.32	< 0.31	< 0.32	< 0.33	< 0.32	< 0.31	< 0.31	< 0.31	< 0.32	< 0.3	< 0.3	< 0.31	< 0.32	< 0.32	< 0.32	NS	NS	NS
	Fluoranthene	NA	NA	< 0.42	< 0.42	< 0.42	< 0.43	< 0.42	< 0.42	< 0.42	< 0.41	< 0.42	< 0.41	< 0.41	< 0.41	< 0.42	< 0.42	< 0.42	NS	NS	NS
	Fluorene	NA	NA	< 0.32	< 0.31	< 0.32	< 0.33	< 0.32	< 0.31	< 0.31	< 0.31	< 0.32	< 0.3	< 0.3	< 0.31	< 0.32	< 0.32	< 0.32	NS	NS	NS
	Indeno(1,2,3-cd)pyrene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Phenanthrene	NA	NA	< 0.32	< 0.31	< 0.32	< 0.33	< 0.32	< 0.31	0.24 J	< 0.31	< 0.32	< 0.3	< 0.3	< 0.31	< 0.32	< 0.32	< 0.32	NS	NS	NS
	Pyrene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
TPH (µg/L) Method 8015	Diesel Range Organics (C10-C28)	--	--	70 J	62 J	100 J	84 J	77 J	82 J	59 J	< 263	< 260	< 255	< 252	< 256	< 260	< 267	70 J	420	0.34 B	0.24 JB
	Gasoline Range Organics	--	--	370	480 J	80 J	60 J	110	110	< 64	140	1200 J	140 J	98 J	< 64	68 J	400 J	380 J	64 U	0.06 J	0.044 J
Metals (mg/L) Method 6010	Iron, dissolved	1	NA	< 0.1	0.171	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NS	NS	NS
	Manganese, dissolved	0.2	NA	0.0185	**0.953**	0.0375	0.00201 J	0.0126	0.0129	0.000782 J	0.00147 J	0.0118	0.0559	0.013	0.000645 J	0.000559 J	0.187	0.186	NS	NS	NS
Anions (mg/L) Method 300.0	Nitrate[e]	10	10	0.14 J	0.037 J	0.12 J	0.42 J	0.11 J	0.11 J	0.29 J	0.12 J	0.14 J	0.067 J	0.26 J	0.97 J	0.37 J	0.027 J	< 10	NS	NS	NS
	Sulfate	600	NA	28	51.8	31.9	28.3	27.2	27	36.2	45.4	44.8	26	34.3	47.8	32.2	41.2	41.3	NS	NS	NS

a. New Mexico Water Quality Control Commission (WQCC) Regulations. Concentrations exceeding standards shown in **BOLD.**
b. Samples analyzed for EDB and DBCP using Method 8260 and 504.1, or 8011. Table includes only Method 504.1 and 8011 results because these methods have lower quantitation limits.
NA = Not applicable NS = Not sampled
c. The WQCC regulation for PAHs of 30 µg/L is a total of the concentraions of naphthalene, 1-methylnaphthalene, and 2-metylnapthalene.
d. The WQCC regulation for total xylenes of 620 µg/L, includes m, p, and o-Xylenes.
e. Nitrate/Nitrite has an NMED HWB Approved Background Concentration, SNL/Kirtland AFB, Chemical Constituents in Groundwater of 4.0 mg/L. Concentrations exceeding background shown in italics.
J = The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet the quality control criteria. The presence or absence of the analyte cannot be verified.
U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ = The analyte was below the reported sample quantitation limit. However, the reported value is approximate.
mg/l = Milligrams per Liter
ug/l = Micrograms per Liter
Shading indicates the analyte was detected

APPENDIX E

Bulk Fuels Facility
Well Construction Report
Fourth Quarter 2009 and First Quarter 2010

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1 Well Installation Field Data
2 Office Of The State Engineer Documentation
3 Investigation Derived Waste Disposal Documentation

FIGURES

Figure **Page**

1 Location of Groundwater Monitoring Wells 3

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
GWQB	Ground Water Quality Bureau
I.D.	inside diameter
IDW	investigation-derived waste
MCL	maximum contaminant 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
PID	photoionization detector
PSH	phase separated hydrocarbon
PVC	polyvinyl chloride
SVOC	semi-volatile organic compound
TCLP	Toxicity Characteristic Leaching Procedure
TPH	total petroleum hydrocarbons
USAF	United States Air Force
VOC	volatile organic compound

1.0 INTRODUCTION

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 off base areas north of the Kirtland Air Force Base (AFB) boundary. Additional investigation activities were undertaken during this reporting period, including installation of one additional monitoring well to further delineate dissolved phase impacts to groundwater.

1.1.1 Groundwater Monitoring Well Installation

During the fourth quarter of 2009, field work was conducted to install one additional groundwater monitoring well in association with the Bulk Fuels Facility investigation. Well installation proceeded according to the *Stage 2 Abatement Plan Modification* (USAF, 2007) and the November 2009 *Stage 2 Abatement Plan Modification Addendum* (USAF, 2009) approved by the New Mexico Environment Department (NMED) Ground Water Quality Bureau (GWQB). The new well, designated KAFB-10625, was completed during December 2009 and supplements the other existing 24 site groundwater monitoring wells. The location of the new well that was completed during the reporting period are illustrated on Figure 1 along with the locations of the existing site wells.

The installation of well KAFB-10625 supports the continuing investigation to delineate the nature and extent of dissolved-phase groundwater impacts that extend out from the PSH body. Groundwater sample results for the new well, both the post-development sample and the first quarterly sample collected as part of the first quarter 2010 groundwater sampling event were collected during this reporting period and are discussed with all other groundwater monitoring data in Section 3.3.

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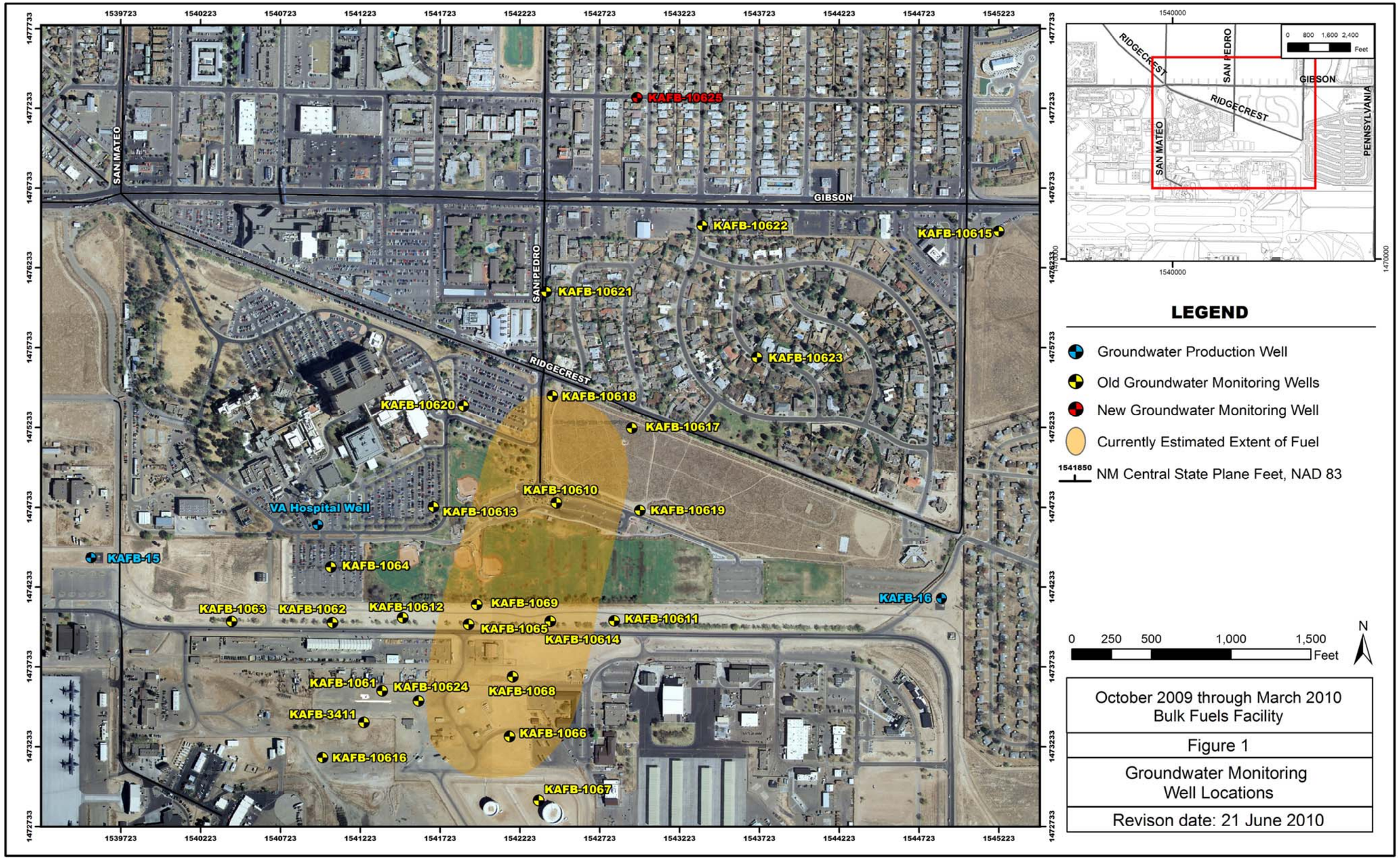
SAN MATEO
SAN PEDRO
GIBSON
RIDGECREST
PENNSYLVANIA
KAFB-10625
KAFB-10622
KAFB-10615
KAFB-10621
KAFB-10623
KAFB-10618
KAFB-10620
KAFB-10617
KAFB-10610
KAFB-10613
KAFB-10619
VA Hospital Well
KAFB-15
KAFB-1064
KAFB-1063
KAFB-1062
KAFB-10612
KAFB-1069
KAFB-1065
KAFB-10611
KAFB-10614
KAFB-16
KAFB-1061
KAFB-10624
KAFB-1068
KAFB-3411
KAFB-1066
KAFB-10616
KAFB-1067
LEGEND
Groundwater Production Well
Old Groundwater Monitoring Wells
New Groundwater Monitoring Well
Currently Estimated Extent of Fuel
NM Central State Plane Feet, NAD 83
0 250 500 1,000 1,500 Feet
N
October 2009 through March 2010
Bulk Fuels Facility
Figure 1
Groundwater Monitoring
Well Locations
Revison date: 21 June 2010

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2.0 WELL INSTALLATION ACTIVITIES

The following field activities were conducted as part of the groundwater monitoring well installation conducted during this reporting period:

- Borehole drilling and lithologic logging for one monitoring well borehole;
- Installing one groundwater monitoring well in the regional aquifer;
- Developing one groundwater monitoring well, KAFB-10625;
- Collecting and analyzing a groundwater sample following well development at KAFB-10625;
- Sampling investigation-derived waste (IDW), including soil drill cuttings and development water;
- Disposing of soil drilling cuttings at the Kirtland AFB Construction and Demolition (C&D) landfill; and
- Review of well development water sample results for discharge and disposal.

2.1 Installation of Monitoring Well KAFB-10625

Off-base drilling activities for monitoring well KAFB-10625 began on December 2, 2009 and drilling and well construction activities were completed by December 9, 2009. Wells KAFB-10625 was drilled using the air-rotary casing hammer (ARCH) drilling method. The ARCH borehole were drilled by advancing an 11-3/4-inch outside diameter (O.D.) temporary steel casing to a depth of 160 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 to the total depth of the boreholes. The well KAFB-10625 borehole was located off of Kirtland AFB and substantially outside the source area. Therefore, subsurface soil characteristics and geology were logged from the drill cuttings only; no discrete soil samples for lithologic description or laboratory analysis were collected during borehole advancement. However, drill cuttings 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.

The regional water table was encountered at approximately 465 ft bgs during drilling at the well location. The KAFB-10625 borehole was drilled to a depth of 505 ft to accommodate the construction of the monitoring well. Subsurface soil characteristics were logged by the onsite geologist; the borehole geologic logs are provided in Attachment 1.

The new monitoring well was 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 PVC with a 5-ft sump. A silica sand pack (10/20 Colorado silica sand) was installed around the screened interval to 2 ft above the top of the screen. Transition sand (20/40 Colorado silica sand) was installed to 2 ft above the top of the sand pack. Approximately 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 50 ft bgs. Portland cement was installed into the annular space from 50 ft bgs to the ground surface. A 2-ft by 2-ft concrete pad and 12-inch diameter steel well vault was installed as a flush mounted surface well completion. A monitoring well construction diagram is provided in Attachment 1.

The monitoring well was developed by mechanical bailing, swabbing, and over-pumping until the fine grained sediment was removed from the well and water quality parameters had stabilized. The well development log for KAFB-10625 is provided in Attachment 1.

The groundwater monitoring well was installed in compliance with NMED and New Mexico Office of the State Engineer (OSE) applicable regulations (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 is included as Attachment 2.

During March 2010 the wellhead of the new well was damaged during roadway construction being conducted by the Albuquerque Bernalillo Country Water Utility Authority. Further assessment and repair of the well condition and re-development of the well was scheduled for April 2010.

Well KAFB-10625 was surveyed in May 2010 along with the other wells that were installed in April and May 2010. Although the survey occurred after the reporting period the survey data are included here for completeness in Attachment 1.

2.2 Groundwater Sampling

Immediately following well installation and development, a post-development groundwater sample was collected from monitoring well KAFB-10625. A groundwater sample was again collected as part of the regularly scheduled site-wide first quarter groundwater sampling event in January 2010 the results of which are described in Section 3 of this report.

The January 2009 post-development samples from KAFB-10625 was analyzed for total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (DRO) by United States Environmental Protection Agency (EPA) Method SW846-8015B, 1,2-dibromoethane (EDB) by EPA Method 8011, and VOCs by EPA Method SW846-8260. This limited parameter suite was analyzed for the post-development sample because inclusion of this well in the first quarter sampling event was anticipated within roughly a month of installation. 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). The compound EDB was the only compound detected at a concentration that exceeded applicable regulatory levels, the EPA MCL. Complete analytical results for post-development samples are included in Appendix B with all other reporting period analytical data.

2.3 Investigation-Derived Waste

The 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 well, and decontamination water generated during the decontamination of the drilling and development equipment

2.3.1 Soil Drill Cuttings

Approximately 40 cubic yards of soil were generated during well drilling activities. The soil was staged on Kirtland AFB at the Bulk Fuels Facility in two 20-cubic yard roll-off containers. One composite soil sample was collected, following the drilling, from the soil cuttings produced from the well. The

composite sample was 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 herbicides by EPA Method SW8151, TCLP pesticides by EPA Method SW8081, TCLP metals by EPA Method 6010F, and ignitability analysis.

Based on these analytical results, the soil drill cuttings from KAFB-10625 was found to be appropriate for disposal at the Kirtland AFB 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 January 14, 2010. Transportation and disposal of these soil drill cuttings was completed on January 27, 2010. The soil disposal requests and approval are provided in Attachment 3.

2.3.2 Well Development Water

Approximately 300 total gallons of groundwater were bailed or pumped from monitoring well KAFB-10625. The development water was placed in a 1,500 gallon storage tank that was staged on Kirtland AFB at the Bulk Fuels Facility. In July 2009 Kirtland AFB requested of NMED that if analytical data for purge water indicated that all positively detected compounds were of similar concentration to those that had been previously detected, and approved by the NMED, for surface disposal at the site, the water would be immediately disposed of upon receipt of analytical data. Based on review of the post-development sample data the development water was disposed of by discharging the water to the ground where it had been staged. The Kirtland AFB letter requesting approval of this disposal process and the NMED-GWQB approval of the process are included in Attachment 3.

2.3.3 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 the well; the decontamination water was allowed to evaporate.

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3.0 SUMMARY AND CONCLUSIONS

Regional aquifer monitoring well KAFB-10625 was installed in an off base location north of Kirtland AFB. The purpose for installing this monitoring well was to further delineate the lateral extent of groundwater impacts resulting from migration of petroleum hydrocarbon compounds from the Bulk Fuels Facility.

The installation of well KAFB-10625 supports the continuing investigation to delineate the nature and extent of dissolved-phase groundwater impacts that extend out from the PSH body. The specific analytical results from well KAFB-10625 are discussed in Section 3. However, well KAFB-10625 had no detected PSH on the groundwater surface. Additionally, the only dissolved phase fuel constituents detected at KAFB-10625 was EDB detected just above the EPA MCL.

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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.

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, 2009. *Stage 2 Abatement Plan Modification Addendum (ST-106)*. U.S. Air Force, Kirtland Air Force Base, New Mexico. November.

USAF, 2007. *Stage 2 Abatement Plan Modification, Bulk Fuels Facility (ST-106)*. U.S. Air Force, Kirtland Air Force Base, New Mexico. August 1.

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ATTACHMENT 1

WELL INSTALLATION FIELD DATA

Soil Boring Log
Well Completion Diagram
Well Development Log
Survey Data

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 1 OF 9

SOIL BORING LOG

PROJECT :	TO96 Drilling, KAFB Bulk Fuels	LOCATION :	California & Eastern SE
ELEVATION :		COORDINATES :	
DRILLING METHOD AND EQUIPMENT USED :	Star 30K DH Arch Rig	DRILLING CONTRACTOR :	WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :	START : 12/2/09 14:15	END : 12/5/09 15:30	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						12/2/2009
					NO SAMPLE COLLECTED	14:15 Start Drilling
			X			
				20' 11-3/4" casing		
10		GOOD	Grab		WELL GRADED SAND, (SW), Brown, Predominantly fine-med grained sand, Dry, Non- plastic, Trace fine gravel	
20		GOOD	Grab		SAME AS ABOVE, Med. coarse grained sand	15:05 Drilling 20-40'
				20' 11-3/4" casing		
30		GOOD	Grab		WELL GRADED SAND WITH SILT & GRAVEL, (SW-SM), Brown, Dry, Non-plastic	
40						15:50 Making 40-60' connection
					NO SAMPLE COLLECTED	16:30 Drilling 40-60'
			X			
				20' 11-3/4" casing		
50		GOOD	Grab		SANDY SILT, (ML), Reddish brown, Damp, Non-plastic, Trace fine gravel	
						17:00 at 60' Done for day

* No Monsell book, colors estimated

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 2 OF 9

SOIL BORING LOG

PROJECT :	TO96 Drilling, KAFB Bulk Fuels	LOCATION :	California & Eastern SE
ELEVATION :		COORDINATES :	
DRILLING METHOD AND EQUIPMENT USED :	Star 30K DH Arch Rig	DRILLING CONTRACTOR :	WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :	START : 12/2/09 14:15	END : 12/5/09 15:30	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		GOOD	Grab	20' 11-3/4" casing	SANDY SILT WITH GRAVEL, (ML), Reddish brown, Damp, Non-plastic	12/3/2009 08:07 Making 60-80' connection
70		GOOD	Grab		SANDY SILT, (ML), Reddish brown, Damp, Non-plastic, Trace fine gravel	
80		GOOD	Grab	20' 11-3/4" casing	SAME AS ABOVE	08:40 at 80' 08:47 Making 80-100' connection 08:58 Drilling to 100'
90		GOOD	Grab		SAME AS ABOVE, No gravel	
100		GOOD	Grab	20' 11-3/4" casing	SILT, (ML), Light reddish brown, Dry, Non-plastic, Trace fine gravel	09:20 Making 100-120' connection
110		GOOD	Grab		SAME AS ABOVE	09:40 at 120'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 3 OF 9

SOIL BORING LOG

PROJECT :	TO96 Drilling, KAFB Bulk Fuels	LOCATION :	California & Eastern SE
ELEVATION :		COORDINATES :	
DRILLING METHOD AND EQUIPMENT USED :	Star 30K DH Arch Rig	DRILLING CONTRACTOR :	WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :	START : 12/2/09 14:15	END : 12/5/09 15:30	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		FAIR	Grab		ELASTIC SILT, (MH), Brown, Damp, Low plasticity	12/3/2009 09:45 Making 120-140' connection
				20' 11-3/4" casing		09:55 Drilling to 140'
130		FAIR	Grab		WELL GRADED SAND WITH SILT, (SWSM), Light brown, Fine - med. grained sand, Dry, Loose	
						Hose clogged
140		FAIR	Grab		WELL GRADED SAND, (SW), Light brown, Damp, Loose	10:40 Making 140-160' connection
				20' 11-3/4" casing		Drill pipe stuck
150		FAIR	Grab		POORLY GRADED SAND, (SP), Light brown, Med-grained, Damp, Loose	
160			Grab		SAME AS ABOVE, Fine grained	13:10 at 160' 12/4/2009 9:50 Making 160-180' connection. Mark Green Drilling 12/5/2009
				20' 9-5/8" casing		
170			Grab		WELL GRAINED SAND WITH SILT, (SW-SM), Brown, Moist	
						10:07 at 180'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 4 OF 9

SOIL BORING LOG

PROJECT :	TO96 Drilling, KAFB Bulk Fuels	LOCATION :	California & Eastern SE
ELEVATION :		COORDINATES :	
DRILLING METHOD AND EQUIPMENT USED :	Star 30K DH Arch Rig	DRILLING CONTRACTOR :	WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :	START : 12/2/09 14:15	END : 12/5/09 15:30	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			Grab	20' 9-5/8" casing	WELL GRADED GRAVEL WITH SAND, (GW), Brown, Moist	12/5/2009 10:17 making 180-200' connection
190			Grab		WELL GRADED SAND WITH GRAVEL, (SW), Brown, Med. coarse grained sand, Moist	
200			Grab	20' 9-5/8" casing	WELL GRADED SAND (SW), Light brown, Med-coarse grained sand, Moist, Loose	11:34 at 200' 11:35 Making 200- 220' connection
210			Grab		WELL GRADED GRAVEL WITH SAND, (GW), Fine grained gravel, Moist, Sub-rounded	
220			Grab	20' 9-5/8" casing	SAME AS ABOVE	11:46 Making 220-240' connection
230			Grab		POORLY GRADED FINE SAND, (SP), Light Brown, Dry	

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 5 OF 9

SOIL BORING LOG

PROJECT :	TO96 Drilling, KAFB Bulk Fuels	LOCATION :	California & Eastern SE
ELEVATION :		COORDINATES :	
DRILLING METHOD AND EQUIPMENT USED :	Star 30K DH Arch Rig	DRILLING CONTRACTOR :	WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :	START : 12/2/09 14:15	END : 12/5/09 15:30	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)
240			Grab		WELL GRADED SAND, (SW), Brown, Med-coarse grained, Dry, Loose	12/5/2009
				20' 9-5/8" casing		
250		FAIR	Grab		CLAY WITH SAND, (CL), Brown, Fine grained sand, Moist Med-plasticity	
260			Grab		WELL GRADED SAND, (SW), Brown, Damp, Loose	12:38 at 260' Making 260-280' connection 12:42 drilling to 280'
				20' 9-5/8" casing		
270			Grab		SAME AS ABOVE	
280			Grab		SAME AS ABOVE	12:54 AT 280'
				20' 9-5/8" casing		
290			Grab		WELL GRADED SAND WITH GRAVEL, (SW), Brown, Moist	

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 6 OF 9

SOIL BORING LOG

PROJECT :	TO96 Drilling, KAFB Bulk Fuels	LOCATION :	California & Eastern SE
ELEVATION :		COORDINATES :	
DRILLING METHOD AND EQUIPMENT USED :	Star 30K DH Arch Rig	DRILLING CONTRACTOR :	WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :	START : 12/2/09 14:15	END : 12/5/09 15:30	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		GOOD	Grab	20' 9-5/8" casing	WELL GRADED GRAVEL WITH SAND, (GW), Brown Poorly graded med. grained sand, Moist, Sub-rounded gravel	12/5/2009 13:06 Making 300-320' connection
310		GOOD	Grab		WELL GRADED SAND WITH FINE GRAVEL, (SW), Brown Med-coarse grained sand, Moist	
320		GOOD	Grab	20' 9-5/8" casing	WELL GRADED SAND, (SW), Brown, Moist, Loose	13:22 Making 320-340' connection
330		GOOD	Grab		WELL GRADED SAND WITH GRAVEL, (SW), Brown Moist, Loose	
340			Grab	20' 9-5/8" casing	SAME AS ABOVE, Predominately fine to med-grained sand	13:30 at 340' making 340-360' connection
350			Grab		SAME AS ABOVE, Med-coarse grained sand	13:44 at 360'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 7 OF 9

SOIL BORING LOG

PROJECT :	TO96 Drilling, KAFB Bulk Fuels	LOCATION :	California & Eastern SE
ELEVATION :		COORDINATES :	
DRILLING METHOD AND EQUIPMENT USED :	Star 30K DH Arch Rig	DRILLING CONTRACTOR :	WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :	START : 12/2/09 14:15	END : 12/5/09 15:30	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		GOOD	Grab	20' 9-5/8" casing	WELL GRADED SAND WITH GRAVEL (40%), (SW), Brown, Damp	12/5/2009 13:46 Making 360-380' connection
370		GOOD	Grab		SAME AS ABOVE, No gravel	
380		GOOD	Grab	20' 9-5/8" casing	SAME AS ABOVE, No gravel	13:57 Making 380-400' connection
390		GOOD	X		NO SAMPLE COLLECTED	
400		GOOD	Grab	20' 9-5/8" casing	WELL GRADED SAND, (SW), Light brown, Fine to med. grained sand, Damp, Loose	14:10 Making 400-420' connection
410		GOOD	Grab		SAME AS ABOVE	

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 8 OF 9

SOIL BORING LOG

PROJECT :	TO96 Drilling, KAFB Bulk Fuels	LOCATION :	California & Eastern SE
ELEVATION :		COORDINATES :	
DRILLING METHOD AND EQUIPMENT USED :	Star 30K DH Arch Rig	DRILLING CONTRACTOR :	WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :	START : 12/2/09 14:15	END : 12/5/09 15:30	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)
420		GOOD	Grab	20' 9-5/8" casing	WELL GRADED SAND, (SW), Light brown, Fine to med. grained sand, Damp, Loose	12/5/2009 14:22 Drilling to 440'
430		FAIR	Grab		CLAY WITH SAND, (CH), Brown, Moist, Med-plasticity	
440		GOOD	Grab	20' 9-5/8" casing	WELL GRADED SAND WITH SILT (SWSM), Light brown Fine grained sand, Moist	14:41 Making 440-460' connection
450		GOOD	Grab		WELL GRADED SAND, (SW), Light brown, Fine to med-grained sand, Moist, Loose	
460		GOOD	Grab	20' 9-5/8" casing	POORLY GRADED SAND (SP), Light brown, Coarse grained sand, Damp, Loose	14:53 at 460' 15:00 Drilling to 480'
470		GOOD	Grab		WELL GRADED SAND, (SW), Brown, Moist, Loose	15:07 at 480'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 9 OF 9

SOIL BORING LOG

PROJECT :	TO96 Drilling, KAFB Bulk Fuels	LOCATION :	California & Eastern SE
ELEVATION :		COORDINATES :	
DRILLING METHOD AND EQUIPMENT USED :	Star 30K DH Arch Rig	DRILLING CONTRACTOR :	WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :	START : 12/2/09 14:15	END : 12/5/09 15:30	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)
480		GOOD	Grab		WELL GRADED SAND WITH GRAVEL, (SW), Brown, Wet	12/5/2009 15:11 Making 480-500' connection
				20' 9-5/8" casing		
490		GOOD	Grab		SAME AS ABOVE, Med-coarse grained sand	
						15:27 Making 500-510' connection
500		GOOD	Grab		WELL GRADED SAND WITH GRAVEL (SW), Brown Coarse grained sand, Fine grained gravel, Wet,	
				10' 9-5/8" casing		505' TD of hole 12/5/2009 15:30

CH2MHILL	PROJECT NUMBER	WELL NUMBER **KAFB-10625** SHEET 1 OF 1

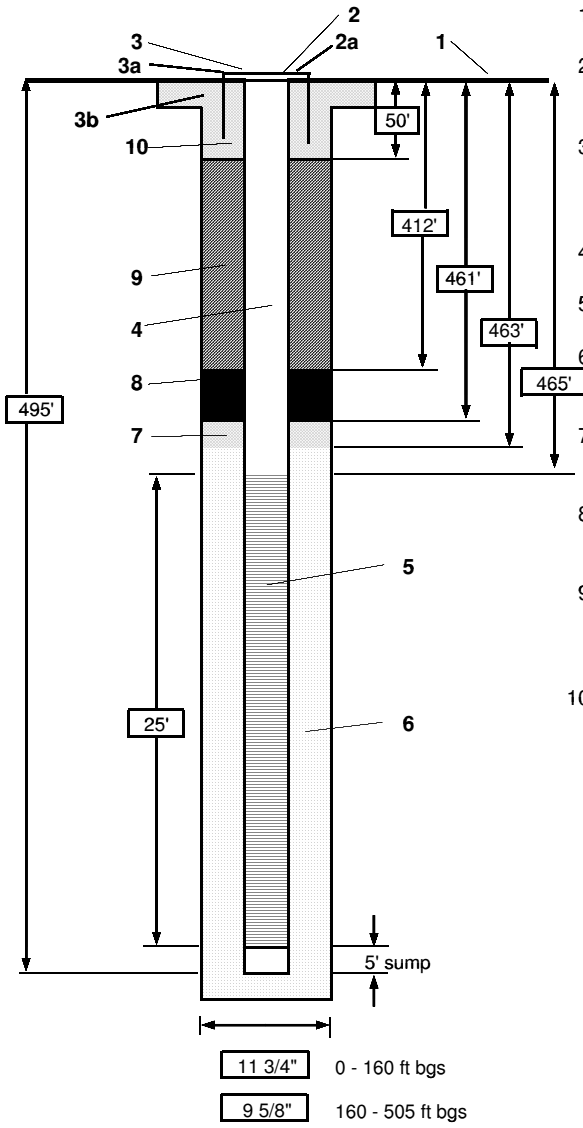
WELL COMPLETION DIAGRAM

PROJECT : KAFB Bulk Fuels Facility, TO-96 Drilling — LOCATION : Eastern SE and California SE

DRILLING CONTRACTOR : WDC Exploration & Wells — COORDINATES : TBD

DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K, — DRILLER: Javier Leon

WATER LEVEL : 471' — START : 12/2/2009 — END : 12/10/2009 — LOGGER : M. Brislen



1- Ground elevation at well	TBD
2- Top of casing elevation	surface elevation
a) vent hole?	no
3- Wellhead protection cover type	surface completion
a) weep hole?	no
b) concrete pad dimensions	4' x 4'
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	PVC 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness installed	35' filter (bottom of sump to above screen)
7- Transition sand	20/40 Colorado Silica Sand
a) thickness installed	2' transition sand
8- Type of seal	hydrated bentonite chips
a) thickness installed	49' chips seal
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness installed	362' grout
10- Cement	
a) Cement mix used	portland cement grout
b) thickness installed	50' (from ground surface to 50' bgs)
Development method	
Estimated purge volume	
Development time	

Comments: Borehole drilled to 505' bgs.
Centralizers at top and bottom of screen and every 40' to ground surface.
All depths below ground surface.

Not to scale

CH2MHILL

PROJECT NUMBER 382698

WELL ID KAFB - 10625

WELL DEVELOPMENT FIELD DATA SHEET

PROJECT: TO 96 Drilling LOCATION: California & Eastern

WEATHER (wind/temp/ppt): Cold, clear OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: PID = 0.0

INITIAL DEPTH TO WATER: 468.76 TOTAL DEPTH OF WELL: 498' SCREENED INTERVAL: 468-493'

PURGE VOLUME CALCULATION:

METHOD OF PURGING: Bailing & submersible pump

DISPOSITION OF DISCHARGE WATER: Poly tank at KAFB BFF

MONITORING EQUIPMENT USED: U-22, Turbidimeter, Multigasmeter

Well Purging Information

Date 12/10/2009 Time	Total volume (gals)	Temp (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO	ORP	Remarks (color, odor, sheen, sediment, etc.)
10:04	Begin bailing							
10:33	@ 35 gal, start swabbing							
10:45	Start bailing again							
11:15	@ 50 gal, start swabbing again, •water clearing up							
11:46	Done bailing ~ 80 gal total bailed							
14:23	0							
14:28	10	16.1	6.06	0.659	>1000	10.29	250	~ 2 gal/min
14:38	30	19.5	6.75	0.485	518	9.91	196	~ 3 gal/min
14:43	45	20.3	6.98	0.447	274	10.31	173	~ 3 gal/min
14:46	Water stops - could be dry or pump is having problems?							
12/11/2009								
10:58	0							
11:07	12	18.6	7.42	0.381	>1000	11.31	170	~ 1-1/2 gal/min
11:17	37	17.3	7.59	0.395	>1000	11.57	157	"
11:27	52	19.5	7.72	0.461	>1000	10.36	142	"
11:37	67	21.1	7.90	0.464	>1000	10.65	135	"
11:42	74.5	22.0	7.93	0.459	488	10.75	133	"
11:47	82	22.7	7.95	0.462	310	10.71	130	"
11:52	89.5	22.3	7.94	0.464	195	10.70	140	"
11:57	97	22.7	7.92	0.454	121	10.92	139	"
12:02	104.5	22.9	7.93	0.456	81.6	10.73	141	"
12:07	112	22.7	7.90	0.452	58.1	10.79	140	"
12:12	119.5	22.6	7.89	0.449	48.2	10.74	142	"
12:17	127	22.5	7.89	0.448	39.8	11.06	146	"
12:22	134.5	22.9	7.88	0.447	25.2	11.01	148	"
12:27	142	23.0	7.88	0.444	18.9	11.05	145	"

Well Purging Information

Date 12/10/2009 Time	Total volume (gals)	Temp (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO	ORP	Remarks (color, odor, sheen, sediment, etc.)
12:32	149.5	22.9	7.88	0.443	17.7	11.04	145	~1-1/2 gal/min
12:37	157	22.8	7.87	0.443	27.4	11.11	150	"
12:42	164.5	22.6	7.87	0.438	25.2	11.03	150	"
12:47	172	22.7	7.88	0.436	17.9	11.05	149	"
12:52	179.5	22.9	7.87	0.437	22.3	11.05	149	Sample collected *

Total volume purged during development = 80 gal bailed + 45 gal pumped on 1/10 + 179.5 gal pumped on 1/11 = 304.5 gal total

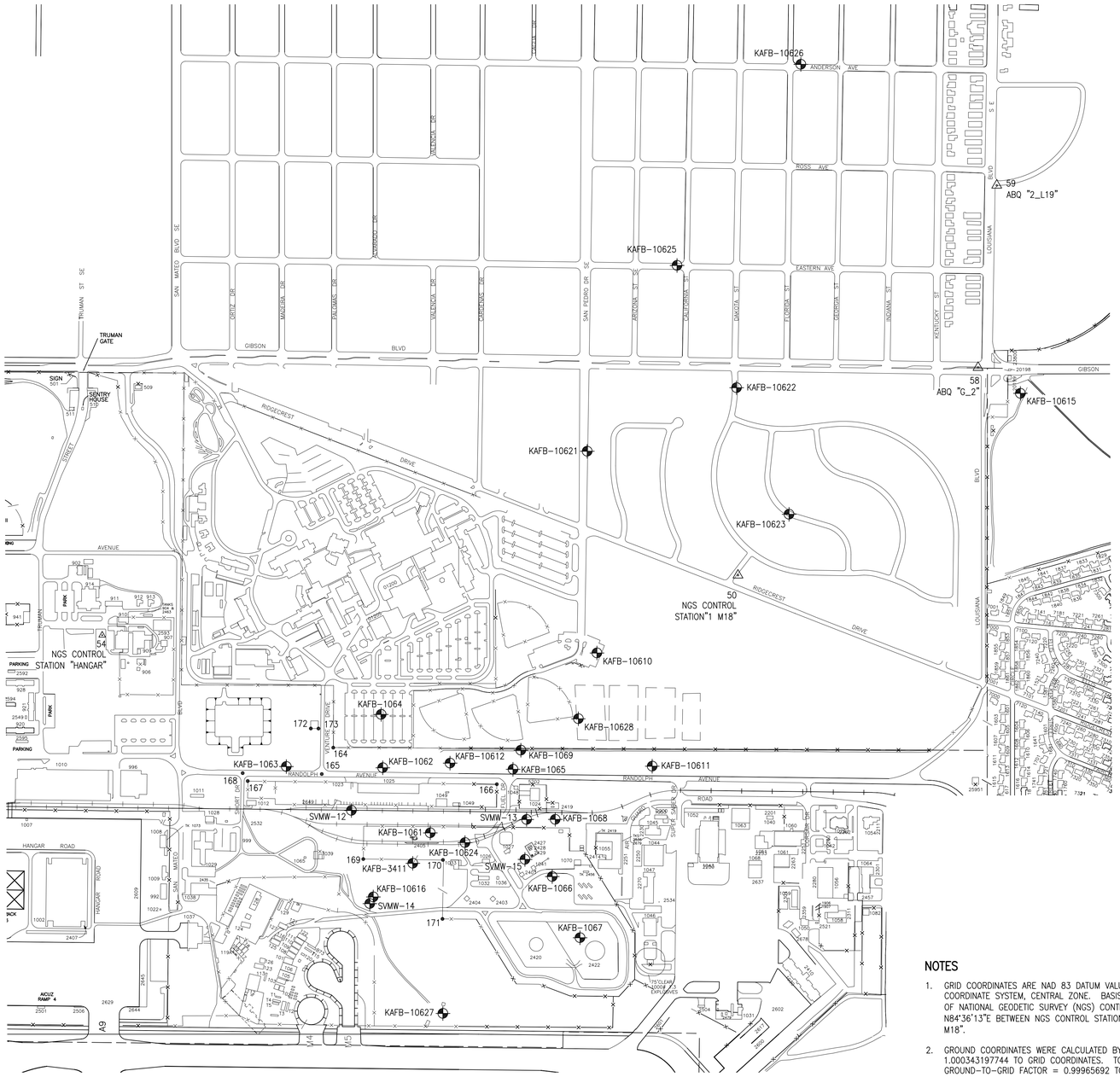
Initials of sampling personnel TA

Sample Information

SAMPLE DATE:	11 Dec. 2009	SAMPLE TYPE: grab	SAMPLE MATRIX: Groundwater
SAMPLING PERSONNEL:	T. Arrowood	SPLIT SAMPLES OBTAINED BY:	None
SAMPLING METHOD:	Submersible pump	SAMPLE TEMP/pH/EC/TURB/DO:	See above at *
SAMPLE ID(s):	ST106-GW-10625-12112009	DUPLICATE/BLANK SAMPLE ID(s):	Trip blank collected at 12:30
NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):			ST106-TB-12112009

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory	Comments
10625	12:55	2 x	1L amb.	ice	8015 DRO	PEL	ST106-GW-10625-12112009
"	12:55	3 x	40ml VOA	HCL/ice	8015 GRO	PEL	
"	12:55	3 x	40ml VOA	HCL/ice	8260	PEL	
"	12:55	3 x	40ml VOA	HCL/ice	8011 EDB	PEL	
TRIP	12:30	1 x	40ml VOA	HCL/ice	8260	PEL	ST106-TB-12112009
"	12:30	1 x	40ml VOA	HCL/ice	8015 GRO	PEL	

Initials of sampling personnel TA



LEGEND

- CONTROL POINT
- MONITORING WELL
- SITE IMPROVEMENT POINTS

NOTES

1. GRID COORDINATES ARE NAD 83 DATUM VALUES BASED ON NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE. BASIS OF COORDINATES ARE PUBLISHED VALUES OF NATIONAL GEODETIC SURVEY (NGS) CONTROL STATION "HANGAR" AND BEARING N84°36'13"E BETWEEN NGS CONTROL STATION "HANGAR" AND NGS CONTROL STATION "1 M18".
2. GROUND COORDINATES WERE CALCULATED BY APPLYING GRID-TO-GROUND FACTOR = 1.000343197744 TO GRID COORDINATES. TO OBTAIN GRID COORDINATES APPLY GROUND-TO-GRID FACTOR = 0.99965692 TO GROUND COORDINATES.
3. ELEVATIONS ARE NAVD 88 DATUM VALUES BASED ON NGS CONTROL STATION "HANGAR", ELEVATION = 5,343.43 FEET. GPS/RTK METHODS AND GEOID99 MODEL WERE USED TO DETERMINE ELEVATIONS OF ALL SURVEYED POINTS.
4. DRAWING COORDINATES ARE GROUND, NAD83 DATUM.
5. MONITORING WELL KAFB-1065 WAS ADDED TO THE DRAWING ON 2/21/2007. ORIGINAL SURVEY WAS DATED 5/5/2006.
6. MONITORING WELLS KAFB-1066, KAFB-1067, KAFB-1068, KAFB-1069 AND KAFB-10610 WERE ADDED TO DRAWING ON 5/19/2008.
7. MONITORING WELLS KAFB-10611, KAFB-10612, KAFB-10615, KAFB-10615, KAFB-10616, KAFB-10621, KAFB-10622, KAFB-10623 AND KAFB-10624 WERE ADDED TO THE DRAWING ON 11/16/2009.
8. MONITORING WELLS KAFB-10625, KAFB-10626, KAFB-10627 AND KAFB-10628 WERE ADDED TO THE DRAWING ON 05/21/2010.

CONTROL POINTS

Pnt. #	Northing	Easting	Elevation	Description
50	1,475,776.5261	1,543,904.0041	5340.01	NGS 1 M18
54	1,475,383.2253	1,539,740.5499	5343.43	NGS HANGAR
58	1,477,137.2462	1,545,476.0769	5337.43	ABQ "G_2"
59	1,478,330.7497	1,545,598.4449	5339.76	ABQ "2_L19"
60	1,480,708.2824	1,534,917.7646	5319.34	ABQ "14_L17"

SITE IMPROVEMENT POINTS

Pnt. #	Northing	Easting	Elevation	Description
164	1,474,646.7881	1,541,253.4136	5340.93	F_COR
165	1,474,473.2461	1,541,177.6105	5339.58	C/L
166	1,474,406.4650	1,542,324.9798		WALL
167	1,474,427.4386	1,540,692.6270		WALL
168	1,474,479.4725	1,540,659.4196	5336.76	C/L
169	1,473,916.2225	1,541,449.3822	5340.00	F_COR
170	1,473,910.2427	1,541,971.9330	5343.64	F_COR
171	1,473,524.1169	1,541,968.3346	5343.47	F_COR
172	1,474,771.9681	1,541,105.8894		BLDG. 1190 CORNER
173	1,474,771.6295	1,541,156.1182		BLDG. 1190 CORNER

CONTROL POINTS

Pnt. #	Northing	Easting	Elevation	Description
50	1,475,270.2167	1,543,374.3215	5340.01	NGS 1 M18
54	1,474,877.0508	1,539,212.2957	5343.43	NGS HANGAR
58	1,476,630.4470	1,544,945.855	5337.43	ABQ "G_2"
59	1,477,823.564	1,545,068.181	5339.76	ABQ "2_L19"
60	1,480,200.281	1,534,391.165	5319.34	ABQ "14_L17"

SITE IMPROVEMENT POINTS

Pnt. #	Northing	Easting	Elevation	Description
164	1,474,140.8663	1,540,724.6404	5340.93	F_COR
165	1,473,967.3838	1,540,648.8633	5339.58	C/L
166	1,473,900.6256	1,541,795.8389		WALL
167	1,473,921.5920	1,540,164.0462		WALL
168	1,473,973.6081	1,540,130.8502	5336.76	C/L
169	1,473,410.5513	1,540,920.5417	5340.00	F_COR
170	1,473,404.5736	1,541,442.9133	5343.64	F_COR
171	1,473,018.5802	1,541,439.3161	5343.47	F_COR
172	1,474,266.0034	1,540,577.1668		BLDG. 1190 CORNER
173	1,474,265.6649	1,540,627.3783		BLDG. 1190 CORNER

SURVEY OF

MONITORING WELLS
BULK FUELS FACILITY (ST-106)
KIRTLAND AIR FORCE BASE

BERNALILLO COUNTY, NEW MEXICO

MAY, 2010

GROUND COORDINATES

MONITORING WELLS SURVEYED 5/5/2006

Pnt. #	Northing	Easting	Elevation	Description
107	1,474,088.0363	1,541,888.8345	5344.19	KAFB-1061 PVC
106	1,474,088.5827	1,541,888.8474	5344.98	KAFB-1061 CASING
104	1,474,089.4495	1,541,888.5214	5341.76	KAFB-1061 NG
105	1,474,088.6696	1,541,888.6361	5342.14	KAFB-1061 CONCRETE
108	1,473,914.3024	1,542,508.9250	5347.09	SVMW-15 CASING
109	1,473,915.9121	1,542,509.0615	5347.08	SVMW-15 NG
110	1,474,175.6449	1,542,520.5833	5347.90	SVMW-13 CASING
111	1,474,177.1230	1,542,520.2909	5347.63	SVMW-13 NG
112	1,474,235.0292	1,541,372.6299	5340.28	SVMW-12 CASING
113	1,474,236.1306	1,541,372.6422	5340.25	SVMW-12 NG
114	1,473,625.5848	1,541,492.8330	5339.38	SVMW-14 CASING
115	1,473,627.1528	1,541,492.8356	5339.10	SVMW-14 NG
119	1,473,888.6775	1,541,774.4440	5343.29	KAFB-3411 PVC
118	1,473,889.0073	1,541,774.3633	5343.67	KAFB-3411 CASING
116	1,473,890.1425	1,541,774.2250	5340.30	KAFB-3411 NG
117	1,473,889.0886	1,541,774.0957	5340.72	KAFB-3411 CONCRETE
121	1,474,522.6436	1,540,946.3106	5339.55	KAFB-1063 PVC
120	1,474,523.1044	1,540,946.2907	5340.25	KAFB-1063 CASING
123	1,474,524.3176	1,540,946.3981	5337.40	KAFB-1063 NG
122	1,474,523.2589	1,540,946.4360	5337.45	KAFB-1063 CONCRETE
127	1,474,514.7727	1,541,578.3275	5341.82	KAFB-1062 PVC
126	1,474,515.0899	1,541,578.4150	5342.23	KAFB-1062 CASING
124	1,474,516.7674	1,541,578.4773	5339.69	KAFB-1062 NG
125	1,474,515.3529	1,541,578.3440	5340.12	KAFB-1062 CONCRETE
130	1,474,864.0870	1,541,567.3785	5345.47	KAFB-1064 PVC
129	1,474,864.4108	1,541,567.4979	5345.80	KAFB-1064 CASING
128	1,474,867.2384	1,541,567.4958	5343.03	KAFB-1064 ASPHALT
131	1,474,864.6573	1,541,567.5482	5343.10	KAFB-1064 CONCRETE

MONITORING WELLS SURVEYED 2/21/2007

180	1,474,504.5202	1,542,430.6856	5346.59	KAFB-1065 PVC
181	1,474,504.7331	1,542,430.6848	5346.96	KAFB-1065 CASING
182	1,474,504.9422	1,542,430.6771	5343.98	KAFB-1065 CONCRETE
183	1,474,506.5072	1,542,430.8488	5343.83	KAFB-1065 NG

MONITORING WELLS SURVEYED 5/19/2008

204	1,473,801.9593	1,542,687.4539	5351.38	KAFB-1066 PVC
205	1,473,802.1103	1,542,687.4239	5351.55	KAFB-1066 CASING
206	1,473,802.2153	1,542,687.4119	5348.93	KAFB-1066 CONCRETE
207	1,473,803.9293	1,542,687.2599	5348.49	KAFB-1066 NG
200	1,473,401.1623	1,542,869.4129	5349.41	KAFB-1067 PVC
201	1,473,401.2173	1,542,869.3879	5349.69	KAFB-1067 CASING
202	1,473,401.3643	1,542,869.4239	5344.91	KAFB-1067 CONCRETE
203	1,473,403.1393	1,542,869.6699	5344.21	KAFB-1067 NG
196	1,474,176.3263	1,542,707.2449	5351.67	KAFB-1068 PVC
197	1,474,176.5573	1,542,707.1849	5351.84	KAFB-1068 CASING
198	1,474,176.6623	1,542,707.0819	5349.01	KAFB-1068 CONCRETE
199	1,474,178.3823	1,542,707.1239	5348.66	KAFB-1068 NG
192	1,474,629.7653	1,542,482.1449	5344.34	KAFB-1069 PVC
193	1,474,630.1703	1,542,482.2249	5344.88	KAFB-1069 CASING
194	1,474,631.7053	1,542,482.1729	5344.81	KAFB-1069 CONCRETE
195	1,474,631.8233	1,542,482.1479	5344.75	KAFB-1069 NG
208	1,475,266.8613	1,542,980.1899	5343.20	KAFB-10610 PVC
209	1,475,267.2453	1,542,980.3139	5343.44	KAFB-10610 CASING
210	1,475,268.6913	1,542,980.7059	5343.39	KAFB-10610 CONCRETE
211	1,475,268.6943	1,542,980.7049	5343.39	KAFB-10610 ASPHALT

MONITORING WELLS SURVEYED 11/16/2009

216	1,474,025.0914	1,542,116.4684	5343.35	KAFB-10624 PVC
217	1,474,025.3142	1,542,116.4614	5343.63	KAFB-10624 CASING
218	1,474,025.3658	1,542,116.4706	5343.59	KAFB-10624 CONCRETE
219	1,474,027.0437	1,542,116.5919	5343.55	KAFB-10624 NG
220	1,473,669.2767	1,541,515.7017	5342.34	KAFB-10616 PVC
221	1,473,669.6486	1,541,515.7597	5342.45	KAFB-10616 CASING
222	1,473,669.9272	1,541,515.7100	5339.48	KAFB-10616 CONCRETE
223	1,473,671.4613	1,541,515.7522	5339.13	KAFB-10616 NG
224	1,474,545.7247	1,542,018.4249	5345.31	KAFB-10612 PVC
225	1,474,546.0334	1,542,018.5463	5345.49	KAFB-10612 CASING
226	1,474,546.3052	1,542,018.4521	5342.73	KAFB-10612 CONCRETE
227	1,474,547.7185	1,542,018.4151	5342.24	KAFB-10612 NG
228	1,474,525.7227	1,543,342.2560	5353.01	KAFB-10611 PVC
229	1,474,525.8940	1,543,342.3215	5353.16	KAFB-10611 CASING
230	1,474,526.0397	1,543,342.2533	5350.46	KAFB-10611 CONCRETE
231	1,474,527.6462	1,543,342.2966	5350.02	KAFB-10611 NG
232	1,476,968.3094	1,545,753.0683	5342.31	KAFB-10615 PVC
233	1,476,968.5871	1,545,752.9418	5342.54	KAFB-10615 CASING
234	1,476,968.6744	1,545,752.7833	5339.99	KAFB-10615 CONCRETE
235	1,476,970.0445	1,545,752.0967	5339.61	KAFB-10615 NG
236	1,476,588.9829	1,542,916.4412	5314.31	KAFB-10621 PVC
237	1,476,589.4096	1,542,916.4872	5314.59	KAFB-10621 CASING
238	1,476,589.4397	1,542,916.4968	5314.45	KAFB-10621 CONCRETE
239	1,476,590.0148	1,542,916.4808	5314.40	KAFB-10621 ASPHALT
240	1,477,005.3224	1,543,894.6746	5318.02	KAFB-10622 PVC
241	1,477,005.6971	1,543,894.7330	5318.34	KAFB-10622 CASING
242	1,477,005.8748	1,543,894.7262	5318.18	KAFB-10622 ASPHALT
243	1,476,176.1860	1,544,238.0822	5328.43	KAFB-10623 PVC
244	1,476,176.5574	1,544,238.2766	5328.78	KAFB-10623 CASING
245	1,476,176.7461	1,544,238.2843	5328.81	KAFB-10623 ASPHALT

MONITORING WELLS SURVEYED 05/21/2010

4887	1,472,906.3514	1,541,971.6123	5348.36	KAFB-10627 PVC
4888	1,472,906.6098	1,541,971.5217	5348.65	KAFB-10627 CASING
4889	1,472,906.7331	1,541,971.4329	5345.63	KAFB-10627 CONC.
4890	1,472,908.3955	1,541,971.2911	5345.46	KAFB-10627 NG
4891	1,474,836.3800	1,542,859.0056	5348.75	KAFB-10628-510 PVC
4892	1,474,836.2868	1,542,858.6850	5348.60	KAFB-10628-150 PVC
4893	1,474,836.5391	1,542,858.7694	5348.50	KAFB-10628-250 PVC
4894	1,474,836.6497	1,542,858.9511	5348.41	KAFB-10628-350 PVC
4895	1,474,836.6493	1,542,859.1406	5348.36	KAFB-10628-450 PVC
4896	1,474,836.8281	1,542,858.8236	5349.03	KAFB-10628 NR/CONC.
4897	1,4748.38.3673	1,542,858.7328	5348.99	KAFB-10628 NG/CONC.
4898	1,477,806.2749	1,543,504.8599	5317.05	KAFB-10625 PVC
4899	1,477,806.5147	1,543,504.9227	5317.31	KAFB-10625 N.RIM
4900	1,477,808.1885	1,543,505.0691	5317.35	KAFB-10625 CONC/ASPH
4901	1,479,123.5411	1,544,315.3072	5322.39	KAFB-10626 PVC
4902	1,479,123.9535	1,544,315.2396	5322.63	KAFB-10626 N.RIM
4903	1,479,125.3221	1,544,315.0909	5322.58	KAFB-10626 CONC/ASPH

GRID COORDINATES

MONITORING WELLS SURVEYED 5/5/2006

Pnt. #	Northing	Easting	Elevation	Description
107	1,473,582.3062	1,541,359.8433	5344.19	KAFB-1061 PVC
106	1,473,582.8524	1,541,359.8562	5344.98	KAFB-1061 CASING
104	1,473,583.7189	1,541,359.5303	5341.76	KAFB-1061 NG
105	1,473,582.9393	1,541,359.6449	5342.14	KAFB-1061 CONCRETE
108	1,473,408.6319	1,541,979.7210	5347.09	SVMW-15 CASING
109	1,473,410.2410	1,541,979.8575	5347.08	SVMW-15 NG
110	1,473,669.8847	1,541,991.3753	5347.90	SVMW-13 CASING
111	1,473,671.3623	1,541,991.0830	5347.63	SVMW-13 NG
112	1,473,729.2486	1,540,843.8158	5340.28	SVMW-12 CASING
113	1,473,730.3497	1,540,843.8281	5340.25	SVMW-12 NG
114	1,473,120.0133	1,540,963.9776	5339.38	SVMW-14 CASING
115	1,473,121.5808	1,540,963.9802	5339.10	SVMW-14 NG
119	1,473,383.0158	1,541,245.4920	5343.29	KAFB-3411 PVC
118	1,473,383.3455	1,541,245.4114	5343.67	KAFB-3411 CASING
116	1,473,384.4803	1,541,245.2731	5340.30	KAFB-3411 NG
117	1,473,383.4267	1,541,245.1438	5340.72	KAFB-3411 CONCRETE
121	1,474,016.7644	1,540,417.6427	5339.55	KAFB-1063 PVC
120	1,474,017.2250	1,540,417.6228	5340.25	KAFB-1063 CASING
123	1,474,018.4378	1,540,417.7302	5337.40	KAFB-1063 NG
122	1,474,017.3795	1,540,417.7681	5337.45	KAFB-1063 CONCRETE
127	1,474,008.8962	1,541,049.4428	5341.82	KAFB-1062 PVC
126	1,474,009.3132	1,541,049.5303	5342.23	KAFB-1062 CASING
124	1,474,010.8902	1,541,049.5926	5339.69	KAFB-1062 NG
125	1,474,009.4762	1,541,049.4593	5340.12	KAFB-1062 CONCRETE
130	1,474,358.0906	1,541,038.4976	5345.47	KAFB-1064 PVC
129	1,474,358.4143	1,541,038.6169	5345.80	KAFB-1064 CASING
128	1,474,361.2409	1,541,038.6148	5343.03	KAFB-1064 ASPHALT
131	1,474,358.6607	1,541,038.6672	5343.10	KAFB-1064 CONCRETE

MONITORING WELLS SURVEYED 2/21/2007

180	1,473,998.6472	1,541,901.5085	5346.59	KAFB-1065 PVC
181	1,473,998.8600	1,541,901.5077	5346.96	KAFB-1065 CASING
182	1,473,999.0690	1,541,901.5000	5343.98	KAFB-1065 CONCRETE
183	1,474,000.6335	1,541,901.6716	5343.83	KAFB-1065 NG

MONITORING WELLS SURVEYED 5/19/2008

204	1,473,296.3273	1,542,158.1887	5351.38	KAFB-1066 PVC
205	1,473,296.4782	1,542,158.1587	5351.55	KAFB-1066 CASING
206	1,473,296.5832	1,542,158.1467	5348.93	KAFB-1066 CONCRETE
207	1,473,298.2966	1,542,157.9947	5348.49	KAFB-1066 NG
200	1,472,895.6678	1,542,340.0852	5349.41	KAFB-1067 PVC
201	1,472,895.7228	1,542,340.0602	5349.69	KAFB-1067 CASING
202	1,472,895.8697	1,542,340.0962	5344.91	KAFB-1067 CONCRETE
203	1,472,897.6441	1,542,340.3421	5344.21	KAFB-1067 NG
196	1,473,670.5658	1,542,177.9729	5351.67	KAFB-1068 PVC
197	1,473,670.7968	1,542,177.9129	5351.84	KAFB-1068 CASING
198	1,473,670.9017	1,542,177.8099	5349.01	KAFB-1068 CONCRETE
199	1,473,672.6211	1,542,177.8519	5348.66	KAFB-1068 NG
192	1,474,123.8493	1,541,952.9501	5344.34	KAFB-1069 PVC
193	1,474,124.2541	1,541,953.0301	5344.88	KAFB-1069 CASING
194	1,474,125.7886	1,541,952.9781	5344.81	KAFB-1069 CONCRETE
195	1,474,125.9066	1,541,952.9531	5344.75	KAFB-1069 NG
208	1,474,760.7267	1,542,450.8242	5343.20	KAFB-10610 PVC
209	1,474,761.1106	1,542,450.9482	5343.44	KAFB-10610 CASING
210	1,474,762.4561	1,542,451.3400	5343.39	KAFB-10610 CONCRETE
211	1,474,762.5591	1,542,451.3390	5343.39	KAFB-10610 ASPHALT

MONITORING WELLS SURVEYED 11/16/2009

216	1,473,519.3828	1,541,587.3991	5343.35	KAFB-10624 PVC
217	1,473,519.6055	1,541,587.3921	5343.63	KAFB-10624 CASING
218	1,473,519.6571	1,541,587.4013	5343.59	KAFB-10624 CONCRETE
219	1,473,521.3345	1,541,587.5225	5343.55	KAFB-10624 NG
220	1,473,163.6902	1,540,986.8385	5342.34	KAFB-10616 PVC
221	1,473,164.0620	1,540,986.8964	5342.45	KAFB-10616 CASING
222	1,473,164.3405	1,540,986.8468	5339.48	KAFB-10616 CONCRETE
223	1,473,165.8740	1,540,986.8889	5339.13	KAFB-10616 NG
224	1,474,039.8375	1,541,489.3892	5345.31	KAFB-10612 PVC
225	1,474,040.1461	1,541,489.5105	5345.49	KAFB-10612 CASING
226	1,474,040.4178	1,541,489.4164	5342.73	KAFB-10612 CONCRETE
227	1,474,041.8306	1,541,489.3794	5342.24	KAFB-10612 NG
228	1,474,019.8424	1,542,812.7661	5353.01	KAFB-10611 PVC
229	1,474,020.0136	1,542,812.8316	5353.16	KAFB-10611 CASING
230	1,474,020.1593	1,542,812.7634	5350.46	KAFB-10611 CONCRETE
231	1,474,021.7652	1,542,812.8067	5350.02	KAFB-10611 NG
232	1,476,461.5911	1,545,222.7513	5342.31	KAFB-10615 PVC
233	1,476,461.8687	1,545,222.6248	5342.54	KAFB-10615 CASING
234	1,476,461.9559	1,545,222.4664	5339.99	KAFB-10615 CONCRETE
235	1,476,463.3256	1,545,221.7800	5339.61	KAFB-10615 NG
236	1,476,082.3947	1,542,387.0974	5314.31	KAFB-10621 PVC
237	1,476,082.8213	1,542,387.1434	5314.59	KAFB-10621 CASING
238	1,476,082.8513	1,542,387.1530	5314.45	KAFB-10621 CONCRETE
239	1,476,083.4263	1,542,387.1370	5314.40	KAFB-10621 ASPHALT
240	1,476,498.5914	1,543,364.9952	5318.02	KAFB-10622 PVC
241	1,476,498.9659	1,543,365.0536	5318.34	KAFB-10622 CASING
242	1,476,499.1436	1,543,365.0468	5318.18	KAFB-10622 ASPHALT
243	1,475,669.7394	1,543,708.2850	5328.43	KAFB-10623 PVC
244	1,475,670.1107	1,543,708.4793	5328.78	KAFB-10623 CASING
245	1,475,670.2993	1,543,708.4870	5328.81	KAFB-10623 ASPHALT

MONITORING WELLS SURVEYED 05/21/2010

4887	1,472,401.0267	1,541,442.5927	5348.36	KAFB-10627 PVC
4888	1,472,401.2850	1,541,442.5021	5348.65	KAFB-10627 CASING
4889	1,472,401.4083	1,541,442.4133	5345.63	KAFB-10627 CONC.
4890	1,472,403.0701	1,541,442.2716	5345.46	KAFB-10627 NG
4891	1,474,330.3931	1,542,329.6815	5348.75	KAFB-10628-510 PVC
4892	1,474,330.3000	1,542,329.3610	5348.60	KAFB-10628-150 PVC
4893	1,474,330.5522	1,542,329.4454	5348.50	KAFB-10628-250 PVC
4894	1,474,330.6627	1,542,329.6271	5348.41	KAFB-10628-350 PVC
4895	1,474,330.6623	1,542,329.8165	5348.36	KAFB-10628-450 PVC
4896	1,474,330.8411	1,542,329.4996	5349.03	KAFB-10628 NR/CONC.
4897	1,474,332.3798	1,542,329.4088	5348.99	KAFB-10628 NG/CONC.
4898	1,477,299.2691	1,542,975.3143	5317.05	KAFB-10625 PVC
4899	1,477,299.5088	1,542,975.3770	5317.31	KAFB-10625 N.RIM
4900	1,477,301.1821	1,542,975.5234	5317.35	KAFB-10625 CONC/ASPH
4901	1,478,616.0834	1,543,785.4835	5322.39	KAFB-10626 PVC
4902	1,478,616.4957	1,543,785.4159	5322.63	KAFB-10626 N.RIM
4903	1,478,617.8638	1,543,785.2673	5322.58	KAFB-10626 CONC/ASPH

PROFESSIONAL SURVEYOR
STATE OF
NO. 10464
NEW MEXICO
VLADIMIR JIRIK

VLADIMIR JIRIK, NMPS NO. 10464

MAY 26, 2010
DATE

SHEET 1 OF 1

26033MW-2-05-26-2010

Plat & Survey By:
ALBUQUERQUE SURVEYING CO. INC., 2119 Menaul Blvd. N.E., Albuquerque, New Mexico 87107 Ph. (505) 884-2036

ATTACHMENT 2

OFFICE OF THE STATE ENGINEER DOCUMENTATION

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

POD NUMBER (WELL NUMBER): Pod 67 Kafb10625	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	31.40	N
LONGITUDE	106	34	31.40	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)
12-2-09	12-10-09	505	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	160	11 3/4	PVC	FLUSH	4"	80	RISER
160	465	9 5/8	PVC	FLUSH	4"	80	RISER
465	490	9 5/8	SS SLOT	FLUSH	4"	40	010
490	500	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

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	463	11 3/4 9 5/8	QUICK GROUT AND CHIPS		TRIMMED
	463	505	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 20 DAYS AFTER COMPLETION OF WELL DRILLING:

SIGNATURE OF DRILLER — DATE: 6-21-10

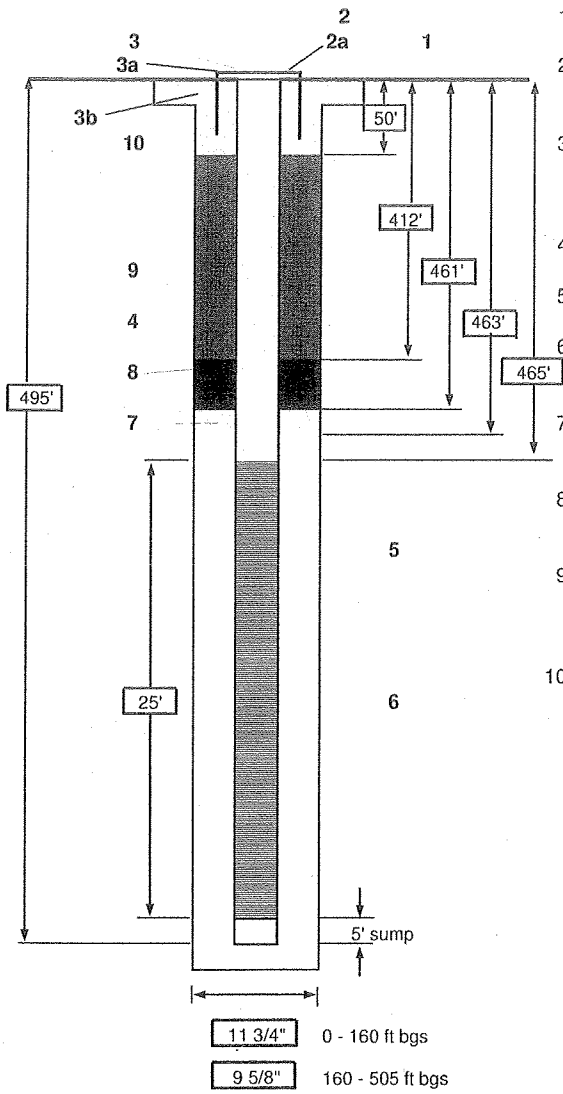
FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 2 OF 2

CH2MHILL	PROJECT NUMBER	WELL NUMBER KAFB-10625	SHEET 1 OF 1

WELL COMPLETION DIAGRAM

PROJECT : KAFB Bulk Fuels Facility, TO-96 Drilling — LOCATION : Eastern SE and California SE
DRILLING CONTRACTOR : WDC Exploration & Wells — COORDINATES : TBD
DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K, — DRILLER: Javier Leon
WATER LEVEL : 471' — START : 12/2/2009 — END : 12/10/2009 — LOGGER : M. Brislen



1- Ground elevation at well	TBD
2- Top of casing elevation	surface elevation
a) vent hole?	no
3- Wellhead protection cover type	surface completion
a) weep hole?	no
b) concrete pad dimensions	4' x 4'
4- Dia./type of well casing	4" schedule 80 PVC
5- Type/slot size of screen	PVC 0.010" slot
6- Type screen filter	10/20 Colorado Silica Sand
a) thickness installed	35' filter (bottom of sump to above screen)
7- Transition sand	20/40 Colorado Silica Sand
a) thickness installed	2' transition sand
8- Type of seal	hydrated bentonite chips
a) thickness installed	49' chips seal
9- Grout	
a) Grout mix used	volclay bentonite grout
b) thickness installed	362' grout
10- Cement	
a) Cement mix used	portland cement grout
b) thickness installed	50' (from ground surface to 50' bgs)
Development method	
Estimated purge volume	
Development time	

Comments: Borehole drilled to 505' bgs.
Centralizers at top and bottom of screen and every 40' to ground surface.
All depths below ground surface.

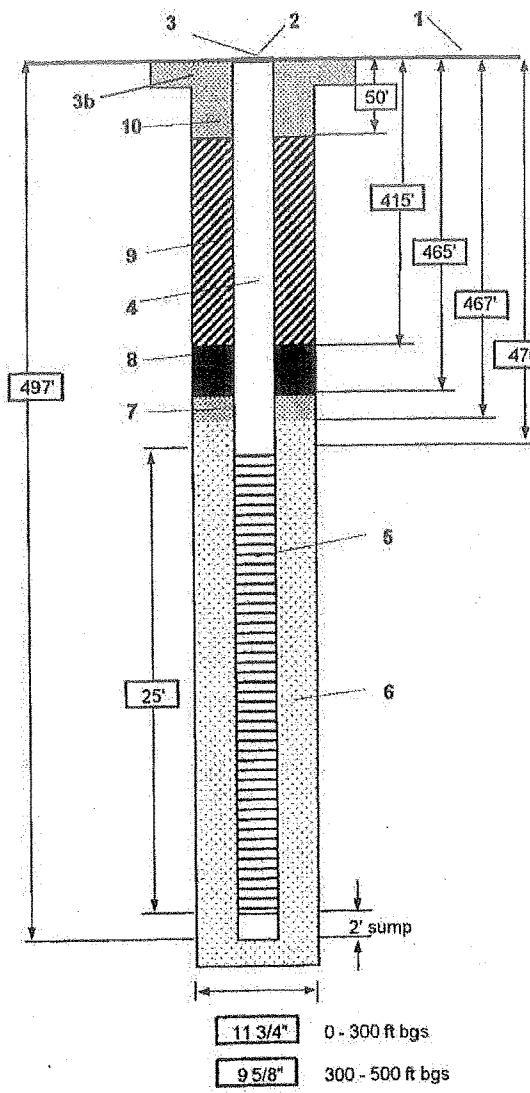
Not to scale

CH2MHILL

PROJECT NUMBER	WELL NUMBER KAFB-10625	SHEET 1 OF 1

PROPOSED WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility LOCATION : 1100 block of California St SE, Albuquerque, NM 87108
DRILLING CONTRACTOR : WDC Exploration & Wells COORDINATES :
DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K
WATER LEVEL : approximately 475' 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	12" dia. steel vault, flush mount
a) weep hole?	no
b) concrete pad dimensions	4' x 4'
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	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 1 OF 9

SOIL BORING LOG

PROJECT : TO96 Drilling, KAFB Bulk Fuels
LOCATION : California & Eastern SE
ELEVATION :
COORDINATES :
DRILLING METHOD AND EQUIPMENT USED : Star 30K DH Arch Rig
DRILLING CONTRACTOR : WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :
START : 12/2/09 14:15
END : 12/5/09 15:30
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	12/2/2009 14:15 Start Drilling
			X	20' 11-3/4" casing		
10		GOOD	Grab		WELL GRADED SAND, (SW), Brown, Predominantly fine-med grained sand, Dry, Non- plastic, Trace fine gravel	
20		GOOD	Grab		SAME AS ABOVE, Med. coarse grained sand	15:05 Drilling 20-40'
				20' 11-3/4" casing		
30		GOOD	Grab		WELL GRADED SAND WITH SILT & GRAVEL, (SW-SM), Brown, Dry, Non-plastic	
40					NO SAMPLE COLLECTED	15:50 Making 40-60' connection 16:30 Drilling 40-60'
			X	20' 11-3/4" casing		
50		GOOD	Grab		SANDY SILT, (ML), Reddish brown, Damp, Non-plastic, Trace fine gravel	
						17:00 at 60' Done for day

* No Monsell book, colors estimated

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 2 OF 9

SOIL BORING LOG

PROJECT : TO96 Drilling, KAFB Bulk Fuels
LOCATION : California & Eastern SE
ELEVATION :
COORDINATES :
DRILLING METHOD AND EQUIPMENT USED : Star 30K DH Arch Rig
DRILLING CONTRACTOR : WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :
START : 12/2/09 14:15
END : 12/5/09 15:30
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		GOOD	Grab	20' 11-3/4" casing	SANDY SILT WITH GRAVEL, (ML), Reddish brown, Damp, Non-plastic	12/3/2009 08:07 Making 60-80' connection
70		GOOD	Grab		SANDY SILT, (ML), Reddish brown, Damp, Non-plastic, Trace fine gravel	
80		GOOD	Grab		SAME AS ABOVE	08:40 at 80' 08:47 Making 80-100' connection 08:58 Drilling to 100'
90		GOOD	Grab	20' 11-3/4" casing	SAME AS ABOVE, No gravel	
100		GOOD	Grab		SILT, (ML), Light reddish brown, Dry, Non-plastic, Trace fine gravel	09:20 Making 100-120' connection
110		GOOD	Grab	20' 11-3/4" casing	SAME AS ABOVE	09:40 at 120'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 3 OF 9

SOIL BORING LOG

PROJECT : TO96 Drilling, KAFB Bulk Fuels
LOCATION : California & Eastern SE
ELEVATION :
COORDINATES :
DRILLING METHOD AND EQUIPMENT USED : Star 30K DH Arch Rig
DRILLING CONTRACTOR : WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :
START : 12/2/09 14:15
END : 12/5/09 15:30
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		FAIR	Grab	20' 11-3/4" casing	ELASTIC SILT, (MH), Brown, Damp, Low plasticity	12/3/2009 09:45 Making 120-140' connection 09:55 Drilling to 140'
130		FAIR	Grab		WELL GRADED SAND WITH SILT, (SWSM), Light brown, Fine - med. grained sand, Dry, Loose	Hose clogged
140		FAIR	Grab	20' 11-3/4" casing	WELL GRADED SAND, (SW), Light brown, Damp, Loose	10:40 Making 140-160' connection Drill pipe stuck
150		FAIR	Grab		POORLY GRADED SAND, (SP), Light brown, Med-grained, Damp, Loose	
160			Grab	20' 9-5/8" casing	SAME AS ABOVE, Fine grained	13:10 at 160' 12/4/2009 9:50 Making 160- 12/5/2009 180' connection. Mark Green Drilling
170			Grab		WELL GRAINED SAND WITH SILT, (SW-SM), Brown, Moist	10:07 at 180'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 4 OF 9

SOIL BORING LOG

PROJECT : TO96 Drilling, KAFB Bulk Fuels
LOCATION : California & Eastern SE
ELEVATION :
COORDINATES :
DRILLING METHOD AND EQUIPMENT USED : Star 30K DH Arch Rig
DRILLING CONTRACTOR : WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :
START : 12/2/09 14:15
END : 12/5/09 15:30
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			Grab	20' 9-5/8" casing	WELL GRADED GRAVEL WITH SAND, (GW), Brown, Moist	12/5/2009 10:17 making 180-200' connection
190			Grab		WELL GRADED SAND WITH GRAVEL, (SW), Brown, Med. coarse grained sand, Moist	
200			Grab	20' 9-5/8" casing	WELL GRADED SAND (SW), Light brown, Med-coarse grained sand, Moist, Loose	11:34 at 200' 11:35 Making 200- 220' connection
210			Grab		WELL GRADED GRAVEL WITH SAND, (GW), Fine grained gravel, Moist, Sub-rounded	
220			Grab	20' 9-5/8" casing	SAME AS ABOVE	11:46 Making 220-240' connection
230			Grab		POORLY GRADED FINE SAND, (SP), Light Brown, Dry	

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 5 OF 9

SOIL BORING LOG

PROJECT : TO96 Drilling, KAFB Bulk Fuels
LOCATION : California & Eastern SE
ELEVATION :
COORDINATES :
DRILLING METHOD AND EQUIPMENT USED : Star 30K DH Arch Rig
DRILLING CONTRACTOR : WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :
START : 12/2/09 14:15
END : 12/5/09 15:30
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)
240			Grab		WELL GRADED SAND, (SW), Brown, Med-coarse grained, Dry, Loose	12/5/2009
				20' 9-5/8" casing		
250		FAIR	Grab		CLAY WITH SAND, (CL), Brown, Fine grained sand, Moist Med-plasticity	
260			Grab		WELL GRADED SAND, (SW), Brown, Damp, Loose	12:38 at 260' Making 260-280' connection 12:42 drilling to 280'
				20' 9-5/8" casing		
270			Grab		SAME AS ABOVE	
280			Grab		SAME AS ABOVE	12:54 AT 280'
				20' 9-5/8" casing		
290			Grab		WELL GRADED SAND WITH GRAVEL, (SW), Brown, Moist	

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 6 OF 9

SOIL BORING LOG

PROJECT : TO96 Drilling, KAFB Bulk Fuels
LOCATION : California & Eastern SE
ELEVATION :
COORDINATES :
DRILLING METHOD AND EQUIPMENT USED : Star 30K DH Arch Rig
DRILLING CONTRACTOR : WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :
START : 12/2/09 14:15
END : 12/5/09 15:30
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		GOOD	Grab	20' 9-5/8" casing	WELL GRADED GRAVEL WITH SAND, (GW), Brown Poorly graded med. grained sand, Moist, Sub-rounded gravel	12/5/2009 13:06 Making 300-320' connection
310		GOOD	Grab		WELL GRADED SAND WITH FINE GRAVEL, (SW), Brown Med-coarse grained sand, Moist	
320		GOOD	Grab	20' 9-5/8" casing	WELL GRADED SAND, (SW), Brown, Moist, Loose	13:22 Making 320-340' connection
330		GOOD	Grab		WELL GRADED SAND WITH GRAVEL, (SW), Brown Moist, Loose	
340			Grab	20' 9-5/8" casing	SAME AS ABOVE, Predominately fine to med-grained sand	13:30 at 340' making 340-360' connection
350			Grab		SAME AS ABOVE, Med-coarse grained sand	13:44 at 360'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 7 OF 9

SOIL BORING LOG

PROJECT : TO96 Drilling, KAFB Bulk Fuels
LOCATION : California & Eastern SE
ELEVATION :
COORDINATES :
DRILLING METHOD AND EQUIPMENT USED : Star 30K DH Arch Rig
DRILLING CONTRACTOR : WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :
START : 12/2/09 14:15
END : 12/5/09 15:30
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		GOOD	Grab	20' 9-5/8" casing	WELL GRADED SAND WITH GRAVEL (40%), (SW), Brown, Damp	12/5/2009 13:46 Making 360-380' connection
370		GOOD	Grab		SAME AS ABOVE, No gravel	
380		GOOD	Grab	20' 9-5/8" casing	SAME AS ABOVE, No gravel	13:57 Making 380-400' connection
390		GOOD	X		NO SAMPLE COLLECTED	
400		GOOD	Grab	20' 9-5/8" casing	WELL GRADED SAND, (SW), Light brown, Fine to med. grained sand, Damp, Loose	14:10 Making 400-420' connection
410		GOOD	Grab		SAME AS ABOVE	

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 8 OF 9

SOIL BORING LOG

PROJECT : TO96 Drilling, KAFB Bulk Fuels
LOCATION : California & Eastern SE
ELEVATION :
COORDINATES :
DRILLING METHOD AND EQUIPMENT USED : Star 30K DH Arch Rig
DRILLING CONTRACTOR : WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :
START : 12/2/09 14:15
END : 12/5/09 15:30
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)
420		GOOD	Grab	20' 9-5/8" casing	WELL GRADED SAND, (SW), Light brown, Fine to med. grained sand, Damp, Loose	12/5/2009 14:22 Drilling to 440'
430		FAIR	Grab		CLAY WITH SAND, (CH), Brown, Moist, Med-plasticity	
440		GOOD	Grab	20' 9-5/8" casing	WELL GRADED SAND WITH SILT (SWSM), Light brown Fine grained sand, Moist	14:41 Making 440-460' connection
450		GOOD	Grab		WELL GRADED SAND, (SW), Light brown, Fine to med-grained sand, Moist, Loose	
460		GOOD	Grab	20' 9-5/8" casing	POORLY GRADED SAND (SP), Light brown, Coarse grained sand, Damp, Loose	14:53 at 460' 15:00 Drilling to 480'
470		GOOD	Grab		WELL GRADED SAND, (SW), Brown, Moist, Loose	15:07 at 480'

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
382698.02.FF.07.05	KAFB-10625	SHEET 9 OF 9

SOIL BORING LOG

PROJECT : TO96 Drilling, KAFB Bulk Fuels
LOCATION : California & Eastern SE
ELEVATION :
COORDINATES :
DRILLING METHOD AND EQUIPMENT USED : Star 30K DH Arch Rig
DRILLING CONTRACTOR : WDC Exploration & Wells Driller - Javier Leon
WATER LEVEL :
START : 12/2/09 14:15
END : 12/5/09 15:30
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)
480		GOOD	Grab		WELL GRADED SAND WITH GRAVEL, (SW), Brown, Wet	12/5/2009 15:11 Making 480-500' connection
				20' 9-5/8" casing		
490		GOOD	Grab		SAME AS ABOVE, Med-coarse grained sand	
						15:27 Making 500-510' connection
500		GOOD	Grab		WELL GRADED SAND WITH GRAVEL (SW), Brown Coarse grained sand, Fine grained gravel, Wet,	
				10' 9-5/8" casing		505' TD of hole 12/5/2009 15:30

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

DISTRICT I

JOHN R. D'ANTONIO, JR., P.E.
STATE ENGINEER

121 Tijeras NE, Suite 2000
Albuquerque, NM 87102

November 20, 2009

File No: RG-1579 POD67

Kirtland Air Force Base
C/O Wayne Bitner 377MSG/CEANR
2050 Wyoming Blvd, SE
Albuquerque, NM 87117-5720

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 unless and until a permit for a specific use has been applied for and issued by the State Engineer.

Sincerely,

Daniel K. Driscoll
Water Resource Specialist

Enclosure as stated
DKD:dkd
Cc: WRAB

HCH4e135
5-

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
Kirtland Air Force Base
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 35.6 Longitude: 106 d 34 m 31.4 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 497 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 1 December 2009.
Monitoring well will be in service for a minimum of five years.
Well ID = KAFB-10625.

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT
TO DRILL AN EXPLORATORY WELL

ACKNOWLEDGEMENT FOR NATURAL PERSONS

(I, We) MARK HOLMES (Please Print) affirm that the foregoing statements are true to the best of my knowledge and belief.

Mark Holmes _____ 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 20th day of November, 20 09

JOHN R. D'ANTONIO, JR., P.E.
STATE ENGINEER, State Engineer

By: DeKay Gill

CONDITIONS OF APPROVAL

Permit No.: RG-1579 POD67
Permittee: Kirtland Airforce Base
Page 1 of 1

This application is approved provided it is not exercised to the impairment 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:

Permit Number:	RG-1579 POD67
Application File Date:	November 18, 2009
Point of Diversion:	RG-1579 POD67, located at a point where X = 356,342 meters and Y = 3,880,819 meters, UTM Zone 13, NAD 83.

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. Well RG-1579 POD67 shall be drilled by a driller licensed in the State of New Mexico in accordance with 19.27.4, NMAC.
4. The driller's well record must 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.
5. If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.
6. Water shall be used from well RG-1579 POD67for 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 November, A.D., 2009.

John D'Antonio, Jr., P.E.
New Mexico State Engineer

By: _____
Daniel K. Driscoll
Albuquerque, OSE, District 1

ATTACHMENT 3

INVESTIGATION-DERIVED WASTE DISPOSAL DOCUMENTATION

BOL# 0360091271 0

RINCHEM COMPANY, INC.
6133 EDITH BOULEVARD NE
ALBUQUERQUE, N.M. 87107
PHONE (505) 345-3655

Carrier

01 / 27 / 2009

CH2M Hill at Kirtland Air Force Base (WERC)
Intersection of Randolph Ave and Fuels Drive
Albuquerque, NM 87117

RINCHEM COMPANY, INC
6133 EDITH NE
ALBUQUERQUE, NM 87107

☐ DELIVERY OF EMPTY ROLL-OFF BIN TO DRILL SITE # _____

BIN # _____

☐ TRANSFER OF FULL BIN FROM DRILL SITE # _____ TO STAGING AREA

BIN# _____

NON-DOT, NON-RCRA REGULATED MATERIAL, SOLID (DRILL TAILINGS PENDING ANALYTICAL)

☒ TRANSFER OF FULL BIN FROM STAGING AREA TO KAFB LANDFILL FOR DISPOSAL

BIN # A20-036 A20-009

NON-DOT, NON-RCRA REGULATED MATERIAL, SOLID (DRILL TAILINGS)

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATION OF THE DEPARTMENT OF TRANSPORTATION.

SIGNATURE _____

DELIVERED
Deposit Drums _____

RETURNED
Deposit Drum _____

RECEIVED BY _____

FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE EXPOSURE OR ACCIDENT
CALL CHEMTREC • DAY OR NIGHT
800-424-9300

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

14 January 2010

MEMORANDUM FOR: 377 MSG/CEANR

FROM: 377 MSG/CEANC (Solid Waste Program Manager)

SUBJECT: Landfill Disposal

Reference: CH2MHill Ltr. dated: 16 August, 2009
AFCEE Contract No. FA8903-08-D-8769 / Task Order No. 096

1. Authorization is granted to CH2MHILL to dispose of soil drill cuttings and debris from soil drill cuttings in support of continuing investigation at the Bulk Fuels Facility from the installation of Monitoring Well KAFB-10625 at the Kirtland AFB construction and demolition landfill. Debris will be delivered in 2 each, Rinchem roll-off, S/N's A20-036 and A20-009 to the landfill. Debris will consist of drill cuttings and plastic liners from roll-offs. Lab results are on file in the Solid Waste Management office. CH2MHill shall be issued a Kirtland AFB landfill pass for this disposal action. A copy of this letter will accompany the roll-off and be left with the gate keeper at the landfill.

2. Please direct questions to me at 846-9014.

STEVEN C. KITT
Solid Waste Program Manager
Natural Resource Asset Management

CH2M HILL
4041 Jefferson Plaza NE
Suite 200
Albuquerque, NM 87109
Tel 505.884.5600
Fax 505.883.7507

January 13, 2009

VIA EMAIL

Mr. Steve Kitt
377 MSG/CEANC
2050 Wyoming Boulevard SE
Kirtland AFB, NM 87117-5270

Reference: AFCEE Contract No. FA8903-08-D-8769 / Task Order No. 096

Subject: Disposal of Soil Drill Cuttings - Monitoring Well KAFB-10625, 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 December of 2009, CH2M HILL conducted drilling operations, at one location, in association with the ongoing investigation at the Bulk Fuels Facility. Drilling activities at this site generated approximately 40 cubic yards of soil which are stored in two 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. One composite sample collected from the soil cuttings from the monitoring well was analyzed for Toxic Characteristic Leaching Procedures (TCLP) semi-volatile organic compounds (SVOCs), TCLP volatile organic compounds (VOCs), TCLP herbicides, TCLP pesticides, TCLP metals, and ignitability analysis.

Table 1 presents a summary of the reportable concentrations from the TCLP analyses of the composite sample collected from the KAFB-10625 monitoring well drill cuttings. Four compounds were positively detected. Tetrachloroethene was detected at 0.0034 J mg/L which is several orders of magnitude below the TCLP regulatory level of 0.7 mg/L. Barium was detected at 0.786 mg/L which is several orders of magnitude below the TCLP regulatory level of 100 mg/L. Chromium was detected at 0.0133 J mg/L which is below the TCLP regulatory level of 5 mg/L. Endin was detected at 0.0000050 J mg/L which is several orders of magnitude below the TCLP regulatory level of 0.02 mg/L.

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 MCT, leased to Rinchem, and are roll-off numbers A20-036 and A20-009. 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.

Mr. Steve Kitt
377 MSG/CEANR
January 13, 2009

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 Well KAFB-10625, KAFB Bulk Fuels Facility, Kirtland AFB, NM.

c: Mr. Mark Holmes/377 MSG/CEANR

Table 1. Summary of Reportable Concentrations for Drill Cuttings Analyses from Monitoring Well KAFB-10625, KAFB Bulk Fuels Facility, Kirtland AFB, NM.

Chemical Class (units) and Laboratory Method	**Analyte**	**Date, Sample ID**
		12/10/09
		ST106-IDW-10625
TCLP VOC (mg/L) EPA Method SW8260B	Tetrachloroethene	0.0034 J
TCLP Metals (mg/L) EPA Method SW6010B	Barium	0.786
	Chromium	0.0133 J
TCLP Pesticides (mg/L) EPA Method SW8081A	Endrin	0.0000050 J
Data Qualifiers: J -- Estimated result. Result is less than reporting limit.		

PEL a division of Spectrum Analytical, Inc.

featuring HANIBAL TECHNOLOGY

Customer Name:	CH2M Hill
Date and Time Received:	12/12/2009 11:35:00 AM
Date Reported:	12/23/2009
Laboratory Submission Number/SDG:	2514460
Project:	TO96 Drilling 936127

Samples: The submission consisted of 1 samples with sample identification shown in the attached data tables.

Tests: The samples were analyzed for the methods listed on the attached table of contents.

Results: See the attached data tables for results.

Distribution of Report to:

CH2M Hill
Attn: Daniel Moore
Phone: W (314)421-0313
F (414)454-8704

Respectfully Submitted,

Brian Spann
Laboratory Director
PEL a division of Spectrum Analytical, Inc.
featuring Hanibal Technology

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are fo the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

8405 Benjamin Road, Suite A• Tampa, Florida 33634
813-888-9507• FAX: 813-889-7128
Website: www.pelab.com

Organics 2
METHOD 8260 TCLP GC/ MS VOLATILE ORGANICS..... 5
Sample Data 10
QC Summary 12
Standards Data 21
METHOD 8270 TCLP GC/ MS SEMI- VOLATILE ORGANICS 26
Sample Data 33
QC Summary 35
Standards Data 44
METHOD 8081 TCLP GC/ ECD PESTICIDE ORGANICS 49
Sample Data 59
QC Summary 61
Standards Data 73
METHOD 8151 TCLP GC/ ECD HERBICIDE ORGANICS 108
Sample Data 113
QC Summary 115
Standards Data 125

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METALS DATA PACKAGE TCLP 145
Sample Data 151
QC Summary 153
WET CHEMISTRY DATA PACKAGE pH 183
Sample Data 186
QC Summary 188

Outside Lab - Mitkem 190

Chain of Custody Documentation..... 205

Addendum 211

Appendix 229
Raw Data Method 8260 TCLP.....AO-1
Raw Data Method 8270 TCLP.....AO-405
Raw Data Method 8081 TCLP.....AO-1180
Raw Data Method 8151 TCLP.....AO-1376
Raw Data Inorganics/Metals..... AI-1
Raw Data Inorganics/Wet Chemistry.....AI-100

EXECUTIVE SUMMARY - Detection Highlights

2514460

SAMPLE ID: ST106-IDW-10625

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Barium	0.786	0.100	MG/L	SW6010B TCLP TCLP
Chromium	0.0133 J	0.100	MG/L	SW6010B TCLP TCLP
Endrin	0.0000050 J	0.00012	MG/L	SW8081A TCLP SPLP
Tetrachloroethene	0.0034 J	0.0050	MG/L	SW8260B TCLP SPLP
pH	8.65	0	pH	SW9045

231209 1410

Organics

231209 1410

Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

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Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

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GC/MS VOLATILE ORGANICS

METHOD 8260 TCLP

231209 1410

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

The TCLP samples were prepared by EPA 1311/SW846 for volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed. All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

CASE NARRATIVE
GC/MS VOLATILE ORGANICS

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

F. Samples:

Sample analysis proceeded normally. Client specified reporting limits were used.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 12/21/2009**

CASE NARRATIVE

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

MANUAL INTEGRATION SUMMARY

The following analytes were manually integrated by the chemist.

No manual integrations detected.

These manual integrations have been reviewed and meet all criteria in accordance with PEL's SOP regarding manual integration.

CHEMIST: **DATE: 12/21/2009**

SECTION LEADER: **DATE: 12/21/2009**

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: TO96 Drilling 936127

Lab Code : PEL Case No.: SAS No: SDG No.: 2514460

Method: 8260 TCLP

EPA Sample No	Lab Sample ID
ST106-IDW-10625	251446001

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Sample Data

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106-IDW-10625

Lab Name: PEL, Spectrum Analytical, Inc Contract: TO96 Drilling 936127

Lab Code : PEL Case No. SAS No: SDG No.: 2514460

Matrix: SOIL Lab Sample ID: 251446001 Lab File ID: 46001.D

Sample wt/vol: 0.5 Units: ML Date Received: 12/12/09

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/19/09 Time: 0937

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260 TCLP

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*
75-35-4	1,1-Dichloroethene	0.005	U
107-06-2	1,2-Dichloroethane	0.005	U
78-93-3	2-Butanone	0.04	U
71-43-2	Benzene	0.005	U
56-23-5	Carbon tetrachloride	0.005	U
108-90-7	Chlorobenzene	0.005	U
67-66-3	Chloroform	0.005	U
127-18-4	Tetrachloroethene	0.0034	J
79-01-6	Trichloroethene	0.005	U
75-01-4	Vinyl chloride	0.01	U

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Form I

GC/MS SEMI-VOLATILE ORGANICS

METHOD 8270 TCLP

231209 1410

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270

IV. PREPARATION

TCLP samples were prepared by EPA SW846 1311 prior to 8270 semi-volatiles preparation. Water/TCLP samples were prepared by EPA SW846 3510 for 8270

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 12/21/2009**

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CASE NARRATIVE

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

MANUAL INTEGRATION SUMMARY

The following analytes were manually integrated by the chemist.

Sample: 7333LCS Analyte: 1,4-Dichlorobenzene Reason: Baseline integration, needs re-enforced due to interference on target peak
Sample: 7333LCS Analyte: 2,4,5-Trichlorophenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Sample: 7333LCS Analyte: 2-Methylphenol (o-Cresol) Reason: Baseline integration, needs re-enforced due to interference on target peak
Sample: 7333LCS Analyte: Pyridine Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV792407 Analyte: 1,4-Dichlorobenzene Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV792407 Analyte: 2,4,5-Trichlorophenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV792407 Analyte: Nitrobenzene Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV792407 Analyte: Pyridine Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC789431 Analyte: 2,4,5-Trichlorophenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC789431 Analyte: 2-Methylphenol (o-Cresol) Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC789431 Analyte: Hexachlorobutadiene Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC789431 Analyte: Pyridine Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789422 Analyte: 2-Methylphenol (o-Cresol) Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789422 Analyte: Pyridine Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789423 Analyte: 1,4-Dichlorobenzene Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789423 Analyte: 2,4,5-Trichlorophenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789423 Analyte: Pentachlorophenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789423 Analyte: Pyridine Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789424 Analyte: 1,4-Dichlorobenzene Reason: Baseline integration, needs re-enforced due to interference on target peak

CASE NARRATIVE

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

Calibration Sample: STD789424 Analyte: 2,4,5-Trichlorophenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789424 Analyte: 2-Methylphenol (o-Cresol) Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789424 Analyte: 4-Methylphenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789424 Analyte: Pyridine Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789425 Analyte: 1,4-Dichlorobenzene Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789425 Analyte: 2,4,5-Trichlorophenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789425 Analyte: 2-Methylphenol (o-Cresol) Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789425 Analyte: 4-Methylphenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789425 Analyte: Pyridine Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789426 Analyte: 1,4-Dichlorobenzene Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789426 Analyte: 2,4,5-Trichlorophenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789426 Analyte: 2-Methylphenol (o-Cresol) Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789426 Analyte: 4-Methylphenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789426 Analyte: Pyridine Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789427 Analyte: 1,4-Dichlorobenzene Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789427 Analyte: 2,4,5-Trichlorophenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789427 Analyte: 2-Methylphenol (o-Cresol) Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789427 Analyte: Pyridine Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789428 Analyte: 2,4,5-Trichlorophenol Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789428 Analyte: 2-Methylphenol (o-Cresol) Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD789428 Analyte: Pyridine Reason: Baseline integration, needs re-enforced due to interference on target peak

CASE NARRATIVE

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

These manual integrations have been reviewed and meet all criteria in accordance with PEL's SOP regarding manual integration.

CHEMIST: **DATE: 12/21/2009**

SECTION LEADER: **DATE: 12/21/2009**

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SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: TO96 Drilling 936127

Lab Code : PEL Case No.: SAS No: SDG No.: 2514460

Method: 8270 TCLP

EPA Sample No	Lab Sample ID
ST106-IDW-10625	251446001

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Sample Data

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106-IDW-10625

Lab Name: PEL, Spectrum Analytical, Inc Contract: TO96 Drilling 936127

Lab Code : PEL Case No. SAS No: SDG No.: 2514460

Matrix: SOIL Lab Sample ID: 251446001 Lab File ID: 460-01.D

Sample wt/vol: 450 Units: ML Date Received: 12/12/09

Concentrated Extract Volume: 1 Date Extracted: 12/17/09

Level:(low/med) LOW Date Analyzed: 12/19/09 Time: 2113

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270 TCLP

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*
110-86-1	Pyridine	0.00933	U
106-46-7	1,4-Dichlorobenzene	0.012	U
95-48-7	2-Methylphenol (o-Cresol)	0.0116	U
67-72-1	Hexachloroethane	0.0116	U
106-44-5	4-Methylphenol	0.0271	U
98-95-3	Nitrobenzene	0.0124	U
87-68-3	Hexachlorobutadiene	0.0111	U
88-06-2	2,4,6-Trichlorophenol	0.016	U
95-95-4	2,4,5-Trichlorophenol	0.0151	U
121-14-2	2,4-Dinitrotoluene	0.0124	U
118-74-1	Hexachlorobenzene	0.0116	U
87-86-5	Pentachlorophenol	0.0222	U

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Form I

GC/ECD PESTICIDE ORGANICS

METHOD 8081 TCLP

231209 1410

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8081.

IV. PREPARATION

TCLP Samples were prepared by EPA SW846 1311 for 8081 semi-volatile analysis.

Water / TCLP samples were prepared by EPA SW846 3510 for 8081 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

F. Samples:

Sample analysis proceeded normally.

Data was collected using dual column analysis. Please note that the higher value of the two columns is reported, unless the %D between the two columns is >40%, in which case the lower of the two values is reported.

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SIGNED: **DATE: 12/22/2009**

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CASE NARRATIVE

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

MANUAL INTEGRATION SUMMARY

The following analytes were manually integrated by the chemist.

Calibration Sample: CCV792890 Analyte: Chlordane-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV793090 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV793090 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV793090 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV793090 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV793090 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792870 Analyte: Chlordane-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792871 Analyte: Chlordane-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792871 Analyte: Chlordane-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792871 Analyte: Chlordane-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792871 Analyte: Chlordane-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792871 Analyte: Chlordane-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792874 Analyte: Chlordane-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792874 Analyte: Chlordane-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792874 Analyte: Chlordane-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792874 Analyte: Chlordane-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792874 Analyte: Chlordane-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792875 Analyte: Chlordane-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792875 Analyte: Chlordane-2 Reason: Baseline integration, needs re-enforced due to interference on target peak

CASE NARRATIVE

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

Calibration Sample: STD792875 Analyte: Chlordane-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792875 Analyte: Chlordane-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792875 Analyte: Chlordane-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792880 Analyte: Chlordane-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792880 Analyte: Chlordane-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792880 Analyte: Chlordane-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792880 Analyte: Chlordane-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792880 Analyte: Chlordane-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792882 Analyte: Chlordane-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792882 Analyte: Chlordane-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792882 Analyte: Chlordane-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792882 Analyte: Chlordane-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792882 Analyte: Chlordane-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792884 Analyte: Chlordane-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792884 Analyte: Chlordane-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792884 Analyte: Chlordane-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792884 Analyte: Chlordane-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792884 Analyte: Chlordane-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792885 Analyte: Chlordane-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792885 Analyte: Chlordane-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792885 Analyte: Chlordane-3 Reason: Baseline integration, needs re-enforced due to interference on target peak

CASE NARRATIVE

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

Calibration Sample: STD792885 Analyte: Chlordane-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792885 Analyte: Chlordane-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792944 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792944 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792944 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792944 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792944 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792945 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792945 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792945 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792945 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792945 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792948 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792948 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792948 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792948 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792948 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792949 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792949 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792949 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792949 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak

CASE NARRATIVE

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

Calibration Sample: STD792949 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792952 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792952 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792952 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792952 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792952 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792957 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792957 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792957 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792957 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792957 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792960 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792960 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792960 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792960 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792960 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792961 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792961 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792961 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792961 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792961 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak

CASE NARRATIVE

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

Calibration Sample: STD792964 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792964 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792964 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792964 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792964 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792965 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792965 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792965 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792965 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792965 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792968 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792968 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792968 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792968 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792968 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792969 Analyte: Toxaphene-1 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792969 Analyte: Toxaphene-2 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792969 Analyte: Toxaphene-3 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792969 Analyte: Toxaphene-4 Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD792969 Analyte: Toxaphene-5 Reason: Baseline integration, needs re-enforced due to interference on target peak

CASE NARRATIVE

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

These manual integrations have been reviewed and meet all criteria in accordance with PEL's SOP regarding manual integration.

CHEMIST: **DATE: 12/22/2009**

SECTION LEADER: **DATE: 12/22/2009**

W:\Narratives\SemiVols\2514\2514460_8081_TCLPMI.doc

PESTICIDE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: TO96 Drilling 936127

Lab Code : PEL Case No.: SAS No: SDG No.: 2514460

Method: 8081 TCLP

EPA Sample No	Lab Sample ID
ST106-IDW-10625	251446001

231209 1411

Sample Data

231209 1411

1

PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106-IDW-10625

Lab Name: PEL, Spectrum Analytical, Inc Contract: TO96 Drilling 936127

Lab Code : PEL Case No. SAS No: SDG No.: 2514460

Matrix: SOIL Lab Sample ID: 251446001 Lab File ID: 460-01.D

Sample wt/vol: 400 Units: ML Date Received: 12/12/09

Concentrated Extract Volume: 10 Date Extracted: 12/16/09

Level:(low/med) LOW Date Analyzed: 12/21/09 Time: 1800

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8081 TCLP

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*
58-89-9	gamma-BHC (Lindane)	0.00012	U
76-44-8	Heptachlor	0.00012	U
1024-57-3	Heptachlor epoxide	0.00012	U
72-20-8	Endrin	0.000005	J
72-43-5	Methoxychlor	0.00012	U
57-74-9	Chlordane	0.0012	U
8001-35-2	Toxaphene	0.0012	U

Higher value of the two columns reported as result unless %D between the columns is >40%, then the lower of the two results is reported

231209 1411

Form I

GC/ECD HERBICIDE ORGANICS

METHOD 8151 TCLP

231209 1411

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8151 chlorinated acid herbicides.

IV. PREPARATION

TCLP samples were prepared by EPA SW846 1311 prior to 8151 semi-volatiles preparation. Water/TCLP samples were prepared by EPA SW846 3510 for 8151

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

F. Samples:

Sample analysis proceeded normally.

Data was collected using dual column analysis. Please note that the higher value of the two columns is reported, unless the %D between the two columns is >40%, in which case the lower of the two values is reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 12/21/2009**

W:\Narratives\SemiVols\2514\2514460_8151_TCLP.doc

CASE NARRATIVE

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

MANUAL INTEGRATION SUMMARY

The following analytes were manually integrated by the chemist.

No manual integrations detected.

These manual integrations have been reviewed and meet all criteria in accordance with PEL's SOP regarding manual integration.

CHEMIST: **DATE: 12/21/2009**

SECTION LEADER: **DATE: 12/21/2009**

W:\Narratives\SemiVols\2514\2514460_8151_TCLPMI.doc

HERBICIDE ORGANIC CROSS REFERENCE TABLE

Lab Name: PEL Laboratories, Inc. Contract: TO96 Drilling 936127

Lab Code : PEL Case No.: SAS No: SDG No.: 2514460

Method: 8151 TCLP

EPA Sample No	Lab Sample ID
ST106-IDW-10625	251446001

231209 1411

Sample Data

231209 1411

1

HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106-IDW-10625

Lab Name: PEL, Spectrum Analytical, Inc Contract: TO96 Drilling 936127

Lab Code : PEL Case No. SAS No: SDG No.: 2514460

Matrix: SOIL Lab Sample ID: 251446001 Lab File ID: 460-1.D

Sample wt/vol: 400 Units: ML Date Received: 12/12/09

Concentrated Extract Volume: 10 Date Extracted: 12/16/09

Level:(low/med) LOW Date Analyzed: 12/21/09 Time: 0055

PercentSolids: 0 decanted : Dilution Factor: 10

Extraction: SEPF Station ID: Method: 8151 TCLP

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*
94-75-7	2,4'-D	0.012	U
93-72-1	2,4,5-TP (Silvex)	0.012	U

Higher value of the two columns reported as result unless %D between the columns is >40%, then the lower of the two results is reported

231209 1411

Form I

Inorganics

231209 1411

Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

J The reported value obtained was less than the RL but greater than or equal to the MDL.

E The reported value obtained was over calibration or linear range.

U The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

U The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.

M Duplicate injection precision was not met (two analyses of the same sample did not agree).

N Spiked sample recovery not within control limits.

E Serial Dilution percent difference not within control limits.

S The reported value was determined by the Method of Standard Additions (MSA).

W Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.

***** Duplicate analysis not within control limits.

+ Correlation coefficient for the MSA is less than 0.995.

X The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can apear in the same field.

M (Method) Qualifier - Enter one of the following:

P ICP
A Flame AA
F Furnace AA
CV Manual Cold Vapor AA
TC Total Organic Carbon
AS Semi-Automated Spectrophotometric
CA Midi-Distillation Spectrophotometric
T Titrimetric
C Manual Spectrophotometric
GR Gravimetric
NR Analyte was not required by your lab

231209 1411

Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

A Post Digestion Spike.

L Serial Dilution.

231209 1411

METALS DATA PACKAGE
TCLP

231209 1411

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to the PEL, a Division of Spectrum Analytical, Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Methods 1311 and 3010A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 296738BLK was analyzed with the water samples on 12/16/09. The following analyte(s) were detected below RL: Chromium at 0.00468 mg/L. Results below the RL, therefore, no corrective action was taken.
Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

CASE NARRATIVE
METALS

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

2. **Post Digestion Spike:**

   All acceptance criteria were met.

3. **Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):**

   No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Serial Dilution:

All acceptance criteria were met.

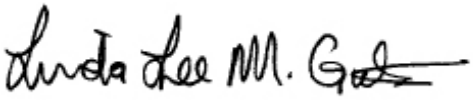
F. ICP Interference Check Samples:

All acceptance criteria were met.

G. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 12/17/2009**

W:\Narratives\Metals\2514\2514460_6010_TCLP.doc

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to the PEL, a Division of Spectrum Analytical, Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Methods 1311 and 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

CASE NARRATIVE
MERCURY

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

3. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

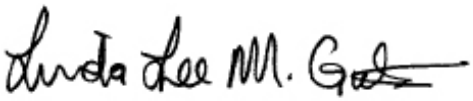
E. Serial Dilution:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.



SIGNED: **DATE: 12/17/2009**

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U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL, Spectrum Analytical, Inc. Contract: TO96 Drilling 936127

Lab Code : PEL Case No.: SDG No.: 2514460

SOW No.:

EPA Sample No	Lab Sample ID
ST106-IDW-10625	251446001

Were ICP interelement corrections applied?	Yes/No	Yes
Were ICP background corrections applied?	Yes/No	Yes
If yes - were raw data generated before application of background corrections?	Yes/No	No

Comments:

231209 1411

Sample Data

231209 1411

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106-IDW-10625

Lab Name: PEL, Spectrum Analytical, Inc. Contract: TO96 Drilling 936127

Lab Code : PEL Case No.: SAS No: SDG No.: 2514460

Matrix: SOIL Lab Sample ID: 251446001

Level:(low/med) LOW Date Received: 12/12/2009

PercentSolids: 0 Station ID:

TCLP Analysis

CONCENTRATION UNITS: MG/L

CAS NO.	ANALYTE	Concentration	C	Q	M
7440-38-2	Arsenic	0.1	U		P
7440-39-3	Barium	0.786			P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	0.0133	J		P
7439-92-1	Lead	0.15	U		P
7439-97-6	Mercury	0.002	U		CV
7782-49-2	Selenium	0.2	U		P
7440-22-4	Silver	0.1	U		P

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

231209 1411

WET CHEMISTRY DATA PACKAGE
pH

231209 1412

CASE NARRATIVE
INORGANICS-pH

PEL Lab Reference No./SDG: 2514460

Client: CH2M Hill

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to PEL Laboratory's Standard Operating Procedures and EPA Method 9045.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 9045.

V. ANALYSIS

A. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and PEL, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE: 12/18/2009**

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: PEL, Spectrum Analytical, Inc. Contract: TO96 Drilling 936127

Lab Code : PEL Case No.: SDG No.: 2514460

SOW No.:

EPA Sample No	Lab Sample ID
ST106-IDW-10625	251446001

Comments:

231209 1412

Sample Data

231209 1412

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

ST106-IDW-10625

Lab Name: PEL, Spectrum Analytical, Inc. Contract: TO96 Drilling 936127

Lab Code : PEL Case No.: SAS No: SDG No.: 2514460

Matrix: SOIL Lab Sample ID: 251446001

Level:(low/med) LOW Date Received: 12/12/2009

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: pH

CAS NO.	ANALYTE	Concentration	C	Q	M
1-00-6	pH	8.65			N/A

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

231209 1412

Outside Lab

231209 1412

MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

December 18, 2009

PEL Laboratories Inc.
8405 Benjamin Road, Suite A
Tampa, FL 33634
Attn: Ms. Darcy Weisman

RE: Client Project: CH2M Hill - Kirtland (2514460)
Lab Project #: H2560

Dear Ms. Weisman:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project. If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,

Shirley Ng

Shirley S. Ng
Project Manager

175 Metro Center Boulevard• Warwick, Rhode Island 02886-1755 • 401-732-3400• Fax 401-732-3499
www.mitkem.com

Report of Laboratory Analyses for PEL Laboratories Inc.

Client Project: CH2M Hill - Kirtland (2514460)

Mitkem Work Order ID: H2560

December 18, 2009

Prepared For:

PEL Laboratories Inc.
8405 Benjamin Road, Suite A
Tampa, FL 33634
Attn: Ms. Darcy Weisman

Prepared By:

Mitkem Laboratories
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

Client: PEL Laboratories Inc.

Client Project: CH2M Hill - Kirtland (2514460)

Lab Work Order: H2560

Date samples received: 12/15/09

Project Narrative

This data report includes the analysis results for one (1) sample that was received from PEL Laboratories, Inc. on December 15, 2009. Analyses were performed per specification in the Chain of Custody form. For reference, a copy of the Mitkem Sample Log-In form is included for cross-referencing the client sample ID and laboratory sample ID.

All of the analyses were performed according to method specifications. The wet chemistry analyses are reported in the standard Mitkem format.

For ignitability analysis, the result of "No Flash" indicates that no flash was observed, or that non-ignitable vapors from the sample extinguished the test flame at the temperature indicated.

No unusual occurrences were noted during sample analyses.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Shirley Ng
Project Manager

Sample Transmittal Documentation

WorkOrder: H2560

12/18/2009 16:44

Mitkem Laboratories

Client ID: PEL
Project: CH2M Hill - Kirtland (TO-38)
WO Name: CH2M Hill - Kirtland (TO-38)
Location: CH2M_KIRTLAND, 2514460

Case:
SDG:
PO: 2514460

HC Due: 12/18/09
Fax Due:
Fax Report: ☐

Report Level: LEVEL 4
EDD: PELAB

Comments: E-mail pdf and EDD to pm@pelab.com. No hard copy needed. Include COC with invoice. Report "J" flag.

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
H2560-01A	ST106-IDW-10625	12/10/2009 13:30	12/15/2009	Soil	SW1010_S	/					B4

2514460

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

Lab Client Rep: Shirley S Ng

Mitkem OL

PEL

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

TAT- Indicate Date Needed: 12/18/09

- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: PEL

Project Mgr.: Darcy Weisman

Invoice To:

P.O. No.: RQN:

Project No.: PEL 2514460/CH2MHILL-Kirtland AFB

Site Name: T096 Drilling

Location: State:

Sampler(s):

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= 10= 11=

List preservative code below:

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 1010

QA/QC Reporting Level

☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other

State specific reporting standards:

H2560

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	1010
01	ST106-IDW-10625	12/10/09	1330	Comp.	SO			1		X

☐ E-mail to

EDD Format

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 3

Relinquished by:	Received by:	Date:	Time:
12/14/09	Shirley NS	12/15/09	12:31

MITKEM LABORATORIES
Sample Condition Form

Received By: SN | Reviewed By: AGW | Date: 12/15/09 | MITKEM Workorder #: H2560

Client Project: CH2M KIRTLAND | Client: PEL

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	H_3PO_4	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
H2560	01							

1) Cooler Sealed Yes / No

2) Custody Seal(s) Present / Absent
Coolers / Bottles
Intact / Broken

3) Custody Seal Number(s) NA

4) Chain-of-Custody Present / Absent

5) Cooler Temperature 3°C
Coolant Condition TCR

6) Airbill(s) Present / Absent
Airbill Number(s) 176FA108134257
2004
UPS
—

7) Sample Bottles Intact/Broken/Leaking

8) Date Received 12/15/09

9) Time Received 12:31

Preservative Name/Lot No:

SN 12/15/09

VOA Matrix Key:

US = Unpreserved Soil	**A** = Air
UA = Unpreserved Aqu.	**H** = HCl
M= MeOH	**E** = Encore
N = $NaHSO_4$	**F** = Freeze

See Sample Condition Notification/Corrective Action Form yes / no

Rad OK yes/ no

MITKEM LABORATORIES

* Wet Chemistry *

Mitkem Laboratories

Date: *18-Dec-09*

Client: PEL Laboratories Inc.
Client Sample ID: ST106-IDW-10625
Lab ID: H2560-01

Project: CH2M Hill - Kirtland (TO-38)
Collection Date: 12/10/09 13:30

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
SW846 1010 -- FLASHPOINT BY PENSKY-MARTENS CLOSED-CUP METHOD						**SW1010_S**		
Ignitability	NO FLASH @ 140		140	200	°F	1	12/18/2009 14:35	R44514

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

mLIMS-001

Chain of Custody Documentation

231209 1412

PEL Laboratories, Inc.
8405 Benjamin Rd, Suite A
Tampa, FL 33634
Phone: 813-888-9507
E-Mail: login@pelab.com

Chain of Custody Record
Record/Work Request

2514460 JK

Company: CH2M HILL	Project Name/Number: T096 Drilling
Address: 4041 Jefferson Plaza NE ABQ, NM 87109	Project Manager: Sharon Minchak
Phone: 505 884-5600 Fax:	Purchase Order: 936127
Print Names(s) / Affiliation	Preservatives (see codes)
Sampler(s) Signature(s) MBrislin	Analyses Requested

Page of

DEP Form #: 62-770.900(2)
Form Title: Chain of Custody Record
Effective Date: September 23, 1997
FDEP Facility No.
Project Name:
Sampling CompQAP No:
Approval Date:
REQUESTED DUE DATE 12 / 21 / 09

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (see codes)	Number of Containers	1010	9045	8260, 82-70 ~~88-8081 TCLP~~	8151, 6010/ 7470 TCLP					Remarks	Lab. No.
	ST06-IDW-100625	12/10/09	1330	comp.	SO	3	X	X	X	X					7day TAT	-01

Shipment Method: 3 ← Total Number of Containers

Out: / /	Via:	Item Nos.	Relinquished by / Affiliations	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via.		Mbrislin	12/10/09	1510	Fed-X		
Additional Comments:			Fed-X				12/11/09	10
1010=Mitkemol							12/12/09	~~935~~ 1135
RUSH 7DAY TAT								

Cooler No. (s) / Temperature(s) (C)	Sampling Kit No.	Equipment ID No.
3.0C		

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATION CODES: H-Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

2514460

206

APPENDIX E/ATTACHMENT 3 (74 of 86)

DO NOT LIFT USING THIS TAG

Saturday Delivery

Place directly below address label

011189 2/07 MW

SHIPPING DEPARTMENT
(413) 789-9018
SPECTRUM ANALYTICAL, INC.
11 ALMGREN DR
AGAWAM MA 01001

13 LBS

1 OF 1

SHIP TO:
DARCY WEISMAN
(813) 888-9507
PEL LABS
SUITE A
8405 BENJAMIN ROAD
TAMPA FL 33634-1235

FL 336 3-01

UPS NEXT DAY AIR

1 S

TRACKING #: 1Z V69 2F8 44 4166 5526

BILLING: F/C BILL RECEIVER

REF 1:Ship in error

WS 10.0.49 LP2844 96.0A 10/2009

International Shipping Notice - Carriage hereunder may be subject to the rules relating to liability and other terms and/or conditions established by the Convention for the Unification of Certain Rules Relating to International Carriage by Air (the "Warsaw Convention") and/or the Convention on the Contract for the International Carriage of Goods by Road (the "CMR Convention"). These commodities, technology or software were exported from the U.S. in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited. United Parcel Service, Louisville, KY. For stopping places, call 1-800-782-7892.

PLACE SHIPPING LABEL WITHIN BRACKETS

01113701 10/06 MW

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2514460	Req:	89511
Client:	CH2M Hill	Project:	ST106 (TO-313, 96, 123, 38)
Level:	4	Date Rec'd:	12/12/2009 9:25:00 AM
Rec'd via:	UPS	Due Date:	12/21/09

Sample Verification

Samples/Cooler Secure?	Yes	All Samples on COC accounted For?	Yes
Temperature of Samples(Celsius)	3.0C	All Samples Rec'd Intact?	Yes
pH Verified?	No	Sample Vol. Stuff. For Analysis?	Yes
pH WNL?	No	Samples Rec'd W/I Hold Time?	Yes
Soil Origin (Domestic/Foreign):	Domestic	Are All Samples to be Analyzed?	Yes
Site Location/Project on COC?	Yes	Correct Sample Containers?	Yes
Client Project # on COC?	Yes	COC Comments written on COC?	Yes
Project Mgr. Indicated on COC?	Yes	Samplers Initials on COC?	Yes
COC relinquished/Dated by Client?	Yes	Sample Date/Time Indicated?	Yes
COC Received/Dated by PEL?	Yes	TAT Requested:	RUSH
Specific Subcontract Indicated?	No	Client Requests Verbal Results?	No
Samples Received By	UPS	Client Requests Faxed Results?	No
PEL to Conduct ALL Analyses?	No	Specific tests noted on COC	

PEER REVIEW MG

Client: CH2M Hill

WONo: 2514460 Profile Name: Kirtland AFB Profile #: 89511

MATRIX S

Sample #	Bottle	Parameter		Check	Received	Date
01	007	6010_TCLP	TCLP Metals by 1311/6010	In	Gerson Galvis	12/15/2009 8:43:29 AM
01	007	6010_TCLP	TCLP Metals by 1311/6010	Out	Gerson Galvis	12/15/2009 8:45:57 AM
01	007	6010_TCLP	TCLP Metals by 1311/6010	In	Linda Lee Gates for: Gerson Galvis	12/15/2009 11:24:03 AM
01	007	7470_TCLP	7470 TCLP Mercury	In	Gerson Galvis	12/15/2009 8:43:29 AM
01	007	7470_TCLP	7470 TCLP Mercury	Out	Gerson Galvis	12/15/2009 8:46:11 AM
01	007	7470_TCLP	7470 TCLP Mercury	In	Linda Lee Gates for: Gerson Galvis	12/15/2009 11:24:26 AM
01	005	8081_TCLP	Pestcides TCLP	In	Gerson Galvis	12/15/2009 8:44:07 AM
01	005	8081_TCLP	Pestcides TCLP	Consumed	Andrea Bowman	12/16/2009 12:23:40 PM
01	006	8151_TCLP	Herbicides TCLP	In	Gerson Galvis	12/15/2009 8:43:47 AM
01	006	8151_TCLP	Herbicides TCLP	Consumed	Andrea Bowman	12/16/2009 12:24:01 PM
01	008	8260_TCLP	Volatiles in Soil by 1311/8260	In	Gerson Galvis	12/15/2009 8:43:22 AM
01	008	8260_TCLP	Volatiles in Soil by 1311/8260	Out	Lisa Pelo	12/17/2009 11:28:05 AM
01	008	8260_TCLP	Volatiles in Soil by 1311/8260	In	Lisa Pelo	12/17/2009 11:32:01 AM
01	008	8260_TCLP	Volatiles in Soil by 1311/8260	Out	Marcell Stephens	12/19/2009 8:17:06 AM
01	008	8260_TCLP	Volatiles in Soil by 1311/8260	In	Marcell Stephens	12/19/2009 8:17:29 AM
01	004	8270_TCLP	TCLP Semivolatiles by 8270	In	Gerson Galvis	12/15/2009 8:44:18 AM
01	004	8270_TCLP	TCLP Semivolatiles by 8270	Consumed	Andrea Bowman	12/17/2009 12:41:32 PM
01	001	9045	Corosivity - pH	In	Ja Kim	12/12/2009 12:04:16 PM
01	003	9045	Corosivity - pH	Out	Gerson Galvis	12/16/2009 7:56:58 AM
01	003	9045	Corosivity - pH	In	Gerson Galvis	12/16/2009 10:01:46 AM
01	001	Dry Weight	Dry Weight	In	Ja Kim	12/12/2009 12:04:16 PM
01	003	Dry Weight	Dry Weight	Out	Gerson Galvis	12/16/2009 5:19:06 AM
01	003	Dry Weight	Dry Weight	In	Gerson Galvis	12/16/2009 6:08:36 AM
01	003	TCLP_Tumble	TCLP Tumble	In	Ja Kim	12/12/2009 12:04:24 PM

WONo: 2514460 Profile Name: Kirtland AFB Profile #: 89511

01	003	TCLP_Tumble	TCLP Tumble	Out	Gerson Galvis	12/14/2009 8:17:33 AM
01	003	TCLP_Tumble	TCLP Tumble	In	Gerson Galvis	12/14/2009 10:21:20 AM

Minchak, Sharon/ABQ

From: Schuman, George, NMENV [george.schuman@state.nm.us]
Sent: Friday, July 24, 2009 1:25 PM
To: Bitner, Ludie W Jr Civ USAF AFMC 377 MSG/CEANR
Cc: Holmes, Mark D Civ USAF AFMC 377 MSG/CEANR; Minchak, Sharon/ABQ
Subject: RE: Request for disposal of purge water

July 24, 2009

Mr. Bitner,

I received your e-mail dated July 24, 2009 that contained ground water analytical results from monitoring wells associated with the Bulk Fuels Facility. Approximately 800 gallons of purge water from monitoring wells KAFB-1061, 1062, 1064, 1067, 3411, 10611, 10612, 10613, 10615, 10616, 10617, 10619, and 10620 are stored in dedicated storage tanks and drums, and approximately 900 gallons of purge and development water from monitoring wells KAFB-10621, 10622, and 10623 are stored in a single poly tank.

My review of the lab results indicates that the ground water standards of 20.6.2.3103 NMAC are exceeded in the following wells: KAFB-10612 (benzene and manganese); KAFB-10617 (EDB); KAFB-10619 (EDB); KAFB-1061 (benzene and EDB); KAFB-10621 (EDB); and KAFB-10622 (EDB). Given the relatively small volumes of water contributed by each of these wells to the overall disposal volume, appreciable dilution of contaminant concentrations is expected upon disposal of the stored purge and development water. Further, the depth to ground water is substantial in the proposed disposal areas. It is therefore unlikely that discharge of the purge water will result in the exceedance of 20.6.2.3103 standards in ground water beneath the discharge locations. A Discharge Permit is not required for the discharge of this purge and development water at the storage or wellhead areas. Discharge of the purge water must occur as described in the letter from CH2M Hill dated July 23, 2009.

The July 23, 2009 letter from CH2M Hill also proposed a streamlined approach for the disposal of purge and development water. The NMED-GWQB has reviewed the proposed approach and approves of this approach with the following amendment: constituent concentrations must be compared to <u>all</u> ground water standards contained in Section 20.6.2.3103 NMAC, not just the human health-based standards. The method of disposal must follow previously approved practices, i.e., the water must be contained within the disposal area and must not entered storm drains, arroyos, or other surface water features.

Please contact me if you have any questions or require additional information.

Sincerely,

George Schuman
Manager, Ground Water Pollution Prevention Section NMED-GWQB

From: Bitner, Ludie W Jr Civ USAF AFMC 377 MSG/CEANR [mailto:Ludie.Bitner@kirtland.af.mil]
Sent: Friday, July 24, 2009 10:20 AM
To: Schuman, George, NMENV
Cc: Holmes, Mark D Civ USAF AFMC 377 MSG/CEANR; Sharon.Minchak@CH2M.com
Subject: Request for disposal of purge water

Mr. Schuman
I'm trying to tie up all the loose ends for Mark while he is on vacation. Please review the attached request and confirm that the disposal as described, is approved. In addition the final three paragraphs describe a new suggested approval method for disposals. It seems the suggested method would meet everyone's needs and streamline the current process. Be assured that pending your approval of the process, the current Kirtland AFB IDW Plan would be edited to reflect this particular change in procedure. Thanks for your consideration and please call if there are any questions.

Wayne Bitner
Chief, Environmental Restoration
ludie.bitner@kirtland.af.mil
505-853-3484
DSN 263-3484

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CH2M HILL
4041 Jefferson Plaza NE
Suite 200
Albuquerque, NM 87109
Tel 505.884.5600
Fax 505.883.7507

23 July 2009

Mr. Wayne Bitner
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-1064, KAFB-1067, KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10619, KAFB-10620, KAFB-10621, KAFB-10622, KAFB-10623 and KAFB-3411.

Dear Mr. Bitner:

During April of 2009, CH2M HILL conducted sampling activities for thirteen monitoring wells in association with the Bulk Fuels Facility. Additionally, during June of 2009 groundwater monitoring wells KAFB-10621, KAFB-10622, and KAFB-10623 were developed after their installation. CH2M HILL is requesting permission to dispose of purge water generated during the sampling of groundwater monitoring wells KAFB-1061, KAFB-1062, KAFB-1064, KAFB-1067, KAFB-10611, KAFB-10612, KAFB-10613, KAFB-10615, KAFB-10616, KAFB-10617, KAFB-10619, KAFB-10620, KAFB-3411 and during the development and sampling of new wells KAFB-10621, KAFB-10622, and KAFB-10623.

The sampling activities took place from April 14th to April 24th and June 11th to June 27th. Table 1 contains details of the purge water quantity for each well. Monitoring wells KAFB-1061, KAFB-1062, and KAFB-3411 have dedicated purge water storage tanks. The proposed method of disposal of the water from these wells, and from well KAFB-1064 which has purge 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-1067, 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 these wells is currently contained in ten 55-gallon drums stored in the northwest corner of the Bulk Fuels Facility northern fence and west of Fuels Drive. Monitoring Wells KAFB-10621, KAFB-10622, and KAFB-10623 sampling and development water is currently being stored in a large poly-tank located next to the 55-gallon drums. The proposed disposal method of the water from these wells is discharge of the water from the drums onto the ground surface. 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 in April 2009 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. Groundwater samples analyzed in June 2009 were analyzed for organic compounds (VOCs) by EPA method 8260; 1,2-dibromoethane (EDB) and 1,2-dibromo-3-chloropropane (DBCP) by method 8011; and Total Petroleum Hydrocarbons (TPH) as gasoline range organics (GRO), and diesel range organics (DRO) by method 8015B. 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) for those compounds that have a NMWQCC-HHS standard. For those compounds that do not have a NMWQCC-HHS standard but do have a EPA maximum contaminant level (MCL) concentrations are compared to that value. Regulatory standards used for comparison are included in Table 2.

Some organic compounds were detected at concentrations that exceed applicable standards. Benzene was detected in groundwater samples collected from KAFB-10612 and KAFB-1061 at concentrations of 56.3 µg/L and 11.4 µg/L, respectively. The NMWQCC-HHS for benzene is 10 µg/L. EDB was detected in the April 2009 groundwater samples collected from KAFB-10617, KAFB-10619, KAFB-1061, KAFB-10621, and KAFB-10622 at concentrations of 2.9 J µg/L, 0.6 µg/L, 4.2 J µg/L, 0.52 E µg/L, and 0.89 E 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 exceeds the NMWQCC-HHS, KAFB-10612 accounts for only 55 of the 1,697 gallons of water proposed to be discharged onto the ground surface at the staging area. Additionally, although the EDB concentrations from KAFB-10617 and KAFB-10619 exceeds the NMWQCC-HHS, the water from KAFB-10617 and KAFB-10619 accounts for only 110 of the 1,697 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 MCL. Bis(2-ethylhexyl) phthalate was detected in April 2009 groundwater samples collected from KAFB-1064, KAFB-1067, KAFB-3411, and the KAFB-3411 duplicate sample at concentrations of 8.3 J µg/L, 12 µg/L, 11.3 µg/L, and 6.6 J µg/L respectively. The EPA MCL for bis(2-ethylhexyl) phthalate is 6 µg/L.

One organic compound, bromodichloromethane, that does not have either a NMWQCC-HHS or an EPA MCL, but is listed on the NMWQCC list of toxic pollutants (20.6.2.7 NMAC, September 26, 2004) was detected in the June 11, 2009 KAFB-10621 groundwater sample.

Dissolved manganese was detected in groundwater samples collected from all wells except KAFB-10621, KAFB-10622, and KAFB-10623. A dissolved manganese concentration, that exceeds the NMWQCC Other Standards for Domestic Water Supply of 0.2 mg/L, was detected in the April 23, 2009 sample collected from KAFB-10612 at a concentration of 0.953 mg/L. 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.

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.

Additionally, routine requests for the disposal of purge water and development water have been made on a regular basis for many years in association with this site. Groundwater concentrations for the various compounds have always been in the same general range throughout that time. In the interest of expediting disposal of the water, CH2M HILL is interested in inquiring if NMED-GWQB would allow the water to be disposed of immediately upon receipt of analytical data, assuming those data are consistent with prior quarters' contaminant of concern concentrations. The following guidelines are suggested for assessing whether analytical data meet the criteria of being consistent with prior quarters' data, and if water is appropriate for immediate disposal:

- Positively detected compound concentrations that are *greater* than an applicable NMWQCC-HHS or EPA MCL value are no more than 10% higher than the maximum previously detected concentration for that compound.
- Positively detected compound concentrations are *less* than an applicable NMWQCC-HHS or EPA MCL value.
- Positively detected compounds do not have an applicable NMWQCC-HHS or EPA MCL value.

CH2M HILL suggests that upon receipt of analytical data, purge water be evaluated for immediate discharge following the above guidelines instead of having requests and approvals between Kirtland AFB and NMED-GWQB made for each individual quarters' purge water. In the event analytical data indicate that water did not meet one of the above guidelines a specific request would be made to NMED-GWQB regarding that particular volume of water. To document overall disposal volumes, Kirtland AFB can prepare an annual letter presenting total volumes.

If Kirtland AFB is in agreement with this approach, CH2M HILL feels this will streamline the ability to dispose of purge water and further minimize the amount of time investigation-derived waste is held onsite. If further information or more formal criteria for evaluating the appropriateness of immediate disposal is required by NMED-GWQB CH2M HILL would be happy to work with Kirtland AFB to provide it.

Sincerely,

CH2M HILL, Inc.

Sharon L. Minchak

Sharon Minchak
Senior Project Manager

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.

c: Mr. Mark Holmes, KAFB CEANR

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-1061 & KAFB-1064	**120**	**ST106-GW-1061-27042009** **ST106-GW-1064-29042009**	On soil at well KAFB-1061 on the north side of Bulk Fuels Facility.
KAFB-1062	**72**	**ST106-GW-27042009**	On soil at well KAFB-1062 across Randolph Avenue from Building 1025.
KAFB-1067	**55**	**ST106-GW-28042009**	On soil at well KAFB-1067 inside fuel storage tank secondary containment berm.
KAFB-3411	**82**	**ST106-GW-27042009** **ST106-GW-27042009-DUP**	On soil at well KAFB-3411 on south side of Bulk Fuels Facility.
KAFB-10611	55	**ST106-GW-21042009**	On ground surface on northwest corner of the Bulk Fuels Facility, west of Fuels Drive.
KAFB-10612	55	**ST106-GW-10612-23042009**	
KAFB-10613	55	**ST106-GW-10613-24042009**	
KAFB-10615	83	**ST106-GW-10615-20042009**	
KAFB-10616	55	**ST106-GW-10616-21042009** **ST106-GW-10616-21042009-DUP**	
KAFB-10617	55	**ST106-GW-10617-23042009**	
KAFB-10619	55	**ST106-GW-10619-22042009**	
KAFB-10620	55	**ST106-GW-10620-24042009**	
KAFB-10621	300	**ST106-GW-10621-11062009**	
KAFB-10622	300	**ST106-GW-10622-19062009**	
KAFB-10623	300	**ST106-GW-10623-27062009**	

Table 2. Groundwater Analytical Results Summary, Bulk Fuels Facility Monitoring Wells, Kirtland AFB, New Mexico

Anlytical Method	Analyte	NMWQCC HHSs[a]	EPA MCL	KAFB-10611	KAFB-10612	KAFB-10613	KAFB-10615	KAFB-10616		KAFB-10617	KAFB-10619	KAFB-10620	KAFB-1061	KAFB-1062	KAFB-1064	KAFB-1067	KAFB-3411		KAFB-10621	KAFB-10622	KAFB-10623
				4/21/2009	4/23/2009	4/24/2009	4/20/2009	4/21/2009	4/21/2009	4/23/2009	4/22/2009	4/24/2009	4/27/2009	4/27/2009	4/29/2009	4/28/2009	4/27/2009	4/27/2009	6/11/2009	6/19/2009	6/27/2009
VOCs (µg/L) Method 8260	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-Trichloroethane	60	200	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1,2,2-Tetrachloroethane	10	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1,2-Trichloroethane	10	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1-Dichloroethane	25	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,1-Dichloroethene	5	7	< 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
	1,2,3-Trichlorobenzene	NA	NA	< 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	< 1.2	< 1.2	< 1.2	< 1.2
	1,2,3-Trichloropropane	NA	NA	< 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	< 1.5	< 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	< 0	< 1	< 1
	1,2,4-Trimethylbenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	5	0.45 J	< 1
	1,2-Dichloroethane (EDC)	10	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0	< 1	< 1
	1,2-Dibromo-3-chloropropane[b]	NA	0.2	< 0.0198	< 0.0333	< 0.0199	< 0.02	< 0.0199	< 0.0196	< 0.0199	< 0.0199	< 0.0199	< 0.0199	< 0.0198	< 0.0199	< 0.0196	< 0.02	< 0.02	0.02 U	0.0197 U	0.0196 U
	1,2-Dibromoethane (EDB)[b]	0.1	0.05	0.03	< 0.0333	< 0.0199	< 0.02	< 0.0199	< 0.0196	**2.9 J**	**0.6**	< 0.0199	**4.2 J**	< 0.0198	< 0.0199	< 0.0196	< 0.02	< 0.02	**0.52 E**	**0.89 E**	0.0196 U
	1,2-Dichlorobenzene	NA	600	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,2-Dichloropropane	NA	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1,3,5-Trimethylbenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.28 J	< 1	< 1	< 1	< 1	< 1	< 1	2.4	0.32 J	< 1
	1,3-Dichlorobenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 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	< 1
	1,4-Dichlorobenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	2,2-Dichloropropane	NA	NA	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	2-Chlorotoluene	NA	NA	< 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
	4-Chlorotoluene	NA	NA	< 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
	Acetone	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	Benzene	10	5	< 1	**56.3**	< 1	< 1	< 1	< 1	1.3	< 1	1.1	**11.4**	< 1	< 1	< 1	< 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
	Bromochloromethane	NA	NA	< 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	0.16 J	< 1	< 1
	Bromoform	NA	NA	< 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	< 2	< 2
	Carbon Disulfide	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Carbon tetrachloride	10	5	< 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
	Chloroethane	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Chloroform	100	NA	< 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
	cis-1,2-Dichloroethene	NA	70	< 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
	Dibromochloromethane	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.36 J	< 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	< 1.2
	Dichlorodifluoromethane	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Ethylbenzene	750	nA	< 1	2.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.69 J	< 1	< 1	< 1	< 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
	Isopropylbenzene	NA	NA	< 1	2.6	< 1	< 1	< 1	< 1	< 1	0.51 J	4.4	< 1	< 1	< 1	< 1	1.7	1.6	1.2	0.64 J	< 1
	Xylene, m-, p-	620[d]	NA	< 2	0.29 J	< 2	< 2	< 2	< 2	< 2	0.7 J	< 2	2.3	< 2	< 2	< 2	< 2	< 2	8.1	2.3	< 2
	2-Butanone (MEK)	NA	NA	6.1	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
	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
	Methylene chloride	100	NA	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	n-Butylbenzene	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	n-Propylbenzene	NA	NA	< 1	0.62 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Naphthalene	30 [c]	NA	0.12 J	< 1	< 1	< 1.1	< 1.1	< 1	< 1	0.11 J	< 1	0.13 J	< 1	< 1	< 1.1	< 1.1	< 1	< 1	< 1	< 1
	Xylene, o-	620[d]	NA	< 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
	sec-Butylbenzene	NA	NA	< 1	0.68 J	< 1	< 1	< 1	< 1	< 1	< 1	0.64 J	< 1	< 1	< 1	< 1	< 1	0.31 J	< 1	< 1	< 1
	Styrene	NA	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Trichloroethene	100	5	< 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
	Tetrachloroethene	20	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Toluene	750	1000	131	10.9	12.1	15	42.8	40.9	9.3	42.7	9.7	19.1	< 1	< 1	< 1	< 1	< 1	37.9	25.8	20.9
	trans-1,2-Dichloroethene	NA	NA	< 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
	Trichlorofluoromethane	NA	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Vinyl chloride	1	2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Xylenes, Total	620[d]	1000	< 3	0.29 J	< 3	< 3	< 3	< 3	< 3	0.7 J	< 3	3.4	< 3	< 2	< 3	< 3	< 3	8.1	2.3 J	< 3
SVOCs (µg/L) Method 8270	1,3-Dinitrobenzene	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	1-Methylnaphthalene	30 [c]	NA	< 1	< 1	< 1	< 1.1	< 1.1	< 1	< 1	0.14 J	< 1	0.085 J	< 1	< 1	< 1.1	0.046 J	0.044 J	NS	NS	NS
	2,4,5-Trichlorophenol	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	2,4,6-Trichlorophenol	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	2,4-Dimethylphenol	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	2,4-Dinitrophenol	NA	NA	< 63.2	< 63.5	< 63.5	< 62.5	< 63.2	< 63.2	< 66.7	< 63.2	< 63.2	< 63.2	< 61.2	< 61.2	< 61.5	< 63.2	< 61.5	NS	NS	NS
	2,4-Dinitrotoluene	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	2,6-Dinitrotoluene	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	2-Chloronaphthalene	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	2-Chlorophenol	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	2-Methylnaphthalene	30 [c]	NA	< 1	< 1	< 1	< 1.1	< 1.1	< 1	< 1	0.1 J	< 1	< 1	< 1	< 1	< 1.1	< 1.1	< 1	NS	NS	NS
	2-Methylphenol	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	2-Nitroaniline	NA	NA	< 52.6	< 52.9	< 52.9	< 52.1	< 52.6	< 52.6	< 55.6	< 52.6	< 52.6	< 52.6	< 51	< 51	< 51.3	< 52.6	< 51.3	NS	NS	NS
	2-Nitrophenol	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	3,3'-Dichlorobenzidine	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	3-Nitroaniline	NA	NA	< 52.6	< 52.9	< 52.9	< 52.1	< 52.6	< 52.6	< 55.6	< 52.6	< 52.6	< 52.6	< 51	< 51	< 51.3	< 52.6	< 51.3	NS	NS	NS

Table 2. Groundwater Analytical Results Summary, Bulk Fuels Facility Monitoring Wells, Kirtland AFB, New Mexico

Anlytical Method	**Analyte**	**NMWQCC HHSs[a]**	**EPA MCL**	KAFB-10611	KAFB-10612	KAFB-10613	KAFB-10615	KAFB-10616		KAFB-10617	KAFB-10619	KAFB-10620	KAFB-1061	KAFB-1062	KAFB-1064	KAFB-1067	KAFB-3411		KAFB-10621	KAFB-10622	KAFB-10623
				4/21/2009	4/23/2009	4/24/2009	4/20/2009	4/21/2009	4/21/2009	4/23/2009	4/22/2009	4/24/2009	4/27/2009	4/27/2009	4/29/2009	4/28/2009	4/27/2009	4/27/2009	6/11/2009	6/19/2009	6/27/2009
SVOCs (µg/L) Method 8270	4,6-Dinitro-2-methylphenol	NA	NA	< 63.2	< 63.5	< 63.5	< 62.5	< 63.2	< 63.2	< 66.7	< 63.2	< 63.2	< 63.2	< 61.2	< 61.2	< 61.5	< 63.2	< 61.5	NS	NS	NS
	4-Bromophenyl phenyl ether	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	4-Chloro-3-methylphenol	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	4-Chloroaniline	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	4-Chlorophenyl phenyl ether	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	4-Methylphenol	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	4-Nitroaniline	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	4-Nitrophenol	NA	NA	< 52.6	< 52.9	< 52.9	< 52.1	< 52.6	< 52.6	< 55.6	< 52.6	< 52.6	< 52.6	< 51	< 51	< 51.3	< 52.6	< 51.3	NS	NS	NS
	Benzidine	NA	NA	< 158	< 159	< 159	< 156	< 158	< 158	< 167	< 158	< 158	< 158	< 153	< 153	< 154	< 158	< 154	NS	NS	NS
	Benzoic acid	NA	NA	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	NS	NS	NS
	Bis (2-chloroethoxy) methane	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Bis (2-chloroethyl) ether	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Bis (2-ethylhexyl) phthalate	NA	6	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	**8.3 J**	**12**	**11.3**	**6.6 J**	NS	NS	NS
	Butyl benzylphthalate	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	Di-n-butylphthalate	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	Di-n-octylphthalate	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	Dibenzofuran	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Diethyl phthalate	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Dimethyl phthalate	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Hexachlorobenzene	NA	1	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Hexachlorocyclopentadiene	NA	50	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Hexachloroethane	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	n-Nitrosodi-n-propylamine	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	n-Nitrosodiphenylamine	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
	Nitrobenzene	NA	NA	< 21	< 21.2	< 21.2	< 20.8	< 21	< 21	< 22.2	< 21	< 21	< 21	< 20.4	< 20.4	< 20.5	< 21	< 20.5	NS	NS	NS
	Pentachlorophenol	NA	1	< 63.2	< 63.5	< 63.5	< 62.5	< 63.2	< 63.2	< 66.7	< 63.2	< 63.2	< 63.2	< 61.2	< 61.2	< 61.5	< 63.2	< 61.5	NS	NS	NS
	Phenol	NA	NA	< 10.5	< 10.6	< 10.6	< 10.4	< 10.5	< 10.5	< 11.1	< 10.5	< 10.5	< 10.5	< 10.2	< 10.2	< 10.2	< 10.5	< 10.2	NS	NS	NS
PAHs (µg/L) Method 8310	Acenaphthene	NA	NA	< 1	< 1	< 1	< 1.1	< 1.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1	< 1.1	< 1	NS	NS	NS
	Acenaphthylene	NA	NA	< 1	< 1	< 1	< 1.1	< 1.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.1	< 1.1	< 1	NS	NS	NS
	Anthracene	NA	NA	< 0.32	< 0.31	< 0.32	< 0.33	< 0.32	< 0.31	0.04 J	< 0.31	< 0.32	< 0.3	< 0.3	< 0.31	< 0.32	< 0.32	< 0.32	NS	NS	NS
	Benz(a)anthracene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Benzo(a)pyrene	0.7	0.2	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Benzo(b)fluoranthene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Benzo(g,h,i)perylene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Benzo(k)fluoranthene	NA	NA	< 0.16	< 0.15	< 0.16	< 0.16	< 0.16	< 0.15	< 0.15	< 0.15	< 0.16	< 0.15	< 0.15	< 0.1	< 0.16	< 0.16	< 0.16	NS	NS	NS
	Chrysene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Dibenz(a,h)anthracene	NA	NA	< 0.32	< 0.31	< 0.32	< 0.33	< 0.32	< 0.31	< 0.31	< 0.31	< 0.32	< 0.3	< 0.3	< 0.31	< 0.32	< 0.32	< 0.32	NS	NS	NS
	Fluoranthene	NA	NA	< 0.42	< 0.42	< 0.42	< 0.43	< 0.42	< 0.42	< 0.42	< 0.41	< 0.42	< 0.41	< 0.41	< 0.41	< 0.42	< 0.42	< 0.42	NS	NS	NS
	Fluorene	NA	NA	< 0.32	< 0.31	< 0.32	< 0.33	< 0.32	< 0.31	< 0.31	< 0.31	< 0.32	< 0.3	< 0.3	< 0.31	< 0.32	< 0.32	< 0.32	NS	NS	NS
	Indeno(1,2,3-cd)pyrene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
	Phenanthrene	NA	NA	< 0.32	< 0.31	< 0.32	< 0.33	< 0.32	< 0.31	0.24 J	< 0.31	< 0.32	< 0.3	< 0.3	< 0.31	< 0.32	< 0.32	< 0.32	NS	NS	NS
	Pyrene	NA	NA	< 0.21	< 0.21	< 0.21	< 0.22	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	NS	NS	NS
TPH (µg/L) Method 8015	Diesel Range Organics (C10-C28)	--	--	70 J	62 J	100 J	84 J	77 J	82 J	59 J	< 263	< 260	< 255	< 252	< 256	< 260	< 267	70 J	420	0.34 B	0.24 JB
	Gasoline Range Organics	--	--	370	480 J	80 J	60 J	110	110	< 64	140	1200 J	140 J	98 J	< 64	68 J	400 J	380 J	64 U	0.06 J	0.044 J
Metals (mg/L) Method 6010	Iron, dissolved	1	NA	< 0.1	0.171	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NS	NS	NS
	Manganese, dissolved	0.2	NA	0.0185	**0.953**	0.0375	0.00201 J	0.0126	0.0129	0.000782 J	0.00147 J	0.0118	0.0559	0.013	0.000645 J	0.000559 J	0.187	0.186	NS	NS	NS
Anions (mg/L) Method 300.0	Nitrate[e]	10	10	0.14 J	0.037 J	0.12 J	0.42 J	0.11 J	0.11 J	0.29 J	0.12 J	0.14 J	0.067 J	0.26 J	0.97 J	0.37 J	0.027 J	< 10	NS	NS	NS
	Sulfate	600	NA	28	51.8	31.9	28.3	27.2	27	36.2	45.4	44.8	26	34.3	47.8	32.2	41.2	41.3	NS	NS	NS

a. New Mexico Water Quality Control Commission (WQCC) Regulations. Concentrations exceeding standards shown in **BOLD.**
b. Samples analyzed for EDB and DBCP using Method 8260 and 504.1, or 8011. Table includes only Method 504.1 and 8011 results because these methods have lower quantitation limits.
NA = Not applicable NS = Not sampled
c. The WQCC regulation for PAHs of 30 µg/L is a total of the concentraions of naphthalene, 1-methylnaphthalene, and 2-metylnapthalene.
d. The WQCC regulation for total xylenes of 620 µg/L, includes m, p, and o-Xylenes.
e. Nitrate/Nitrite has an NMED HWB Approved Background Concentration, SNL/Kirtland AFB, Chemical Constituents in Groundwater of 4.0 mg/L. Concentrations exceeding background shown in italics.
J = The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet the quality control criteria. The presence or absence of the analyte cannot be verified.
U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ = The analyte was below the reported sample quantitation limit. However, the reported value is approximate.
mg/l = Milligrams per Liter
ug/l = Micrograms per Liter
Shading indicates the analyte was detected